Gulf Coast ACCUTEST LABORATORIES

10/15/10

Technical Report for

Weston Solutions

DeepWater Horizon Weekday

Accutest Job Number: T59309

Sampling Date: 09/05/10

Report to:

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Total number of pages in report: **1595**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

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Laboratory Director

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Certifications: TX (T104704220-09C-TX) AR (88-0756) FL (E87628) KS (E-10366) LA (85695/04004) OK (9103)

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Accutest Laboratories

Sample Summary

Weston Solutions

Job No: T59309

DeepWater Horizon Weekday

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
T59309-1	09/05/10	11:15		09/06/10	AQ	Surface Water	T001-R678-100905-SW-07-1
T59309-1F	09/05/10	11:15		09/06/10	AQ	Surface H2O Filtered	T001-R678-100905-SW-07-1 (DISSOLVED)
T59309-2	09/05/10	13:00		09/06/10	AQ	Surface Water	T001-R680-100905-SW-06-1
T59309-2F	09/05/10	13:00		09/06/10	AQ	Surface H2O Filtered	T001-R680-100905-SW-06-1 (DISSOLVED)
T59309-3	09/05/10	12:00		09/06/10	SO	Sediment	T001-R678-100905-SD-1
T59309-4	09/05/10	13:30		09/06/10	SO	Sediment	T001-R680-100905-SD-1
T59309-5	09/05/10	11:15		09/06/10	AQ	Field Blank Water	T001-V-20100905-FB-1
T59309-6	09/05/10	00:00		09/06/10	AQ	Trip Blank Water	T001-V-20100905-TB-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Weston Solutions	**Job No**	T59309
Site:	DeepWater Horizon Weekday	**Report Date**	9/10/2010 6:50:54 PM

6 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were collected on 09/05/2010 and were received at Accutest on 09/06/2010 properly preserved, at 2.1 Deg. C and intact. These Samples received an Accutest job number of T59309. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** VE109

- All samples were analyzed within the recommended method holding time.
- Sample(s) T59309-2MS, T59309-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Methyl ethyl ketone are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Hexanone, 4-Methyl-2-pentanone, Methyl ethyl ketone are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for Carbon tetrachloride are outside control limits for sample T59309-2MSD. Probable cause due to matrix interference.

Matrix SO **Batch ID:** VY2602

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59309-4MS, T59309-4MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Bromodichloromethane, Bromoform, Dibromochloromethane, Tetrachloroethylene are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for Bromodichloromethane, Bromoform, Carbon tetrachloride, cis-1,3-Dichloropropene, Dibromochloromethane, Tetrachloroethylene, trans-1,3-Dichloropropene are outside control limits. Probable cause due to matrix interference.

Extractables by GCMS By Method SW846 8270C

Matrix AQ	**Batch ID:** OP15935

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59309-1MS, T59309-1MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for Benzoic Acid are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 4,6-Dinitro-o-cresol, Benzoic Acid are outside control limits. Probable cause due to matrix interference.

Matrix SO	**Batch ID:** OP15932

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) T59309-3MS, T59309-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2,4,5-Trichlorophenol, 4-Nitroaniline, Benzoic acid are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 2,4,5-Trichlorophenol, 3,3'-Dichlorobenzidine, 4-Nitroaniline, Benzoic acid are outside control limits. Probable cause due to matrix interference.

Extractables by GCMS By Method SW846 8270C BY SIM

Matrix AQ	**Batch ID:** OP15936

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix SO	**Batch ID:** OP15933

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Volatiles by GC By Method SW846 8015

Matrix AQ	**Batch ID:** GBB108

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59309-1MS, T59309-1MSD were used as the QC samples indicated.

Matrix SO	**Batch ID:** GBB109

- All samples were analyzed within the recommended method holding time.
- Sample(s) T59312-1MS, T59312-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015 M

Matrix AQ	**Batch ID:** OP15931

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59309-2MS, T59309-2MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for TPH (C10-C28) are outside control limits. Probable cause due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for TPH (C10-C28) are outside control limits. Probable cause due to matrix interference.
- RPD(s) for MSD for TPH (C10-C28) are outside control limits for sample OP15931-MSD. Probable cause due to matrix interference.
- Sample(s) OP15931-MSD, T59309-2 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix SO	**Batch ID:** OP15930

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59309-4MS, T59309-4MSD were used as the QC samples indicated.

Metals By Method SW846 6010B

Matrix AQ **Batch ID:** MP12740

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59295-1DUP, T59295-1MS, T59295-1MSD, T59295-1SDL, T59295-1DUP were used as the QC samples for metals.
- MS/MSD Recovery (s) for Sodium and MSD Recovery for Magnesium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- MSD Recovery(s) for Calcium, Potassium are outside control limits. Spike recovery indicates possible matrix interference.
- RPD(s) for Duplicate for Antimony, Chromium, Cobalt, Thallium, Vanadium are outside control limits for sample MP12740-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Potassium are outside control limits for sample MP12740-SD1. Serial dilution indicates possible matrix interference.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Chromium, Cobalt, Copper, Selenium, Vanadium are outside control limits for sample MP12740-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix AQ **Batch ID:** MP12742

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59295-1FDUP, T59295-1FMS, T59295-1FMSD, T59295-1FSDL, T59295-1FDUP were used as the QC samples for metals.
- MS/MSD Recovery(s) for Potassium are outside control limits. Spike recovery indicates possible matrix interference.
- MS/MSD Recovery(s) for Magnesium and MS Recovery for Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Duplicate for Arsenic, Cadmium, Chromium, Copper, Iron, Manganese are outside control limits for sample MP12742-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Aluminum, Arsenic, Cadmium, Copper, Iron, Manganese, Selenium, Vanadium are outside control limits for sample MP12742-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix SO **Batch ID:** MP12743

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59295-5DUP, T59295-5MS, T59295-5MSD, T59295-5SDL, T59295-5DUP were used as the QC samples for metals.
- MS/MSD Recovery(s) for Antimony, Calcium and MS Recovery(s) for Barium, Manganese are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Duplicate for Calcium, Beryllium, Cadmium are outside control limits for sample MP12743-D1. High RPD due to possible sample nonhomogeneity.
- RPD(s) for MSD for Calcium are outside control limits for sample MP12743-S2. High RPD due to possible sample nonhomogeneity.
- RPD(s) for Serial Dilution for Arsenic, Beryllium, Selenium are outside control limits for sample MP12743-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- RPD(s) for Serial Dilution for Chromium, Cobalt, Magnesium, Manganese, Potassium are outside control limits for sample MP12743-SD1. Serial dilution indicates possible matrix interference.

Wet Chemistry By Method EPA 1664

Matrix AQ	**Batch ID:** GP10065

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59312-2DUP, T59312-2MS were used as the QC samples for HEM Oil And Grease.

Wet Chemistry By Method SM 2540 G

Matrix SO	**Batch ID:** GN25191

- Sample(s) T59306-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SM5310B/9060A

Matrix AQ	**Batch ID:** GP10060

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) T59312-2DUP, T59312-2MS were used as the QC samples for Total Organic Carbon.

Accutest Laboratories Gulf Coast (ALGC) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALGC and as stated on the COC. ALGC certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALGC Quality Manual except as noted above. This report is to be used in its entirety. ALGC is not responsible for any assumptions of data quality if partial data packages are used

Gulf Coast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E0001685.D	1	09/07/10	JL	n/a	n/a	VE109
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.7 U	50	4.7	ug/l	
71-43-2	Benzene	0.50 U	2.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.49 U	2.0	0.49	ug/l	
75-25-2	Bromoform	1.4 U	2.0	1.4	ug/l	
108-90-7	Chlorobenzene	0.56 U	2.0	0.56	ug/l	
75-00-3	Chloroethane	0.92 U	2.0	0.92	ug/l	
67-66-3	Chloroform	0.64 U	2.0	0.64	ug/l	
75-15-0	Carbon disulfide	0.53 U	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	0.66 U	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	0.52 U	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.62 U	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	0.62 U	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	0.61 U	2.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.56 U	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.48 U	2.0	0.48	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.68 U	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	0.55 U	2.0	0.55	ug/l	
591-78-6	2-Hexanone	3.2 U	10	3.2	ug/l	
108-10-1	4-Methyl-2-pentanone	9.9 U	10	9.9	ug/l	
74-83-9	Methyl bromide	0.94 U	2.0	0.94	ug/l	
74-87-3	Methyl chloride	0.84 U	2.0	0.84	ug/l	
75-09-2	Methylene chloride	0.41 U	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	3.9 U	10	3.9	ug/l	
100-42-5	Styrene	0.56 U	2.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	0.62 U	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	1.2 U	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	0.98 U	2.0	0.98	ug/l	
127-18-4	Tetrachloroethylene	0.91 U	2.0	0.91	ug/l	
108-88-3	Toluene	0.43 U	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	0.52 U	2.0	0.52	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.0 U	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	1.7 U	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		79-122%
17060-07-0	1,2-Dichloroethane-D4	95%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P13211.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	5.0 U	10	5.0	ug/l	
95-57-8	2-Chlorophenol	1.2 U	5.1	1.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	1.2 U	5.1	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	2.2 U	5.1	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	1.3 U	5.1	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	15 U	25	15	ug/l	
534-52-1	4,6-Dinitro-o-cresol	1.4 U	10	1.4	ug/l	
95-48-7	2-Methylphenol	0.84 U	5.1	0.84	ug/l	
	3&4-Methylphenol	1.6 U	5.1	1.6	ug/l	
88-75-5	2-Nitrophenol	2.0 U	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	6.7 U	25	6.7	ug/l	
87-86-5	Pentachlorophenol	13 U	25	13	ug/l	
108-95-2	Phenol	0.76 U	5.1	0.76	ug/l	
95-95-4	2,4,5-Trichlorophenol	1.2 U	5.1	1.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	1.2 U	5.1	1.2	ug/l	
101-55-3	4-Bromophenyl phenyl ether	1.4 U	5.1	1.4	ug/l	
85-68-7	Butyl benzyl phthalate	1.6 U	5.1	1.6	ug/l	
100-51-6	Benzyl Alcohol	1.3 U	5.1	1.3	ug/l	
91-58-7	2-Chloronaphthalene	1.4 U	5.1	1.4	ug/l	
106-47-8	4-Chloroaniline	4.3 U	5.1	4.3	ug/l	
86-74-8	Carbazole	1.5 U	5.1	1.5	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	1.3 U	5.1	1.3	ug/l	
111-44-4	bis(2-Chloroethyl)ether	1.3 U	5.1	1.3	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	2.0 U	5.1	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	1.3 U	5.1	1.3	ug/l	
95-50-1	1,2-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
106-46-7	1,4-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	1.4 U	5.1	1.4	ug/l	
606-20-2	2,6-Dinitrotoluene	1.3 U	5.1	1.3	ug/l	
91-94-1	3,3'-Dichlorobenzidine	3.2 U	10	3.2	ug/l	
132-64-9	Dibenzofuran	1.3 U	5.1	1.3	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
84-74-2	Di-n-butyl phthalate	1.0 U	5.1	1.0	ug/l	
117-84-0	Di-n-octyl phthalate	1.3 U	5.1	1.3	ug/l	
84-66-2	Diethyl phthalate	1.1 U	5.1	1.1	ug/l	
131-11-3	Dimethyl phthalate	1.1 U	5.1	1.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.8 U	5.1	1.8	ug/l	
118-74-1	Hexachlorobenzene	1.4 U	5.1	1.4	ug/l	
87-68-3	Hexachlorobutadiene	1.1 U	5.1	1.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	5.2 U	10	5.2	ug/l	
67-72-1	Hexachloroethane	0.98 U	5.1	0.98	ug/l	
78-59-1	Isophorone	1.2 U	5.1	1.2	ug/l	
88-74-4	2-Nitroaniline	1.4 U	5.1	1.4	ug/l	
99-09-2	3-Nitroaniline	3.4 U	5.1	3.4	ug/l	
100-01-6	4-Nitroaniline	2.4 U	5.1	2.4	ug/l	
98-95-3	Nitrobenzene	1.7 U	5.1	1.7	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	1.4 U	5.1	1.4	ug/l	
86-30-6	N-Nitrosodiphenylamine	1.7 U	5.1	1.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.3 U	5.1	1.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	24%		10-66%
4165-62-2	Phenol-d5	18%		10-53%
118-79-6	2,4,6-Tribromophenol	45%		32-128%
4165-60-0	Nitrobenzene-d5	41%		29-115%
321-60-8	2-Fluorobiphenyl	40%		34-113%
1718-51-0	Terphenyl-d14	81%		12-145%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V1394.D	1	09/07/10	MK	09/06/10	OP15936	EV82
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	0.042 U	0.20	0.042	ug/l	
208-96-8	Acenaphthylene	0.072 U	0.20	0.072	ug/l	
120-12-7	Anthracene	0.054 U	0.20	0.054	ug/l	
56-55-3	Benzo(a)anthracene	0.042 U	0.20	0.042	ug/l	
50-32-8	Benzo(a)pyrene	0.065 U	0.20	0.065	ug/l	
205-99-2	Benzo(b)fluoranthene	0.061 U	0.20	0.061	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.068 U	0.20	0.068	ug/l	
207-08-9	Benzo(k)fluoranthene	0.056 U	0.20	0.056	ug/l	
218-01-9	Chrysene	0.045 U	0.20	0.045	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.060 U	0.20	0.060	ug/l	
206-44-0	Fluoranthene	0.046 U	0.20	0.046	ug/l	
86-73-7	Fluorene	0.065 U	0.20	0.065	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.061 U	0.20	0.061	ug/l	
91-57-6	2-Methylnaphthalene	0.12 U	0.20	0.12	ug/l	
91-20-3	Naphthalene	0.076 U	0.20	0.076	ug/l	
85-01-8	Phenanthrene	0.076 U	0.20	0.076	ug/l	
129-00-0	Pyrene	0.080 U	0.20	0.080	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	51%		17-131%
321-60-8	2-Fluorobiphenyl	52%		15-137%
1718-51-0	Terphenyl-d14	99%		10-160%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB0001845.D	1	09/07/10	AT	n/a	n/a	GBB108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.0060 U	0.050	0.0060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		42-123%
98-08-8	aaa-Trifluorotoluene	101%		51-130%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ6303.D	1	09/07/10	EM	09/06/10	OP15931	GJB53
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.024 U	0.10	0.024	mg/l	
	TPH (> C28-C35)	0.024 U	0.10	0.024	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	45%		25-112%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	0.0540 B	0.20	0.012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Antimony	0.0010 U	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Arsenic	0.0025 B	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Barium	0.0244 B	0.20	0.0034	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Beryllium	0.00016 U	0.0050	0.00016	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cadmium	0.000090 U	0.0040	0.000090	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Calcium	301	5.0	0.025	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Chromium	0.00053 B	0.010	0.00027	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cobalt	0.00022 U	0.050	0.00022	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Copper	0.0059 U	0.025	0.0059	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Iron	0.0249 B	0.10	0.023	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Lead	0.0018 U	0.0030	0.0018	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Magnesium	1050	25	0.040	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Manganese	0.0136 B	0.015	0.0019	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Nickel [a]	0.0070 U	0.20	0.0070	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Potassium	368	5.0	0.045	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Selenium	0.0011 B	0.0050	0.00098	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Silver	0.00024 U	0.010	0.00024	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Sodium	7920	130	2.6	mg/l	25	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Thallium	0.0012 U	0.010	0.0012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Vanadium	0.0013 B	0.050	0.00030	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Zinc [a]	0.017 U	0.10	0.017	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA5077
(2) Instrument QC Batch: MA5078
(3) Prep QC Batch: MP12740

(a) Elevated reporting limit due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1		
Lab Sample ID:	T59309-1	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil And Grease	2.1	2.0	0.90	mg/l	1	09/07/10	CF	EPA 1664
Total Organic Carbon	2.7	1.0	0.32	mg/l	1	09/07/10 10:34	MC	SM5310B/9060A

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	T001-R678-100905-SW-07-1 (DISSOLVED)		
Lab Sample ID:	T59309-1F	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	0.0196 B	0.20	0.012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Antimony	0.0010 U	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Arsenic	0.0016 B	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Barium	0.0252 B	0.20	0.0034	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Beryllium	0.00016 U	0.0050	0.00016	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cadmium	0.00018 B	0.0040	0.000090	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Calcium	314	5.0	0.025	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Chromium	0.00046 B	0.010	0.00027	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cobalt	0.00022 U	0.050	0.00022	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Copper	0.0059 U	0.025	0.0059	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Iron	0.023 U	0.10	0.023	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Lead	0.0018 U	0.0030	0.0018	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Magnesium	1070	25	0.040	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [3]
Manganese	0.0065 B	0.015	0.0019	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Nickel [a]	0.0070 U	0.20	0.0070	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [3]
Potassium	386	5.0	0.045	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Selenium	0.0025 B	0.0050	0.00098	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Silver	0.00024 U	0.010	0.00024	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Sodium	8050	130	2.6	mg/l	25	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [3]
Thallium	0.0012 U	0.010	0.0012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Vanadium	0.00094 B	0.050	0.00030	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Zinc [a]	0.0793 B	0.10	0.017	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA5077
(2) Instrument QC Batch: MA5078
(3) Prep QC Batch: MP12742

(a) Elevated reporting limit due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E0001686.D	1	09/07/10	JL	n/a	n/a	VE109
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.7 U	50	4.7	ug/l	
71-43-2	Benzene	0.50 U	2.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.49 U	2.0	0.49	ug/l	
75-25-2	Bromoform	1.4 U	2.0	1.4	ug/l	
108-90-7	Chlorobenzene	0.56 U	2.0	0.56	ug/l	
75-00-3	Chloroethane	0.92 U	2.0	0.92	ug/l	
67-66-3	Chloroform	0.64 U	2.0	0.64	ug/l	
75-15-0	Carbon disulfide	0.53 U	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	0.66 U	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	0.52 U	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.62 U	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	0.62 U	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	0.61 U	2.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.56 U	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.48 U	2.0	0.48	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.68 U	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	0.55 U	2.0	0.55	ug/l	
591-78-6	2-Hexanone	3.2 U	10	3.2	ug/l	
108-10-1	4-Methyl-2-pentanone	9.9 U	10	9.9	ug/l	
74-83-9	Methyl bromide	0.94 U	2.0	0.94	ug/l	
74-87-3	Methyl chloride	0.84 U	2.0	0.84	ug/l	
75-09-2	Methylene chloride	0.41 U	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	3.9 U	10	3.9	ug/l	
100-42-5	Styrene	0.56 U	2.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	0.62 U	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	1.2 U	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	0.98 U	2.0	0.98	ug/l	
127-18-4	Tetrachloroethylene	0.91 U	2.0	0.91	ug/l	
108-88-3	Toluene	0.43 U	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	0.52 U	2.0	0.52	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.0 U	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	1.7 U	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		79-122%
17060-07-0	1,2-Dichloroethane-D4	97%		75-121%
2037-26-5	Toluene-D8	103%		87-119%
460-00-4	4-Bromofluorobenzene	101%		80-133%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P13212.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	5.0 U	10	5.0	ug/l	
95-57-8	2-Chlorophenol	1.2 U	5.1	1.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	1.2 U	5.1	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	2.2 U	5.1	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	1.3 U	5.1	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	15 U	25	15	ug/l	
534-52-1	4,6-Dinitro-o-cresol	1.4 U	10	1.4	ug/l	
95-48-7	2-Methylphenol	0.84 U	5.1	0.84	ug/l	
	3&4-Methylphenol	1.6 U	5.1	1.6	ug/l	
88-75-5	2-Nitrophenol	2.0 U	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	6.7 U	25	6.7	ug/l	
87-86-5	Pentachlorophenol	13 U	25	13	ug/l	
108-95-2	Phenol	0.76 U	5.1	0.76	ug/l	
95-95-4	2,4,5-Trichlorophenol	1.2 U	5.1	1.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	1.2 U	5.1	1.2	ug/l	
101-55-3	4-Bromophenyl phenyl ether	1.4 U	5.1	1.4	ug/l	
85-68-7	Butyl benzyl phthalate	1.6 U	5.1	1.6	ug/l	
100-51-6	Benzyl Alcohol	1.3 U	5.1	1.3	ug/l	
91-58-7	2-Chloronaphthalene	1.4 U	5.1	1.4	ug/l	
106-47-8	4-Chloroaniline	4.3 U	5.1	4.3	ug/l	
86-74-8	Carbazole	1.5 U	5.1	1.5	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	1.3 U	5.1	1.3	ug/l	
111-44-4	bis(2-Chloroethyl)ether	1.3 U	5.1	1.3	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	2.0 U	5.1	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	1.3 U	5.1	1.3	ug/l	
95-50-1	1,2-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
106-46-7	1,4-Dichlorobenzene	1.3 U	5.1	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	1.4 U	5.1	1.4	ug/l	
606-20-2	2,6-Dinitrotoluene	1.3 U	5.1	1.3	ug/l	
91-94-1	3,3'-Dichlorobenzidine	3.2 U	10	3.2	ug/l	
132-64-9	Dibenzofuran	1.3 U	5.1	1.3	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
84-74-2	Di-n-butyl phthalate	1.0 U	5.1	1.0	ug/l	
117-84-0	Di-n-octyl phthalate	1.3 U	5.1	1.3	ug/l	
84-66-2	Diethyl phthalate	1.1 U	5.1	1.1	ug/l	
131-11-3	Dimethyl phthalate	1.1 U	5.1	1.1	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	1.8 U	5.1	1.8	ug/l	
118-74-1	Hexachlorobenzene	1.4 U	5.1	1.4	ug/l	
87-68-3	Hexachlorobutadiene	1.1 U	5.1	1.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	5.2 U	10	5.2	ug/l	
67-72-1	Hexachloroethane	0.98 U	5.1	0.98	ug/l	
78-59-1	Isophorone	1.2 U	5.1	1.2	ug/l	
88-74-4	2-Nitroaniline	1.4 U	5.1	1.4	ug/l	
99-09-2	3-Nitroaniline	3.4 U	5.1	3.4	ug/l	
100-01-6	4-Nitroaniline	2.4 U	5.1	2.4	ug/l	
98-95-3	Nitrobenzene	1.7 U	5.1	1.7	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	1.4 U	5.1	1.4	ug/l	
86-30-6	N-Nitrosodiphenylamine	1.7 U	5.1	1.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.3 U	5.1	1.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		10-66%
4165-62-2	Phenol-d5	29%		10-53%
118-79-6	2,4,6-Tribromophenol	57%		32-128%
4165-60-0	Nitrobenzene-d5	66%		29-115%
321-60-8	2-Fluorobiphenyl	59%		34-113%
1718-51-0	Terphenyl-d14	73%		12-145%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V1395.D	1	09/07/10	MK	09/06/10	OP15936	EV82
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	0.042 U	0.20	0.042	ug/l	
208-96-8	Acenaphthylene	0.072 U	0.20	0.072	ug/l	
120-12-7	Anthracene	0.054 U	0.20	0.054	ug/l	
56-55-3	Benzo(a)anthracene	0.042 U	0.20	0.042	ug/l	
50-32-8	Benzo(a)pyrene	0.065 U	0.20	0.065	ug/l	
205-99-2	Benzo(b)fluoranthene	0.061 U	0.20	0.061	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.068 U	0.20	0.068	ug/l	
207-08-9	Benzo(k)fluoranthene	0.056 U	0.20	0.056	ug/l	
218-01-9	Chrysene	0.045 U	0.20	0.045	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.060 U	0.20	0.060	ug/l	
206-44-0	Fluoranthene	0.046 U	0.20	0.046	ug/l	
86-73-7	Fluorene	0.065 U	0.20	0.065	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.061 U	0.20	0.061	ug/l	
91-57-6	2-Methylnaphthalene	0.12 U	0.20	0.12	ug/l	
91-20-3	Naphthalene	0.076 U	0.20	0.076	ug/l	
85-01-8	Phenanthrene	0.076 U	0.20	0.076	ug/l	
129-00-0	Pyrene	0.080 U	0.20	0.080	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		17-131%
321-60-8	2-Fluorobiphenyl	55%		15-137%
1718-51-0	Terphenyl-d14	78%		10-160%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB0001852.D	1	09/07/10	AT	n/a	n/a	GBB108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.0060 U	0.050	0.0060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		42-123%
98-08-8	aaa-Trifluorotoluene	100%		51-130%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ6304.D	1	09/07/10	EM	09/06/10	OP15931	GJF53
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	0.024 U	0.10	0.024	mg/l	
	TPH (> C28-C35)	0.024 U	0.10	0.024	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	113%		25-112%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	0.129 B	0.20	0.012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Antimony	0.0010 U	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Arsenic	0.0025 B	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Barium	0.0278 B	0.20	0.0034	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Beryllium	0.00016 U	0.0050	0.00016	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cadmium	0.000090 U	0.0040	0.000090	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Calcium	299	5.0	0.025	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Chromium	0.00060 B	0.010	0.00027	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Cobalt	0.00022 U	0.050	0.00022	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Copper	0.0059 U	0.025	0.0059	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Iron	0.0874 B	0.10	0.023	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Lead	0.0018 U	0.0030	0.0018	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Magnesium	959	25	0.040	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Manganese	0.0155	0.015	0.0019	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Nickel [a]	0.0070 U	0.20	0.0070	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Potassium	374	5.0	0.045	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Selenium	0.0016 B	0.0050	0.00098	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Silver	0.00024 U	0.010	0.00024	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Sodium	7170	130	2.6	mg/l	25	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]
Thallium	0.0012 U	0.010	0.0012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Vanadium	0.0011 B	0.050	0.00030	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [3]
Zinc [a]	0.017 U	0.10	0.017	mg/l	5	09/06/10	09/06/10	TW	SW846 6010B [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA5077
(2) Instrument QC Batch: MA5078
(3) Prep QC Batch: MP12740

(a) Elevated reporting limit due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1		
Lab Sample ID:	T59309-2	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface Water	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
HEM Oil And Grease	2.3	2.0	0.90	mg/l	1	09/07/10	CF	EPA 1664
Total Organic Carbon	2.7	1.0	0.32	mg/l	1	09/07/10 10:48	MC	SM5310B/9060A

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	T001-R680-100905-SW-06-1 (DISSOLVED)		
Lab Sample ID:	T59309-2F	**Date Sampled:**	09/05/10
Matrix:	AQ - Surface H2O Filtered	**Date Received:**	09/06/10
		Percent Solids:	n/a
Project:	DeepWater Horizon Weekday		

Dissolved Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	0.0393 B	0.20	0.012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Antimony	0.0010 U	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Arsenic	0.0014 B	0.0050	0.0010	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Barium	0.0298 B	0.20	0.0034	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Beryllium	0.00016 U	0.0050	0.00016	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Cadmium	0.000090 U	0.0040	0.000090	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Calcium	301	5.0	0.025	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Chromium	0.00057 B	0.010	0.00027	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Cobalt	0.00022 U	0.050	0.00022	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Copper	0.0059 U	0.025	0.0059	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Iron	0.023 U	0.10	0.023	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Lead	0.0018 U	0.0030	0.0018	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Magnesium	1030	25	0.040	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [4]
Manganese	0.0019 B	0.015	0.0019	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Nickel [a]	0.0070 U	0.20	0.0070	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [4]
Potassium	365	5.0	0.045	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Selenium	0.0020 B	0.0050	0.00098	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Silver	0.00028 B	0.010	0.00024	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Sodium	9040	250	5.2	mg/l	50	09/06/10	09/08/10	TW	SW846 6010B [3]	SW846 3010A [4]
Thallium	0.0012 U	0.010	0.0012	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Vanadium	0.0015 B	0.050	0.00030	mg/l	1	09/06/10	09/07/10	TW	SW846 6010B [2]	SW846 3010A [4]
Zinc [a]	0.017 U	0.10	0.017	mg/l	5	09/06/10	09/07/10	TW	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA5077
(2) Instrument QC Batch: MA5078
(3) Instrument QC Batch: MA5079
(4) Prep QC Batch: MP12742

(a) Elevated reporting limit due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0041929.D	1	09/07/10	FI	n/a	n/a	VY2602
Run #2							

	Initial Weight	Final Volume
Run #1	5.27 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	12.2	52	11	ug/kg	J
71-43-2	Benzene	0.90 U	5.2	0.90	ug/kg	
75-27-4	Bromodichloromethane	0.96 U	5.2	0.96	ug/kg	
75-25-2	Bromoform	1.2 U	5.2	1.2	ug/kg	
108-90-7	Chlorobenzene	0.73 U	5.2	0.73	ug/kg	
75-00-3	Chloroethane	1.2 U	5.2	1.2	ug/kg	
67-66-3	Chloroform	0.78 U	5.2	0.78	ug/kg	
75-15-0	Carbon disulfide	0.72 U	5.2	0.72	ug/kg	
56-23-5	Carbon tetrachloride	0.83 U	5.2	0.83	ug/kg	
75-34-3	1,1-Dichloroethane	1.2 U	5.2	1.2	ug/kg	
75-35-4	1,1-Dichloroethylene	1.0 U	5.2	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	0.87 U	5.2	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	1.0 U	5.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	0.71 U	5.2	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	1.3 U	5.2	1.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	0.69 U	5.2	0.69	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	1.0 U	5.2	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	0.81 U	5.2	0.81	ug/kg	
100-41-4	Ethylbenzene	1.2 U	5.2	1.2	ug/kg	
591-78-6	2-Hexanone	8.5 U	52	8.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	7.2 U	52	7.2	ug/kg	
74-83-9	Methyl bromide	1.6 U	5.2	1.6	ug/kg	
74-87-3	Methyl chloride	1.5 U	5.2	1.5	ug/kg	
75-09-2	Methylene chloride	3.0 U	13	3.0	ug/kg	
78-93-3	Methyl ethyl ketone	7.5 U	52	7.5	ug/kg	
100-42-5	Styrene	1.0 U	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.90 U	5.2	0.90	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	1.7 U	5.2	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	2.5 U	5.2	2.5	ug/kg	
127-18-4	Tetrachloroethylene	1.0 U	5.2	1.0	ug/kg	
108-88-3	Toluene	1.2 U	5.2	1.2	ug/kg	
79-01-6	Trichloroethylene	2.2 U	5.2	2.2	ug/kg	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.3 U	5.2	1.3	ug/kg	
1330-20-7	Xylene (total)	2.7 U	16	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-121%
2037-26-5	Toluene-D8	100%		76-132%
460-00-4	4-Bromofluorobenzene	91%		73-165%
17060-07-0	1,2-Dichloroethane-D4	76%		57-122%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J155076.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	85 U	1100	85	ug/kg	
95-57-8	2-Chlorophenol	63 U	230	63	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	50 U	230	50	ug/kg	
120-83-2	2,4-Dichlorophenol	54 U	230	54	ug/kg	
105-67-9	2,4-Dimethylphenol	40 U	230	40	ug/kg	
51-28-5	2,4-Dinitrophenol	560 U	1100	560	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	90 U	450	90	ug/kg	
95-48-7	2-Methylphenol	42 U	230	42	ug/kg	
	3&4-Methylphenol	130 U	230	130	ug/kg	
88-75-5	2-Nitrophenol	52 U	230	52	ug/kg	
100-02-7	4-Nitrophenol	560 U	1100	560	ug/kg	
87-86-5	Pentachlorophenol	91 U	1100	91	ug/kg	
108-95-2	Phenol	40 U	230	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	58 U	230	58	ug/kg	
88-06-2	2,4,6-Trichlorophenol	70 U	230	70	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	61 U	230	61	ug/kg	
85-68-7	Butyl benzyl phthalate	61 U	230	61	ug/kg	
100-51-6	Benzyl Alcohol	62 U	230	62	ug/kg	
91-58-7	2-Chloronaphthalene	49 U	230	49	ug/kg	
106-47-8	4-Chloroaniline	160 U	230	160	ug/kg	
86-74-8	Carbazole	42 U	230	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	48 U	230	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	54 U	230	54	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	73 U	230	73	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	63 U	230	63	ug/kg	
95-50-1	1,2-Dichlorobenzene	38 U	230	38	ug/kg	
541-73-1	1,3-Dichlorobenzene	39 U	230	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	84 U	230	84	ug/kg	
121-14-2	2,4-Dinitrotoluene	49 U	230	49	ug/kg	
606-20-2	2,6-Dinitrotoluene	60 U	230	60	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	98 U	450	98	ug/kg	
132-64-9	Dibenzofuran	59 U	230	59	ug/kg	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
84-74-2	Di-n-butyl phthalate	61 U	230	61	ug/kg	
117-84-0	Di-n-octyl phthalate	53 U	230	53	ug/kg	
84-66-2	Diethyl phthalate	56 U	230	56	ug/kg	
131-11-3	Dimethyl phthalate	65 U	230	65	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	95 U	230	95	ug/kg	
118-74-1	Hexachlorobenzene	65 U	230	65	ug/kg	
87-68-3	Hexachlorobutadiene	63 U	230	63	ug/kg	
77-47-4	Hexachlorocyclopentadiene	370 U	1100	370	ug/kg	
67-72-1	Hexachloroethane	59 U	230	59	ug/kg	
78-59-1	Isophorone	49 U	230	49	ug/kg	
88-74-4	2-Nitroaniline	84 U	230	84	ug/kg	
99-09-2	3-Nitroaniline	90 U	230	90	ug/kg	
100-01-6	4-Nitroaniline	120 U	230	120	ug/kg	
98-95-3	Nitrobenzene	37 U	230	37	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	56 U	230	56	ug/kg	
86-30-6	N-Nitrosodiphenylamine	56 U	230	56	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	58 U	230	58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		26-124%
4165-62-2	Phenol-d5	86%		19-106%
118-79-6	2,4,6-Tribromophenol	110%		18-129%
4165-60-0	Nitrobenzene-d5	88%		18-104%
321-60-8	2-Fluorobiphenyl	96%		21-114%
1718-51-0	Terphenyl-d14	117%		24-149%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10544-50-0	Cyclic octaatomic sulfur	13.49	160	ug/kg	JN
	Total TIC, Semi-Volatile		160	ug/kg	J

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V1402.D	1	09/07/10	MK	09/06/10	OP15933	EV82
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	13.1	9.0	1.5	ug/kg	
208-96-8	Acenaphthylene	14.1	9.0	3.2	ug/kg	
120-12-7	Anthracene	1.7 U	9.0	1.7	ug/kg	
56-55-3	Benzo(a)anthracene	1.4 U	9.0	1.4	ug/kg	
50-32-8	Benzo(a)pyrene	4.8 U	9.0	4.8	ug/kg	
205-99-2	Benzo(b)fluoranthene	4.8 U	9.0	4.8	ug/kg	
191-24-2	Benzo(g,h,i)perylene	9.0 U	9.0	9.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	5.9 U	9.0	5.9	ug/kg	
218-01-9	Chrysene	2.2 U	9.0	2.2	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	8.7 U	9.0	8.7	ug/kg	
206-44-0	Fluoranthene	2.0 U	9.0	2.0	ug/kg	
86-73-7	Fluorene	9.8	9.0	3.2	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	6.8 U	9.0	6.8	ug/kg	
91-57-6	2-Methylnaphthalene	11.4	9.0	1.6	ug/kg	
91-20-3	Naphthalene	16.6	9.0	1.4	ug/kg	
85-01-8	Phenanthrene	1.3 U	9.0	1.3	ug/kg	
129-00-0	Pyrene	3.1 U	9.0	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		10-127%
321-60-8	2-Fluorobiphenyl	82%		11-133%
1718-51-0	Terphenyl-d14	88%		15-187%

U = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8015	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB0001858.D	1	09/07/10	AT	n/a	n/a	GBB109
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.21 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.50 U	8.3	0.50	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		46-127%
98-08-8	aaa-Trifluorotoluene	99%		44-120%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.4
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ6297.D	1	09/07/10	EM	09/06/10	OP15930	GJB53
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	3.7 U	4.5	3.7	mg/kg	
	TPH (> C28-C35)	3.0 U	4.5	3.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		33-115%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R678-100905-SD-1		
Lab Sample ID:	T59309-3	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
		Percent Solids:	73.4
Project:	DeepWater Horizon Weekday		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6810	15	1.1	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Antimony	0.12 U	0.73	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Arsenic	3.6	0.73	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Barium	73.0	15	0.10	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Beryllium	0.17 B	0.36	0.0080	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Cadmium	0.020 U	0.36	0.020	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Calcium	7830	360	1.9	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Chromium	9.6	0.73	0.034	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Cobalt	4.3	3.6	0.044	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Copper	2.4	1.8	0.081	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Iron	8260	7.3	1.6	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Lead	5.0	0.73	0.073	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Magnesium	5350	360	1.9	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Manganese	122	1.1	0.053	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Nickel	10.0	2.9	0.083	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Potassium	1650	360	15	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Selenium	0.51 B	0.73	0.21	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Silver	0.085 U	0.73	0.085	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Sodium	3850	360	2.4	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Vanadium	15.1	3.6	0.049	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Zinc	25.7	1.5	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA5079
(2) Prep QC Batch: MP12743

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y0041937.D	1	09/07/10	FI	n/a	n/a	VY2602
Run #2 [a]	Y0041930.D	1	09/07/10	FI	n/a	n/a	VY2602

	Initial Weight	Final Volume
Run #1	5.23 g	5.0 ml
Run #2	5.90 g	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10 U	49	10	ug/kg	
71-43-2	Benzene	0.85 U	4.9	0.85	ug/kg	
75-27-4	Bromodichloromethane	0.90 U	4.9	0.90	ug/kg	
75-25-2	Bromoform	1.1 U	4.9	1.1	ug/kg	
108-90-7	Chlorobenzene	0.69 U	4.9	0.69	ug/kg	
75-00-3	Chloroethane	1.1 U	4.9	1.1	ug/kg	
67-66-3	Chloroform	0.74 U	4.9	0.74	ug/kg	
75-15-0	Carbon disulfide	0.68 U	4.9	0.68	ug/kg	
56-23-5	Carbon tetrachloride	0.78 U	4.9	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	1.1 U	4.9	1.1	ug/kg	
75-35-4	1,1-Dichloroethylene	0.94 U	4.9	0.94	ug/kg	
107-06-2	1,2-Dichloroethane	0.81 U	4.9	0.81	ug/kg	
78-87-5	1,2-Dichloropropane	0.98 U	4.9	0.98	ug/kg	
124-48-1	Dibromochloromethane	0.67 U	4.9	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	1.2 U	4.9	1.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	0.65 U	4.9	0.65	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	0.96 U	4.9	0.96	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	0.76 U	4.9	0.76	ug/kg	
100-41-4	Ethylbenzene	1.1 U	4.9	1.1	ug/kg	
591-78-6	2-Hexanone	8.0 U	49	8.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	6.8 U	49	6.8	ug/kg	
74-83-9	Methyl bromide	1.5 U	4.9	1.5	ug/kg	
74-87-3	Methyl chloride	1.4 U	4.9	1.4	ug/kg	
75-09-2	Methylene chloride	2.9 U	12	2.9	ug/kg	
78-93-3	Methyl ethyl ketone	7.0 U	49	7.0	ug/kg	
100-42-5	Styrene	0.94 U	4.9	0.94	ug/kg	
71-55-6	1,1,1-Trichloroethane	0.84 U	4.9	0.84	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	1.6 U	4.9	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	2.4 U	4.9	2.4	ug/kg	
127-18-4	Tetrachloroethylene	0.94 U	4.9	0.94	ug/kg	
108-88-3	Toluene	1.2 U	4.9	1.2	ug/kg	
79-01-6	Trichloroethylene	2.1 U	4.9	2.1	ug/kg	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.2 U	4.9	1.2	ug/kg	
1330-20-7	Xylene (total)	2.5 U	15	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%	94%	70-121%
2037-26-5	Toluene-D8	102%	99%	76-132%
460-00-4	4-Bromofluorobenzene	91%	87%	73-165%
17060-07-0	1,2-Dichloroethane-D4	81%	82%	57-122%

(a) Confirmation run.

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J155077.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	78 U	1000	78	ug/kg	
95-57-8	2-Chlorophenol	58 U	210	58	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	46 U	210	46	ug/kg	
120-83-2	2,4-Dichlorophenol	50 U	210	50	ug/kg	
105-67-9	2,4-Dimethylphenol	37 U	210	37	ug/kg	
51-28-5	2,4-Dinitrophenol	520 U	1000	520	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	83 U	420	83	ug/kg	
95-48-7	2-Methylphenol	39 U	210	39	ug/kg	
	3&4-Methylphenol	120 U	210	120	ug/kg	
88-75-5	2-Nitrophenol	48 U	210	48	ug/kg	
100-02-7	4-Nitrophenol	520 U	1000	520	ug/kg	
87-86-5	Pentachlorophenol	84 U	1000	84	ug/kg	
108-95-2	Phenol	37 U	210	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	54 U	210	54	ug/kg	
88-06-2	2,4,6-Trichlorophenol	65 U	210	65	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	57 U	210	57	ug/kg	
85-68-7	Butyl benzyl phthalate	57 U	210	57	ug/kg	
100-51-6	Benzyl Alcohol	57 U	210	57	ug/kg	
91-58-7	2-Chloronaphthalene	45 U	210	45	ug/kg	
106-47-8	4-Chloroaniline	150 U	210	150	ug/kg	
86-74-8	Carbazole	38 U	210	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	44 U	210	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	50 U	210	50	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	68 U	210	68	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	59 U	210	59	ug/kg	
95-50-1	1,2-Dichlorobenzene	35 U	210	35	ug/kg	
541-73-1	1,3-Dichlorobenzene	36 U	210	36	ug/kg	
106-46-7	1,4-Dichlorobenzene	77 U	210	77	ug/kg	
121-14-2	2,4-Dinitrotoluene	45 U	210	45	ug/kg	
606-20-2	2,6-Dinitrotoluene	56 U	210	56	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	90 U	420	90	ug/kg	
132-64-9	Dibenzofuran	55 U	210	55	ug/kg	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

ABN TCL List w/o PAHs

CAS No.	Compound	Result	RL	MDL	Units	Q
84-74-2	Di-n-butyl phthalate	56 U	210	56	ug/kg	
117-84-0	Di-n-octyl phthalate	49 U	210	49	ug/kg	
84-66-2	Diethyl phthalate	52 U	210	52	ug/kg	
131-11-3	Dimethyl phthalate	60 U	210	60	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	88 U	210	88	ug/kg	
118-74-1	Hexachlorobenzene	60 U	210	60	ug/kg	
87-68-3	Hexachlorobutadiene	59 U	210	59	ug/kg	
77-47-4	Hexachlorocyclopentadiene	350 U	1000	350	ug/kg	
67-72-1	Hexachloroethane	54 U	210	54	ug/kg	
78-59-1	Isophorone	45 U	210	45	ug/kg	
88-74-4	2-Nitroaniline	78 U	210	78	ug/kg	
99-09-2	3-Nitroaniline	84 U	210	84	ug/kg	
100-01-6	4-Nitroaniline	110 U	210	110	ug/kg	
98-95-3	Nitrobenzene	34 U	210	34	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	52 U	210	52	ug/kg	
86-30-6	N-Nitrosodiphenylamine	52 U	210	52	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	53 U	210	53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		26-124%
4165-62-2	Phenol-d5	75%		19-106%
118-79-6	2,4,6-Tribromophenol	102%		18-129%
4165-60-0	Nitrobenzene-d5	77%		18-104%
321-60-8	2-Fluorobiphenyl	81%		21-114%
1718-51-0	Terphenyl-d14	110%		24-149%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
79-34-5	Ethane, 1,1,2,2-tetrachloro-	3.94	180	ug/kg	JN
10544-50-0	Cyclic octaatomic sulfur	13.49	82	ug/kg	JN
	Total TIC, Semi-Volatile		262	ug/kg	J

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V1403.D	1	09/07/10	MK	09/06/10	OP15933	EV82
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	11.2	8.3	1.4	ug/kg	
208-96-8	Acenaphthylene	12.7	8.3	2.9	ug/kg	
120-12-7	Anthracene	1.6 U	8.3	1.6	ug/kg	
56-55-3	Benzo(a)anthracene	1.3 U	8.3	1.3	ug/kg	
50-32-8	Benzo(a)pyrene	4.5 U	8.3	4.5	ug/kg	
205-99-2	Benzo(b)fluoranthene	4.4 U	8.3	4.4	ug/kg	
191-24-2	Benzo(g,h,i)perylene	8.3 U	8.3	8.3	ug/kg	
207-08-9	Benzo(k)fluoranthene	5.4 U	8.3	5.4	ug/kg	
218-01-9	Chrysene	2.1 U	8.3	2.1	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	8.0 U	8.3	8.0	ug/kg	
206-44-0	Fluoranthene	1.8 U	8.3	1.8	ug/kg	
86-73-7	Fluorene	7.8	8.3	2.9	ug/kg	J
193-39-5	Indeno(1,2,3-cd)pyrene	6.2 U	8.3	6.2	ug/kg	
91-57-6	2-Methylnaphthalene	11.0	8.3	1.4	ug/kg	
91-20-3	Naphthalene	16.8	8.3	1.3	ug/kg	
85-01-8	Phenanthrene	1.2 U	8.3	1.2	ug/kg	
129-00-0	Pyrene	2.8 U	8.3	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		10-127%
321-60-8	2-Fluorobiphenyl	65%		11-133%
1718-51-0	Terphenyl-d14	86%		15-187%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8015	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB0001859.D	1	09/07/10	AT	n/a	n/a	GBB109
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.27 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.44 U	7.4	0.44	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		46-127%
98-08-8	aaa-Trifluorotoluene	101%		44-120%

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	78.6
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	JJ6298.D	1	09/07/10	EM	09/06/10	OP15930	GJF53
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	3.4 U	4.1	3.4	mg/kg	
	TPH (> C28-C35)	2.7 U	4.1	2.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		33-115%

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RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-R680-100905-SD-1		
Lab Sample ID:	T59309-4	**Date Sampled:**	09/05/10
Matrix:	SO - Sediment	**Date Received:**	09/06/10
		Percent Solids:	78.6
Project:	DeepWater Horizon Weekday		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5390	14	1.0	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Antimony	0.12 U	0.69	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Arsenic	3.3	0.69	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Barium	39.9	14	0.095	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Beryllium	0.12 B	0.35	0.0076	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Cadmium	0.019 U	0.35	0.019	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Calcium	18200	350	1.8	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Chromium	7.6	0.69	0.032	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Cobalt	4.1	3.5	0.042	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Copper	1.6 B	1.7	0.077	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Iron	6890	6.9	1.5	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Lead	4.2	0.69	0.069	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Magnesium	4280	350	1.8	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Manganese	125	1.0	0.051	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Nickel	9.0	2.8	0.079	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Potassium	1360	350	14	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Selenium	0.28 B	0.69	0.20	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Silver	0.080 U	0.69	0.080	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Sodium	3140	350	2.3	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Vanadium	11.5	3.5	0.046	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]
Zinc	22.4	1.4	0.12	mg/kg	1	09/07/10	09/08/10	TW	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA5079
(2) Prep QC Batch: MP12743

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-V-20100905-FB-1		
Lab Sample ID:	T59309-5	**Date Sampled:**	09/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E0001683.D	1	09/07/10	JL	n/a	n/a	VE109
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.7 U	50	4.7	ug/l	
71-43-2	Benzene	0.50 U	2.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.49 U	2.0	0.49	ug/l	
75-25-2	Bromoform	1.4 U	2.0	1.4	ug/l	
108-90-7	Chlorobenzene	0.56 U	2.0	0.56	ug/l	
75-00-3	Chloroethane	0.92 U	2.0	0.92	ug/l	
67-66-3	Chloroform	0.64 U	2.0	0.64	ug/l	
75-15-0	Carbon disulfide	0.53 U	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	0.66 U	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	0.52 U	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.62 U	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	0.62 U	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	0.61 U	2.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.56 U	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.48 U	2.0	0.48	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.68 U	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	0.55 U	2.0	0.55	ug/l	
591-78-6	2-Hexanone	3.2 U	10	3.2	ug/l	
108-10-1	4-Methyl-2-pentanone	9.9 U	10	9.9	ug/l	
74-83-9	Methyl bromide	0.94 U	2.0	0.94	ug/l	
74-87-3	Methyl chloride	0.84 U	2.0	0.84	ug/l	
75-09-2	Methylene chloride	0.41 U	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	3.9 U	10	3.9	ug/l	
100-42-5	Styrene	0.56 U	2.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	0.62 U	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	1.2 U	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	0.98 U	2.0	0.98	ug/l	
127-18-4	Tetrachloroethylene	0.91 U	2.0	0.91	ug/l	
108-88-3	Toluene	0.43 U	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	0.52 U	2.0	0.52	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-V-20100905-FB-1		
Lab Sample ID:	T59309-5	**Date Sampled:**	09/05/10
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.0 U	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	1.7 U	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		79-122%
17060-07-0	1,2-Dichloroethane-D4	96%		75-121%
2037-26-5	Toluene-D8	102%		87-119%
460-00-4	4-Bromofluorobenzene	102%		80-133%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
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Accutest Laboratories

Report of Analysis

Client Sample ID:	T001-V-20100905-TB-1		
Lab Sample ID:	T59309-6	**Date Sampled:**	09/05/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E0001684.D	1	09/07/10	JL	n/a	n/a	VE109
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.7 U	50	4.7	ug/l	
71-43-2	Benzene	0.50 U	2.0	0.50	ug/l	
75-27-4	Bromodichloromethane	0.49 U	2.0	0.49	ug/l	
75-25-2	Bromoform	1.4 U	2.0	1.4	ug/l	
108-90-7	Chlorobenzene	0.56 U	2.0	0.56	ug/l	
75-00-3	Chloroethane	0.92 U	2.0	0.92	ug/l	
67-66-3	Chloroform	0.64 U	2.0	0.64	ug/l	
75-15-0	Carbon disulfide	0.53 U	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	0.66 U	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	0.52 U	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	0.62 U	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	0.62 U	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	0.61 U	2.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.56 U	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.48 U	2.0	0.48	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.45 U	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.68 U	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	0.55 U	2.0	0.55	ug/l	
591-78-6	2-Hexanone	3.2 U	10	3.2	ug/l	
108-10-1	4-Methyl-2-pentanone	9.9 U	10	9.9	ug/l	
74-83-9	Methyl bromide	0.94 U	2.0	0.94	ug/l	
74-87-3	Methyl chloride	0.84 U	2.0	0.84	ug/l	
75-09-2	Methylene chloride	0.41 U	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	3.9 U	10	3.9	ug/l	
100-42-5	Styrene	0.56 U	2.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	0.62 U	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	1.2 U	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	0.98 U	2.0	0.98	ug/l	
127-18-4	Tetrachloroethylene	0.91 U	2.0	0.91	ug/l	
108-88-3	Toluene	0.43 U	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	0.52 U	2.0	0.52	ug/l	

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	T001-V-20100905-TB-1		
Lab Sample ID:	T59309-6	**Date Sampled:**	09/05/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	DeepWater Horizon Weekday		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	1.0 U	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	1.7 U	6.0	1.7	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		79-122%
17060-07-0	1,2-Dichloroethane-D4	95%		75-121%
2037-26-5	Toluene-D8	100%		87-119%
460-00-4	4-Bromofluorobenzene	102%		80-133%

U = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Gulf Coast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

T59309

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100905-004

Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
1	T001-R678-100905-SW-07-1	8270, PAH, DRO	Surface Water	Grab	9/5/2010	11:15	4	1 liter amber	4 C	N	
	T001-R678-100905-SW-07-1	Metals	Surface Water	Grab	9/5/2010	11:15	1	500ml Poly	HNO3 pH<2	N	
	T001-R678-100905-SW-07-1	Metals, Dissolved	Surface Water	Grab	9/5/2010	11:15	1	500ml Poly	4 C	N	
	T001-R678-100905-SW-07-1	Oil & Grease	Surface Water	Grab	9/5/2010	11:15	1	1 liter WMG	H2SO4 pH<2	N	
2	T001-R680-100905-SW-06-1	8270, PAH, DRO	Surface Water	Grab	9/5/2010	13:00	4	1 liter amber	4 C	N	
	T001-R680-100905-SW-06-1	Metals	Surface Water	Grab	9/5/2010	13:00	1	500ml Poly	HNO3 pH<2	N	
	T001-R680-100905-SW-06-1	Metals, Dissolved	Surface Water	Grab	9/5/2010	13:00	1	500ml Poly	4 C	N	
	T001-R680-100905-SW-06-1	Oil & Grease	Surface Water	Grab	9/5/2010	13:00	1	1 liter WMG	H2SO4 pH<2	N	

Special Instructions: 24 hour turnaround.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	9/5/10	Willie H.	9-5-10	1820		Willie H.	9-5-10 2130	[illegible]	9/5/2010	2143
	[illegible]	9/6/10 0308	[illegible]	9/6/10	0308						

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T59309: Chain of Custody
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T59309

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100905-003

Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
3	T001-R678-100905-SD-1	8270,PAH,DRO,Metals, O&G	Sediment	Grab	9/5/2010	12:00	1	8oz glass	4 C	N	
"	T001-R678-100905-SD-1	Grain size	Sediment	Grab	9/5/2010	12:00	1	8oz glass	4 C	N	
4	T001-R680-100905-SD-1	8270,PAH,DRO,Metals, O&G	Sediment	Grab	9/5/2010	13:30	1	8oz glass	4 C	N	
"	T001-R680-100905-SD-1	Grain size	Sediment	Grab	9/5/2010	13:30	1	8oz glass	4 C	N	

Special Instructions: 24 hour turnaround.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	9/5/10	Willie H.	9-5-10	1820		Willie H.	9-5-10 2130	[signature]	9/5/10	2143
	[signature]	9/6/10 0305	[signature]	9/6/10	0305						

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T59309: Chain of Custody
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T59309

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100905-001

Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
3	T001-R678-100905-SD-1	8260, GRO, TOC	Sediment	Grab	9/5/2010	12:00	1	4 oz glass	4 C	N	
1	T001-R678-100905-SW-07-1	8260, GRO, TOC	Surface Water	Grab	9/5/2010	11:15	8	40 ml VOA	HCl	N	
4	T001-R680-100905-SD-1	8260, GRO, TOC	Sediment	Grab	9/5/2010	13:30	1	4 oz glass	4 C	N	
2	T001-R680-100905-SW-06-1	8260, GRO, TOC	Surface Water	Grab	9/5/2010	13:00	8	40 ml VOA	HCl	N	
5	T001-V-20100905-FB-1	VOCs	Blank	Grab	9/5/2010	11:15	2	40 ml VOA	HCl	N	
6	T001-V-20100905-TB-1	VOCs	Blank	Grab	9/5/2010		2	40 ml VOA	HCl	N	

Special Instructions: 24 hour turnaround.

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[illegible]	9/5/10	Willie H.	9-5-10	1820		Willie H.	9-5-10	[illegible]	9/5/10	2143
	[illegible]	9/6/10 0308	[illegible]	9/6/10	0308			2130			

T59309: Chain of Custody
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T59309

Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting

Lab: Accutest
Lab_State: TX

No: T0001-100405-20100905-002

Lab Address: 10165 Harwin Drive - Suite 150
Lab_City: Houston
Lab_Zip: 77036

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
73	T001-R678-100905-SD-1	Toxicity	Sediment	Grab	9/5/2010	12:00	1	2 Gal Plastic Bucket	4 C	N	
74	T001-R680-100905-SD-1	Toxicity	Sediment	Grab	9/5/2010	13:30	1	2 Gal Plastic Bucket	4 C	N	

Special Instructions: 24 hour turnaround.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
	[signature]	9/5/10	Willie H.	9-5-10	1820		Willie H.	9-5-10 2130	[signature]	9/5/10	2143
	[signature]	9/6/10 0708	[signature]	9/6/10	0708						

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T59309: Chain of Custody
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SAMPLE INSPECTION FORM

Accutest Job Number: T59309 Client: WESTON SOLUTIONS Date/Time Received: 9/6/10 0308

# of Coolers Received: 3 Thermometer #: 110 Temperature Adjustment Factor: -0.5°C

Cooler Temperatures (initial/adjusted): #1: 2.2/1.7°C #2: 2.6/2.1°C #3: 1.8/1.3°C #4: ____ #5: ____

#6: ____ #7: ____ #8: ____ #9: ____ #10 ____ #11 ____ #12 ____

Method of Delivery: FEDEX UPS (Accutest Courier) Greyhound Delivery Other

COOLER INFORMATION

- [ ] Custody seal missing or not intact
- [ ] Temperature criteria not met
- [ ] Wet ice received in cooler

CHAIN OF CUSTODY

- [ ] Chain of Custody not received
- [ ] Sample D/T unclear or missing
- [ ] Analyses unclear or missing
- [ ] COC not properly executed

SAMPLE INFORMATION

- [ ] Sample containers received broken
- [ ] VOC vials have headspace
- [ ] Sample labels missing or illegible
- [ ] ID on COC does not match label(s)
- [ ] D/T on COC does not match label(s)
- [ ] Sample/Bottles rcvd but no analysis on COC
- [ ] Sample listed on COC, but not received
- [ ] Bottles missing for requested analysis
- [ ] Insufficient volume for analysis
- [ ] Sample received improperly preserved

TRIP BLANK INFORMATION

- [ ] Trip Blank on COC but not received
- [ ] Trip Blank received but not on COC
- [ ] Trip Blank not intact
- [X] Received Water Trip Blank
- [ ] Received Soil TB

Number of Encores? ____
Number of 5035 kits? ____
Number of lab-filtered metals? ____

Summary of Discrepancies:

TECHNICIAN SIGNATURE/DATE: [signature] 9/6/10

INFORMATION AND SAMPLE LABELING VERIFIED BY: ____

CORRECTIVE ACTIONS

Client Representative Notified: ____ **Date:** ____

By Accutest Representative: ____ **Via:** Phone Email

Client Instructions:

i:\nwalker\form\samplemanagement SM023 Revised 8/11/10

SAMPLE RECEIPT LOG

JOB #: T59309 DATE/TIME RECEIVED: 9/6/10 0308

CLIENT: WESTON SOLUTIONS INITIALS: IS

COOLER#	SAMPLE ID	FIELD ID	DATE	MATRIX	VOL	BOTTLE #	LOCATION	PRESERV	PH
1	1	T001-R678-100905-SW-07-1	9/5/10 1115	W	LAG	1-4	1-C	(1) 2 3 4 5 6 7 8	<2 >12
					500ml	5		1 2 (3) 4 5 6 7 8	(<2) >12
					"	6		(1) 2 3 4 5 6 7 8	<2 >12
					LCG	7	3-K	1 2 3 (4) 5 6 7 8	(<2) >12
2					40ml	8-9	"	1 (2) 3 4 5 6 7 8	<2 >12
"					"	10-15	VR	1 (2) 3 4 5 6 7 8	<2 >12
1	2	T001-R680-100905-SW-06-1	1300		LAG	1-4	1-C	(1) 2 3 4 5 6 7 8	<2 >12
					500ml	5		1 2 (3) 4 5 6 7 8	(<2) >12
					"	6		(1) 2 3 4 5 6 7 8	<2 >12
					LCG	7	3-K	1 2 3 (4) 5 6 7 8	(<2) >12
2					40ml	8-9	"	1 (2) 3 4 5 6 7 8	<2 >12
					"	10-15	VR	1 (2) 3 4 5 6 7 8	<2 >12
	3	T001-R678-100905-SD-1	1200	SED	8oz	1	2-66	(1) 2 3 4 5 6 7 8	<2 >12
					4oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					8oz	3	SUB	(1) 2 3 4 5 6 7 8	<2 >12
	4	T001-R680-100905-SD-1	1330		8oz	1	2-66	(1) 2 3 4 5 6 7 8	<2 >12
					4oz	2	VR	(1) 2 3 4 5 6 7 8	<2 >12
					8oz	3	SUB	(1) 2 3 4 5 6 7 8	<2 >12
	5	T001-V-20100905-FB-1	1115		40ml	1-2	VR	1 (2) 3 4 5 6 7 8	<2 >12
	6	T001-V-20100905-TB-1	—		"	1-2	"	1 (2) 3 4 5 6 7 8	<2 >12
	3 ~~7~~	T001-R678-100905-SD-1	1200		BUCKET	4	SUB	(1) 2 3 4 5 6 7 8	<2 >12
	4 8	T001-R680-100905-SD-1	1330		"	4	"	(1) 2 3 4 5 6 7 8	<2 >12

PRESERVATIVES: 1: None 2: HCL 3: HNO3 4: H2SO4 5: NAOH 6: DI 7: MeOH 8: Other

LOCATION: 1: Walk-In #1 (Waters) 2: Walk-In #2 (Soils) VR: Volatile Fridge M: Metals SUB: Subcontract EF: Encore Freezer

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T59309: Chain of Custody

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Gulf Coast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2602-MB	Y0041928.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	8.3	ug/kg	
71-43-2	Benzene	ND	4.0	0.70	ug/kg	
75-27-4	Bromodichloromethane	ND	4.0	0.74	ug/kg	
75-25-2	Bromoform	ND	4.0	0.93	ug/kg	
108-90-7	Chlorobenzene	ND	4.0	0.56	ug/kg	
75-00-3	Chloroethane	ND	4.0	0.91	ug/kg	
67-66-3	Chloroform	ND	4.0	0.61	ug/kg	
75-15-0	Carbon disulfide	ND	4.0	0.56	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.0	0.91	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.0	0.77	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.0	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	4.0	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.0	0.54	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.0	0.79	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.0	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	4.0	0.90	ug/kg	
591-78-6	2-Hexanone	ND	40	6.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	5.6	ug/kg	
74-83-9	Methyl bromide	ND	4.0	1.2	ug/kg	
74-87-3	Methyl chloride	ND	4.0	1.1	ug/kg	
75-09-2	Methylene chloride	ND	10	2.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	5.8	ug/kg	
100-42-5	Styrene	ND	4.0	0.77	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.0	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.0	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.0	0.77	ug/kg	
108-88-3	Toluene	ND	4.0	0.95	ug/kg	
79-01-6	Trichloroethylene	ND	4.0	1.7	ug/kg	
75-01-4	Vinyl chloride	ND	4.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	12	2.1	ug/kg	

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2602-MB	Y0041928.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-121%
2037-26-5	Toluene-D8	101%	76-132%
460-00-4	4-Bromofluorobenzene	87%	73-165%
17060-07-0	1,2-Dichloroethane-D4	82%	57-122%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE109-MB	E0001676.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	4.7	ug/l	
71-43-2	Benzene	ND	2.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.49	ug/l	
75-25-2	Bromoform	ND	2.0	1.4	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.56	ug/l	
75-00-3	Chloroethane	ND	2.0	0.92	ug/l	
67-66-3	Chloroform	ND	2.0	0.64	ug/l	
75-15-0	Carbon disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.66	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.52	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.62	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.56	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.45	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.68	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.55	ug/l	
591-78-6	2-Hexanone	ND	10	3.2	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	9.9	ug/l	
74-83-9	Methyl bromide	ND	2.0	0.94	ug/l	
74-87-3	Methyl chloride	ND	2.0	0.84	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.41	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	3.9	ug/l	
100-42-5	Styrene	ND	2.0	0.56	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.62	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.98	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.91	ug/l	
108-88-3	Toluene	ND	2.0	0.43	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.52	ug/l	
75-01-4	Vinyl chloride	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.7	ug/l	

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE109-MB	E0001676.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	75-121%
2037-26-5	Toluene-D8	103%	87-119%
460-00-4	4-Bromofluorobenzene	104%	80-133%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2602-BS	Y0041926.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	215	86	62-133
71-43-2	Benzene	50	47.5	95	70-114
75-27-4	Bromodichloromethane	50	46.8	94	71-104
75-25-2	Bromoform	50	49.8	100	72-116
108-90-7	Chlorobenzene	50	46.3	93	72-113
75-00-3	Chloroethane	50	43.8	88	51-133
67-66-3	Chloroform	50	45.8	92	74-115
75-15-0	Carbon disulfide	50	45.8	92	44-112
56-23-5	Carbon tetrachloride	50	49.7	99	62-115
75-34-3	1,1-Dichloroethane	50	45.0	90	72-116
75-35-4	1,1-Dichloroethylene	50	47.3	95	59-122
107-06-2	1,2-Dichloroethane	50	44.0	88	73-109
78-87-5	1,2-Dichloropropane	50	46.7	93	73-111
124-48-1	Dibromochloromethane	50	46.9	94	74-115
156-59-2	cis-1,2-Dichloroethylene	50	51.0	102	69-110
10061-01-5	cis-1,3-Dichloropropene	50	48.6	97	75-115
156-60-5	trans-1,2-Dichloroethylene	50	48.5	97	66-119
10061-02-6	trans-1,3-Dichloropropene	50	47.5	95	76-122
100-41-4	Ethylbenzene	50	47.7	95	60-119
591-78-6	2-Hexanone	250	214	86	61-131
108-10-1	4-Methyl-2-pentanone	250	256	102	64-128
74-83-9	Methyl bromide	50	46.3	93	64-117
74-87-3	Methyl chloride	50	48.8	98	46-139
75-09-2	Methylene chloride	50	42.3	85	66-113
78-93-3	Methyl ethyl ketone	250	244	98	65-129
100-42-5	Styrene	50	48.5	97	65-99
71-55-6	1,1,1-Trichloroethane	50	47.7	95	65-118
79-34-5	1,1,2,2-Tetrachloroethane	50	43.5	87	65-121
79-00-5	1,1,2-Trichloroethane	50	43.8	88	73-110
127-18-4	Tetrachloroethylene	50	51.3	103	62-119
108-88-3	Toluene	50	45.8	92	68-115
79-01-6	Trichloroethylene	50	50.4	101	67-113
75-01-4	Vinyl chloride	50	42.6	85	50-106
1330-20-7	Xylene (total)	150	148	99	61-115

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY2602-BS	Y0041926.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-121%
2037-26-5	Toluene-D8	97%	76-132%
460-00-4	4-Bromofluorobenzene	88%	73-165%
17060-07-0	1,2-Dichloroethane-D4	82%	57-122%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE109-BS	E0001675.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	127	102	62-124
71-43-2	Benzene	25	24.1	96	76-118
75-27-4	Bromodichloromethane	25	23.4	94	68-107
75-25-2	Bromoform	25	22.2	89	64-103
108-90-7	Chlorobenzene	25	24.1	96	74-111
75-00-3	Chloroethane	25	25.1	100	75-135
67-66-3	Chloroform	25	24.1	96	75-117
75-15-0	Carbon disulfide	25	24.7	99	57-126
56-23-5	Carbon tetrachloride	25	23.8	95	75-125
75-34-3	1,1-Dichloroethane	25	24.7	99	76-121
75-35-4	1,1-Dichloroethylene	25	25.8	103	71-128
107-06-2	1,2-Dichloroethane	25	23.5	94	70-111
78-87-5	1,2-Dichloropropane	25	24.5	98	71-113
124-48-1	Dibromochloromethane	25	23.7	95	69-104
156-59-2	cis-1,2-Dichloroethylene	25	24.3	97	68-113
10061-01-5	cis-1,3-Dichloropropene	25	25.1	100	71-111
156-60-5	trans-1,2-Dichloroethylene	25	23.9	96	70-125
10061-02-6	trans-1,3-Dichloropropene	25	24.6	98	75-111
100-41-4	Ethylbenzene	25	24.9	100	75-112
591-78-6	2-Hexanone	125	135	108	60-113
108-10-1	4-Methyl-2-pentanone	125	136	109	63-115
74-83-9	Methyl bromide	25	26.1	104	59-132
74-87-3	Methyl chloride	25	29.7	119	56-150
75-09-2	Methylene chloride	25	23.5	94	70-113
78-93-3	Methyl ethyl ketone	125	126	101	62-117
100-42-5	Styrene	25	24.1	96	66-100
71-55-6	1,1,1-Trichloroethane	25	23.6	94	76-125
79-34-5	1,1,2,2-Tetrachloroethane	25	26.4	106	67-110
79-00-5	1,1,2-Trichloroethane	25	24.9	100	69-107
127-18-4	Tetrachloroethylene	25	24.5	98	77-120
108-88-3	Toluene	25	24.4	98	77-114
79-01-6	Trichloroethylene	25	25.3	101	74-117
75-01-4	Vinyl chloride	25	27.8	111	64-121
1330-20-7	Xylene (total)	75	74.7	100	75-111

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE109-BS	E0001675.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	79-122%
17060-07-0	1,2-Dichloroethane-D4	96%	75-121%
2037-26-5	Toluene-D8	103%	87-119%
460-00-4	4-Bromofluorobenzene	102%	80-133%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59309-4MS	Y0041933.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4MSD	Y0041934.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4 [a]	Y0041930.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4	Y0041937.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Compound	T59309-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	49 U [b]		283	233	82	240	83	3	62-133/34
71-43-2	Benzene	4.9 U [b]		56.7	49.0	86	47.2	82	4	70-114/38
75-27-4	Bromodichloromethane	4.9 U [b]		56.7	39.9	70*	36.8	64*	8	71-104/35
75-25-2	Bromoform	4.9 U [b]		56.7	36.3	64*	34.9	61*	4	72-116/34
108-90-7	Chlorobenzene	4.9 U [b]		56.7	48.6	86	47.4	82	3	72-113/37
75-00-3	Chloroethane	4.9 U [b]		56.7	41.2	73	39.8	69	3	51-133/36
67-66-3	Chloroform	4.9 U [b]		56.7	49.2	87	48.2	84	2	74-115/35
75-15-0	Carbon disulfide	4.9 U [b]		56.7	27.1	48	25.3	44	7	44-112/39
56-23-5	Carbon tetrachloride	4.9 U [b]		56.7	38.9	69	34.2	59*	13	62-115/38
75-34-3	1,1-Dichloroethane	4.9 U [b]		56.7	46.5	82	45.9	80	1	72-116/37
75-35-4	1,1-Dichloroethylene	4.9 U [b]		56.7	44.9	79	43.2	75	4	59-122/38
107-06-2	1,2-Dichloroethane	4.9 U [b]		56.7	45.4	80	45.4	79	0	73-109/33
78-87-5	1,2-Dichloropropane	4.9 U [b]		56.7	48.2	85	47.2	82	2	73-111/35
124-48-1	Dibromochloromethane	4.9 U [b]		56.7	38.0	67*	35.6	62*	7	74-115/34
156-59-2	cis-1,2-Dichloroethylene	4.9 U [b]		56.7	52.7	93	51.1	89	3	69-110/36
10061-01-5	cis-1,3-Dichloropropene	4.9 U [b]		56.7	43.1	76	37.5	65*	14	75-115/36
156-60-5	trans-1,2-Dichloroethylene	4.9 U [b]		56.7	48.1	85	46.1	80	4	66-119/38
10061-02-6	trans-1,3-Dichloropropene	4.9 U [b]		56.7	45.0	79	41.2	72*	9	76-122/34
100-41-4	Ethylbenzene	4.9 U [b]		56.7	50.1	88	48.4	84	3	60-119/40
591-78-6	2-Hexanone	49 U [b]		283	219	77	224	78	2	61-131/37
108-10-1	4-Methyl-2-pentanone	49 U [b]		283	248	87	257	89	4	64-128/37
74-83-9	Methyl bromide	4.9 U [b]		56.7	42.4	75	38.7	67	9	64-117/36
74-87-3	Methyl chloride	4.9 U [b]		56.7	48.4	85	46.1	80	5	46-139/33
75-09-2	Methylene chloride	12 U [b]		56.7	44.8	79	44.9	78	0	66-113/34
78-93-3	Methyl ethyl ketone	49 U [b]		283	230	81	234	81	2	65-129/36
100-42-5	Styrene	4.9 U [b]		56.7	48.3	85	47.9	83	1	65-99/38
71-55-6	1,1,1-Trichloroethane	4.9 U [b]		56.7	47.1	83	45.7	79	3	65-118/38
79-34-5	1,1,2,2-Tetrachloroethane	4.9 U [b]		56.7	45.7	81	44.1	77	4	65-121/37
79-00-5	1,1,2-Trichloroethane	4.9 U [b]		56.7	47.0	83	46.8	81	0	73-110/34
127-18-4	Tetrachloroethylene	4.9 U [b]		56.7	84.8	150*	87.7	152*	3	62-119/40
108-88-3	Toluene	4.9 U [b]		56.7	50.1	88	47.2	82	6	68-115/38
79-01-6	Trichloroethylene	4.9 U [b]		56.7	55.3	98	55.3	96	0	67-113/39
75-01-4	Vinyl chloride	4.9 U [b]		56.7	41.2	73	38.0	66	8	50-106/33
1330-20-7	Xylene (total)	15 U [b]		170	156	92	151	88	3	61-115/39

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59309-4MS	Y0041933.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4MSD	Y0041934.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4 [a]	Y0041930.D	1	09/07/10	FI	n/a	n/a	VY2602
T59309-4	Y0041937.D	1	09/07/10	FI	n/a	n/a	VY2602

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-3, T59309-4

CAS No.	Surrogate Recoveries	MS	MSD	T59309-4	T59309-4	Limits
1868-53-7	Dibromofluoromethane	92%	94%	94%	92%	70-121%
2037-26-5	Toluene-D8	101%	99%	99%	102%	76-132%
460-00-4	4-Bromofluorobenzene	91%	89%	87%	91%	73-165%
17060-07-0	1,2-Dichloroethane-D4	77%	77%	82%	81%	57-122%

(a) Confirmation run.
(b) Result is from Run #2.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59309-2MS	E0001687.D	1	09/07/10	JL	n/a	n/a	VE109
T59309-2MSD	E0001688.D	1	09/07/10	JL	n/a	n/a	VE109
T59309-2	E0001686.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Compound	T59309-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50 U		125	145	116	150	120	3	62-124/21
71-43-2	Benzene	2.0 U		25	23.7	95	22.6	90	5	76-118/16
75-27-4	Bromodichloromethane	2.0 U		25	22.2	89	20.4	82	8	68-107/12
75-25-2	Bromoform	2.0 U		25	20.8	83	19.8	79	5	64-103/14
108-90-7	Chlorobenzene	2.0 U		25	23.9	96	22.9	92	4	74-111/11
75-00-3	Chloroethane	2.0 U		25	24.9	100	23.2	93	7	75-135/15
67-66-3	Chloroform	2.0 U		25	23.4	94	22.3	89	5	75-117/12
75-15-0	Carbon disulfide	2.0 U		25	18.0	72	16.2	65	11	57-126/13
56-23-5	Carbon tetrachloride	2.0 U		25	22.7	91	20.0	80	13*	75-125/12
75-34-3	1,1-Dichloroethane	2.0 U		25	24.0	96	23.0	92	4	76-121/13
75-35-4	1,1-Dichloroethylene	2.0 U		25	25.0	100	23.6	94	6	71-128/19
107-06-2	1,2-Dichloroethane	2.0 U		25	23.5	94	22.7	91	3	70-111/14
78-87-5	1,2-Dichloropropane	2.0 U		25	24.2	97	23.0	92	5	71-113/12
124-48-1	Dibromochloromethane	2.0 U		25	22.7	91	20.7	83	9	69-104/12
156-59-2	cis-1,2-Dichloroethylene	2.0 U		25	24.5	98	23.5	94	4	68-113/13
10061-01-5	cis-1,3-Dichloropropene	2.0 U		25	22.8	91	21.0	84	8	71-111/12
156-60-5	trans-1,2-Dichloroethylene	2.0 U		25	23.2	93	21.9	88	6	70-125/14
10061-02-6	trans-1,3-Dichloropropene	2.0 U		25	22.5	90	21.5	86	5	75-111/12
100-41-4	Ethylbenzene	2.0 U		25	24.5	98	23.5	94	4	75-112/12
591-78-6	2-Hexanone	10 U		125	216	173*	222	178*	3	60-113/18
108-10-1	4-Methyl-2-pentanone	10 U		125	195	156*	201	161*	3	63-115/21
74-83-9	Methyl bromide	2.0 U		25	25.0	100	23.0	92	8	59-132/15
74-87-3	Methyl chloride	2.0 U		25	30.5	122	28.5	114	7	56-150/17
75-09-2	Methylene chloride	5.0 U		25	22.3	89	21.6	86	3	70-113/13
78-93-3	Methyl ethyl ketone	10 U		125	163	130*	172	138*	5	62-117/21
100-42-5	Styrene	2.0 U		25	22.8	91	20.6	82	10	66-100/11
71-55-6	1,1,1-Trichloroethane	2.0 U		25	22.6	90	21.2	85	6	76-125/11
79-34-5	1,1,2,2-Tetrachloroethane	2.0 U		25	30.2	121*	30.0	120*	1	67-110/20
79-00-5	1,1,2-Trichloroethane	2.0 U		25	25.0	100	25.0	100	0	69-107/14
127-18-4	Tetrachloroethylene	2.0 U		25	24.8	99	23.9	96	4	77-120/13
108-88-3	Toluene	2.0 U		25	24.3	97	23.4	94	4	77-114/12
79-01-6	Trichloroethylene	2.0 U		25	25.1	100	24.1	96	4	74-117/12
75-01-4	Vinyl chloride	2.0 U		25	27.0	108	25.2	101	7	64-121/19
1330-20-7	Xylene (total)	6.0 U		75	73.3	98	69.8	93	5	75-111/12

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59309-2MS	E0001687.D	1	09/07/10	JL	n/a	n/a	VE109
T59309-2MSD	E0001688.D	1	09/07/10	JL	n/a	n/a	VE109
T59309-2	E0001686.D	1	09/07/10	JL	n/a	n/a	VE109

The QC reported here applies to the following samples: **Method:** SW846 8260B

T59309-1, T59309-2, T59309-5, T59309-6

CAS No.	Surrogate Recoveries	MS	MSD	T59309-2	Limits
1868-53-7	Dibromofluoromethane	98%	97%	97%	79-122%
17060-07-0	1,2-Dichloroethane-D4	95%	93%	97%	75-121%
2037-26-5	Toluene-D8	103%	102%	103%	87-119%
460-00-4	4-Bromofluorobenzene	103%	97%	101%	80-133%

Instrument Performance Check (BFB)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE78-BFB
Lab File ID: E0001250.D
Instrument ID: GCMSE
Injection Date: 08/17/10
Injection Time: 16:06

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	1022	23.4		Pass
75	30.0 - 60.0% of mass 95	2395	54.7		Pass
95	Base peak, 100% relative abundance	4375	100.0		Pass
96	5.0 - 9.0% of mass 95	312	7.1		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	3908	89.3		Pass
175	5.0 - 9.0% of mass 174	302	6.9	(7.7) [a]	Pass
176	95.0 - 101.0% of mass 174	3933	89.9	(100.6) [a]	Pass
177	5.0 - 9.0% of mass 176	224	5.1	(5.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE77-IC77	E0001251.D	08/17/10	16:30	00:24	Initial cal 1
VE77-IC77	E0001252.D	08/17/10	16:54	00:48	Initial cal 2
VE77-IC77	E0001253.D	08/17/10	17:17	01:11	Initial cal 5
VE77-IC77	E0001254.D	08/17/10	17:40	01:34	Initial cal 20
VE77-ICC77	E0001255.D	08/17/10	18:04	01:58	Initial cal 40
VE77-IC77	E0001256.D	08/17/10	18:28	02:22	Initial cal 70
VE77-IC77	E0001257.D	08/17/10	18:51	02:45	Initial cal 100
VE77-IC77	E0001258.D	08/17/10	19:15	03:09	Initial cal 200
VE77-ICV77	E0001260.D	08/17/10	20:02	03:56	Initial cal verification 40
VE77-BS	E0001261.D	08/17/10	20:25	04:19	Blank Spike
VE77-MB	E0001262.D	08/17/10	20:49	04:43	Method Blank
T58139-2	E0001263.D	08/17/10	21:13	05:07	(used for QC only; not part of job T59309)
T58139-2MS	E0001264.D	08/17/10	21:36	05:30	Matrix Spike
T58139-2MSD	E0001265.D	08/17/10	21:59	05:53	Matrix Spike Duplicate
ZZZZZZ	E0001266.D	08/17/10	22:23	06:17	(unrelated sample)
ZZZZZZ	E0001267.D	08/17/10	22:47	06:41	(unrelated sample)
OP15699-LB	E0001268.D	08/17/10	23:10	07:04	Leachate Blank
T57673-2	E0001270.D	08/17/10	23:57	07:51	(used for QC only; not part of job T59309)
T57673-2MS	E0001271.D	08/18/10	00:21	08:15	Matrix Spike
T57673-2MSD	E0001272.D	08/18/10	00:44	08:38	Matrix Spike Duplicate
ZZZZZZ	E0001273.D	08/18/10	01:07	09:01	(unrelated sample)
ZZZZZZ	E0001274.D	08/18/10	01:31	09:25	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE110-BFB
Lab File ID: E0001673.D
Instrument ID: GCMSE
Injection Date: 09/07/10
Injection Time: 09:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	853	23.4		Pass
75	30.0 - 60.0% of mass 95	2041	56.0		Pass
95	Base peak, 100% relative abundance	3643	100.0		Pass
96	5.0 - 9.0% of mass 95	260	7.14		Pass
173	Less than 2.0% of mass 174	33	0.91	(1.02) [a]	Pass
174	50.0 - 100.0% of mass 95	3234	88.8		Pass
175	5.0 - 9.0% of mass 174	290	7.96	(8.97) [a]	Pass
176	95.0 - 101.0% of mass 174	3075	84.4	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	171	4.69	(5.56) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE108-CC77	E0001674.D	09/07/10	09:49	00:32	Continuing cal 20
VE109-CC77	E0001674.D	09/07/10	09:49	00:32	Continuing cal 20
VE108-BS	E0001675.D	09/07/10	10:12	00:55	Blank Spike
VE109-BS	E0001675.D	09/07/10	10:12	00:55	Blank Spike
VE109-MB	E0001676.D	09/07/10	10:36	01:19	Method Blank
OP15938-LB	E0001677.D	09/07/10	11:08	01:51	Leachate Blank
OP15928-LB	E0001678.D	09/07/10	11:32	02:15	Leachate Blank
OP15941-LB	E0001679.D	09/07/10	11:55	02:38	Leachate Blank
T59297-1	E0001680.D	09/07/10	12:19	03:02	(used for QC only; not part of job T59309)
T59297-1MS	E0001681.D	09/07/10	12:43	03:26	Matrix Spike
T59297-1MSD	E0001682.D	09/07/10	13:06	03:49	Matrix Spike Duplicate
T59309-5	E0001683.D	09/07/10	13:30	04:13	T001-V-20100905-FB-1
T59309-6	E0001684.D	09/07/10	13:54	04:37	T001-V-20100905-TB-1

Instrument Performance Check (BFB)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE108-BFB
Lab File ID: E0001673.D
Instrument ID: GCMSE
Injection Date: 09/07/10
Injection Time: 09:17

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	670	23.4		Pass
75	30.0 - 60.0% of mass 95	1604	56.0		Pass
95	Base peak, 100% relative abundance	2862	100.0		Pass
96	5.0 - 9.0% of mass 95	204	7.13		Pass
173	Less than 2.0% of mass 174	26	0.91	(1.02) [a]	Pass
174	50.0 - 100.0% of mass 95	2541	88.8		Pass
175	5.0 - 9.0% of mass 174	228	7.97	(8.97) [a]	Pass
176	95.0 - 101.0% of mass 174	2416	84.4	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	134	4.68	(5.55) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE110-CC77	E0001674.D	09/07/10	09:49	00:32	Continuing cal 20
VE110-BS	E0001675.D	09/07/10	10:12	00:55	Blank Spike
T59309-1	E0001685.D	09/07/10	14:17	05:00	T001-R678-100905-SW-07-1
T59309-2	E0001686.D	09/07/10	14:40	05:23	T001-R680-100905-SW-06-1
T59309-2MS	E0001687.D	09/07/10	15:04	05:47	Matrix Spike
T59309-2MSD	E0001688.D	09/07/10	15:27	06:10	Matrix Spike Duplicate
T59310-1	E0001689.D	09/07/10	15:51	06:34	(used for QC only; not part of job T59309)
T59310-1MS	E0001690.D	09/07/10	16:15	06:58	Matrix Spike
T59310-1MSD	E0001692.D	09/07/10	17:19	08:02	Matrix Spike Duplicate
ZZZZZZ	E0001693.D	09/07/10	17:43	08:26	(unrelated sample)
ZZZZZZ	E0001694.D	09/07/10	18:06	08:49	(unrelated sample)
ZZZZZZ	E0001695.D	09/07/10	18:30	09:13	(unrelated sample)
ZZZZZZ	E0001696.D	09/07/10	18:54	09:37	(unrelated sample)
ZZZZZZ	E0001697.D	09/07/10	19:17	10:00	(unrelated sample)
ZZZZZZ	E0001698.D	09/07/10	19:41	10:24	(unrelated sample)
ZZZZZZ	E0001699.D	09/07/10	20:04	10:47	(unrelated sample)
OP15951-LB	E0001700.D	09/07/10	20:28	11:11	Leachate Blank
ZZZZZZ	E0001701.D	09/07/10	20:52	11:35	(unrelated sample)
ZZZZZZ	E0001702.D	09/07/10	21:16	11:59	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-BFB
Lab File ID: Y0041488.D
Instrument ID: GCMSY
Injection Date: 08/18/10
Injection Time: 06:30

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	11516	16.4		Pass
75	30.0 - 60.0% of mass 95	31290	44.4		Pass
95	Base peak, 100% relative abundance	70394	100.0		Pass
96	5.0 - 9.0% of mass 95	4499	6.4		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	66176	94.0		Pass
175	5.0 - 9.0% of mass 174	4776	6.8	(7.2) [a]	Pass
176	95.0 - 101.0% of mass 174	63714	90.5	(96.3) [a]	Pass
177	5.0 - 9.0% of mass 176	4077	5.8	(6.4) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY2583-IC2583	Y0041489.D	08/18/10	07:06	00:36	Initial cal 4
VY2583-IC2583	Y0041490.D	08/18/10	07:35	01:05	Initial cal 10
VY2583-IC2583	Y0041491.D	08/18/10	08:04	01:34	Initial cal 20
VY2583-ICC2583	Y0041492.D	08/18/10	08:33	02:03	Initial cal 40
VY2583-IC2583	Y0041493.D	08/18/10	09:03	02:33	Initial cal 70
VY2583-IC2583	Y0041494.D	08/18/10	09:32	03:02	Initial cal 100
VY2583-IC2583	Y0041495.D	08/18/10	10:01	03:31	Initial cal 200
VY2583-ICV2583	Y0041497.D	08/18/10	10:59	04:29	Initial cal verification 40
VY2583-BS	Y0041498.D	08/18/10	11:28	04:58	Blank Spike
VY2583-MB	Y0041500.D	08/18/10	12:27	05:57	Method Blank
T58107-8	Y0041502.D	08/18/10	13:35	07:05	(used for QC only; not part of job T59309)
T58107-8MS	Y0041503.D	08/18/10	14:05	07:35	Matrix Spike
T58107-8MSD	Y0041504.D	08/18/10	14:34	08:04	Matrix Spike Duplicate
ZZZZZZ	Y0041505.D	08/18/10	15:03	08:33	(unrelated sample)
ZZZZZZ	Y0041506.D	08/18/10	15:33	09:03	(unrelated sample)
ZZZZZZ	Y0041507.D	08/18/10	16:02	09:32	(unrelated sample)
ZZZZZZ	Y0041508.D	08/18/10	16:31	10:01	(unrelated sample)
ZZZZZZ	Y0041509.D	08/18/10	17:01	10:31	(unrelated sample)
ZZZZZZ	Y0041510.D	08/18/10	17:30	11:00	(unrelated sample)
ZZZZZZ	Y0041511.D	08/18/10	17:59	11:29	(unrelated sample)
ZZZZZZ	Y0041512.D	08/18/10	18:29	11:59	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2602-BFB
Lab File ID: Y0041925.D
Instrument ID: GCMSY
Injection Date: 09/07/10
Injection Time: 07:02

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	3963	15.8		Pass
75	30.0 - 60.0% of mass 95	11099	44.2		Pass
95	Base peak, 100% relative abundance	25136	100.0		Pass
96	5.0 - 9.0% of mass 95	1838	7.31		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 100.0% of mass 95	23367	93.0		Pass
175	5.0 - 9.0% of mass 174	1961	7.80	(8.39) [a]	Pass
176	95.0 - 101.0% of mass 174	22784	90.6	(97.5) [a]	Pass
177	5.0 - 9.0% of mass 176	1611	6.41	(7.07) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY2602-BS	Y0041926.D	09/07/10	07:35	00:33	Blank Spike
VY2602-MB	Y0041928.D	09/07/10	08:37	01:35	Method Blank
T59309-3	Y0041929.D	09/07/10	09:06	02:04	T001-R678-100905-SD-1
T59309-4	Y0041930.D	09/07/10	09:36	02:34	T001-R680-100905-SD-1
ZZZZZZ	Y0041931.D	09/07/10	10:05	03:03	(unrelated sample)
ZZZZZZ	Y0041932.D	09/07/10	10:34	03:32	(unrelated sample)
T59309-4MS	Y0041933.D	09/07/10	11:03	04:01	Matrix Spike
T59309-4MSD	Y0041934.D	09/07/10	11:32	04:30	Matrix Spike Duplicate
ZZZZZZ	Y0041936.D	09/07/10	12:30	05:28	(unrelated sample)
T59309-4	Y0041937.D	09/07/10	13:00	05:58	T001-R680-100905-SD-1
ZZZZZZ	Y0041938.D	09/07/10	13:29	06:27	(unrelated sample)
ZZZZZZ	Y0041939.D	09/07/10	13:58	06:56	(unrelated sample)
ZZZZZZ	Y0041944.D	09/07/10	16:24	09:22	(unrelated sample)
ZZZZZZ	Y0041946.D	09/07/10	17:39	10:37	(unrelated sample)
ZZZZZZ	Y0041947.D	09/07/10	18:09	11:07	(unrelated sample)
ZZZZZZ	Y0041948.D	09/07/10	18:38	11:36	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE108-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	202479	5.45	151421	8.28	82646	10.64
Upper Limit [a]	404958	5.95	302842	8.78	165292	11.14
Lower Limit [b]	101240	4.95	75711	7.78	41323	10.14

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VE108-BS	204451	5.45	152440	8.28	84757	10.64
VE109-BS	204451	5.45	152440	8.28	84757	10.64
VE110-BS	204451	5.45	152440	8.28	84757	10.64
VE109-MB	197152	5.45	145553	8.28	75490	10.64
OP15938-LB [c]	198070	5.45	146597	8.28	76081	10.64
OP15928-LB [c]	195001	5.45	143733	8.28	76312	10.64
OP15941-LB [c]	191061	5.45	142260	8.28	74586	10.64
T59297-1	191735	5.45	142608	8.28	74437	10.64
T59297-1MS	199530	5.45	147788	8.28	81719	10.64
T59297-1MSD	201280	5.45	149813	8.28	82313	10.64
T59309-5	197044	5.45	147601	8.28	76918	10.64
T59309-6	193345	5.45	144055	8.28	74795	10.64
T59309-1	194224	5.45	143064	8.28	73407	10.64
T59309-2	192567	5.45	140114	8.28	74579	10.64
T59309-2MS	198847	5.45	147752	8.28	79737	10.64
T59309-2MSD	202575	5.45	149573	8.28	83157	10.64
T59310-1	195658	5.45	145409	8.28	79945	10.64
T59310-1MS	199611	5.45	148078	8.28	82478	10.64
T59310-1MSD	201105	5.45	150642	8.28	82925	10.64
ZZZZZZ	198725	5.45	146404	8.28	77861	10.64
ZZZZZZ	197747	5.45	144597	8.28	77726	10.64
ZZZZZZ	195508	5.45	144116	8.28	74841	10.64
ZZZZZZ	195253	5.45	143587	8.28	75946	10.64
ZZZZZZ	194481	5.45	143656	8.28	73861	10.64
ZZZZZZ	192026	5.45	141605	8.28	73652	10.64
ZZZZZZ	189478	5.45	141120	8.28	73627	10.64
OP15951-LB [c]	190457	5.45	142626	8.28	74391	10.64
ZZZZZZ	191879	5.45	140626	8.28	74460	10.64
ZZZZZZ	190949	5.45	141213	8.28	76381	10.64

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE108-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

Lab	IS 1		IS 2		IS 3	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) TCLP Method Blank.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE109-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	202479	5.45	151421	8.28	82646	10.64
Upper Limit [a]	404958	5.95	302842	8.78	165292	11.14
Lower Limit [b]	101240	4.95	75711	7.78	41323	10.14

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VE108-BS	204451	5.45	152440	8.28	84757	10.64
VE109-BS	204451	5.45	152440	8.28	84757	10.64
VE110-BS	204451	5.45	152440	8.28	84757	10.64
VE109-MB	197152	5.45	145553	8.28	75490	10.64
OP15938-LB [c]	198070	5.45	146597	8.28	76081	10.64
OP15928-LB [c]	195001	5.45	143733	8.28	76312	10.64
OP15941-LB [c]	191061	5.45	142260	8.28	74586	10.64
T59297-1	191735	5.45	142608	8.28	74437	10.64
T59297-1MS	199530	5.45	147788	8.28	81719	10.64
T59297-1MSD	201280	5.45	149813	8.28	82313	10.64
T59309-5	197044	5.45	147601	8.28	76918	10.64
T59309-6	193345	5.45	144055	8.28	74795	10.64
T59309-1	194224	5.45	143064	8.28	73407	10.64
T59309-2	192567	5.45	140114	8.28	74579	10.64
T59309-2MS	198847	5.45	147752	8.28	79737	10.64
T59309-2MSD	202575	5.45	149573	8.28	83157	10.64
T59310-1	195658	5.45	145409	8.28	79945	10.64
T59310-1MS	199611	5.45	148078	8.28	82478	10.64
T59310-1MSD	201105	5.45	150642	8.28	82925	10.64
ZZZZZZ	198725	5.45	146404	8.28	77861	10.64
ZZZZZZ	197747	5.45	144597	8.28	77726	10.64
ZZZZZZ	195508	5.45	144116	8.28	74841	10.64
ZZZZZZ	195253	5.45	143587	8.28	75946	10.64
ZZZZZZ	194481	5.45	143656	8.28	73861	10.64
ZZZZZZ	192026	5.45	141605	8.28	73652	10.64
ZZZZZZ	189478	5.45	141120	8.28	73627	10.64
OP15951-LB [c]	190457	5.45	142626	8.28	74391	10.64
ZZZZZZ	191879	5.45	140626	8.28	74460	10.64
ZZZZZZ	190949	5.45	141213	8.28	76381	10.64

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE109-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

Lab	IS 1		IS 2		IS 3	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) TCLP Method Blank.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE110-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	202479	5.45	151421	8.28	82646	10.64
Upper Limit [a]	404958	5.95	302842	8.78	165292	11.14
Lower Limit [b]	101240	4.95	75711	7.78	41323	10.14

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VE108-BS	204451	5.45	152440	8.28	84757	10.64
VE109-BS	204451	5.45	152440	8.28	84757	10.64
VE110-BS	204451	5.45	152440	8.28	84757	10.64
VE109-MB	197152	5.45	145553	8.28	75490	10.64
OP15938-LB [c]	198070	5.45	146597	8.28	76081	10.64
OP15928-LB [c]	195001	5.45	143733	8.28	76312	10.64
OP15941-LB [c]	191061	5.45	142260	8.28	74586	10.64
T59297-1	191735	5.45	142608	8.28	74437	10.64
T59297-1MS	199530	5.45	147788	8.28	81719	10.64
T59297-1MSD	201280	5.45	149813	8.28	82313	10.64
T59309-5	197044	5.45	147601	8.28	76918	10.64
T59309-6	193345	5.45	144055	8.28	74795	10.64
T59309-1	194224	5.45	143064	8.28	73407	10.64
T59309-2	192567	5.45	140114	8.28	74579	10.64
T59309-2MS	198847	5.45	147752	8.28	79737	10.64
T59309-2MSD	202575	5.45	149573	8.28	83157	10.64
T59310-1	195658	5.45	145409	8.28	79945	10.64
T59310-1MS	199611	5.45	148078	8.28	82478	10.64
T59310-1MSD	201105	5.45	150642	8.28	82925	10.64
ZZZZZZ	198725	5.45	146404	8.28	77861	10.64
ZZZZZZ	197747	5.45	144597	8.28	77726	10.64
ZZZZZZ	195508	5.45	144116	8.28	74841	10.64
ZZZZZZ	195253	5.45	143587	8.28	75946	10.64
ZZZZZZ	194481	5.45	143656	8.28	73861	10.64
ZZZZZZ	192026	5.45	141605	8.28	73652	10.64
ZZZZZZ	189478	5.45	141120	8.28	73627	10.64
OP15951-LB [c]	190457	5.45	142626	8.28	74391	10.64
ZZZZZZ	191879	5.45	140626	8.28	74460	10.64
ZZZZZZ	190949	5.45	141213	8.28	76381	10.64

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VE110-CC77	**Injection Date:**	09/07/10
Lab File ID:	E0001674.D	**Injection Time:**	09:49
Instrument ID:	GCMSE	**Method:**	SW846 8260B

Lab	IS 1		IS 2		IS 3	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) TCLP Method Blank.

Volatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	VY2602-CC2583	**Injection Date:**	09/07/10
Lab File ID:	Y0041925.D	**Injection Time:**	07:02
Instrument ID:	GCMSY	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	681590	9.94	597341	13.08	279411	15.48
Upper Limit [a]	1363180	10.44	1194682	13.58	558822	15.98
Lower Limit [b]	340795	9.44	298671	12.58	139706	14.98

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VY2602-BS	691666	9.94	620338	13.08	289058	15.48
VY2602-MB	733837	9.94	649810	13.08	302430	15.48
T59309-3	728773	9.94	634479	13.08	263372	15.48
T59309-4 [c]	308921[d]	9.94	268729[d]	13.08	119684[e]	15.48
ZZZZZZ	754743	9.94	650604	13.08	303767	15.48
ZZZZZZ	768069	9.94	677048	13.08	312698	15.48
T59309-4MS	756066	9.94	645620	13.08	284045	15.48
T59309-4MSD	767190	9.94	657234	13.08	303351	15.48
ZZZZZZ	700440	9.94	649751	13.08	316716	15.48
T59309-4	361641	9.94	299449	13.08	125545[e]	15.48
ZZZZZZ	715130	9.94	622193	13.08	285145	15.48
ZZZZZZ	752980	9.94	654003	13.08	294532	15.48
ZZZZZZ	913290	9.93	747866	13.08	302659	15.48
ZZZZZZ	705911	9.94	427648	13.08	84918[f]	15.48
ZZZZZZ	665880	9.94	342409	13.08	111717[f]	15.49
ZZZZZZ	832836	9.94	444089	13.08	78842[f]	15.48

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run.
(d) Outside control limits.
(e) Outside control limits due to matrix interference. Confirmed by reanalysis.
(f) Outside control limits biased high. There are no target compounds associated with this internal standard.

Volatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
T59309-1	E0001685.D	95.0	95.0	100.0	101.0
T59309-2	E0001686.D	97.0	97.0	103.0	101.0
T59309-5	E0001683.D	98.0	96.0	102.0	102.0
T59309-6	E0001684.D	95.0	95.0	100.0	102.0
T59309-2MS	E0001687.D	98.0	95.0	103.0	103.0
T59309-2MSD	E0001688.D	97.0	93.0	102.0	97.0
VE109-BS	E0001675.D	99.0	96.0	103.0	102.0
VE109-MB	E0001676.D	97.0	96.0	103.0	104.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	79-122%
S2 = 1,2-Dichloroethane-D4	75-121%
S3 = Toluene-D8	87-119%
S4 = 4-Bromofluorobenzene	80-133%

Volatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
T59309-3	Y0041929.D	94.0	100.0	91.0	76.0
T59309-4	Y0041937.D	92.0	102.0	91.0	81.0
T59309-4	Y0041930.D	94.0	99.0	87.0	82.0
T59309-4MS	Y0041933.D	92.0	101.0	91.0	77.0
T59309-4MSD	Y0041934.D	94.0	99.0	89.0	77.0
VY2602-BS	Y0041926.D	95.0	97.0	88.0	82.0
VY2602-MB	Y0041928.D	96.0	101.0	87.0	82.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-121%
S2 = Toluene-D8	76-132%
S3 = 4-Bromofluorobenzene	73-165%
S4 = 1,2-Dichloroethane-D4	57-122%

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICC77
Lab FileID: E0001255.D

Response Factor Report MS E

```
Method       : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title        : SW846 8260B and EPA624
Last Update  : Wed Aug 18 09:24:38 2010
Response via : Initial Calibration

Calibration Files
2   =E0001252.D  5   =E0001253.D  40  =E0001255.D  20  =E0001254.D
1   =E0001251.D  100 =E0001257.D  200 =E0001258.D  70  =E0001256.D

 Compound          2     5     40    20    1     100   200   70    Avg %RSD
-------------------------------------------------------------------------------

1) I   Fluorobenzene         ----------------ISTD---------------------
2) Dichlorodifl 0.227 0.295 0.303 0.298       0.281 0.275 0.288 0.281   9.08
3) Chloromethan 0.293 0.314 0.315 0.293 0.253 0.296 0.292 0.298 0.294   6.52
4) Vinyl Chlori 0.275 0.295 0.320 0.302 0.204 0.293 0.294 0.297 0.285  12.28
5) Bromomethane 0.194 0.213 0.228 0.219 0.151 0.222 0.233 0.220 0.210  12.62
6) Chloroethane 0.177 0.200 0.208 0.193 0.115 0.198 0.201 0.195 0.186  16.21
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = -0.00165 + 0.20112 *A

7) Trichloroflu 0.370 0.420 0.465 0.432 0.117 0.434 0.429 0.430 0.387  28.99
            ---- Linear regression ----  Coefficient =  0.9997
              Response Ratio = 0.00300 + 0.43011 *A

8) Ethyl Alcoho             0.002 0.002       0.001 0.001 0.002 0.001   8.32
9) Ethyl Ether  0.245 0.244 0.250 0.260 0.224 0.243 0.245 0.244 0.244   4.08
10) Acrolein    0.011 0.016 0.017 0.017 0.007 0.017 0.017 0.017 0.015  25.76
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = -0.00141 + 0.01743 *A

11) 1,1-Dichloro 0.440 0.440 0.459 0.477 0.283 0.439 0.440 0.432 0.426  14.03
12) Freon 113    0.274 0.302 0.297 0.312 0.141 0.275 0.274 0.278 0.269  19.97
            ---- Linear regression ----  Coefficient =  0.9996
              Response Ratio = 0.00635 + 0.27265 *A

13) Acetone      0.138 0.116 0.098 0.103 0.179 0.090 0.093 0.093 0.114  27.03
            ---- Linear regression ----  Coefficient =  0.9996
              Response Ratio = 0.01139 + 0.09167 *A

14) Iodomethane  0.432 0.454 0.474 0.485 0.350 0.457 0.457 0.454 0.445   9.37
15) Isopropyl Al 0.013 0.014 0.015 0.014 0.020 0.014 0.014 0.014 0.015  14.79
16) Methyl Aceta 0.333 0.330 0.340 0.346 0.328 0.324 0.333 0.321 0.332   2.43
17) Carbon Disul 0.748 0.828 0.847 0.864 0.541 0.821 0.828 0.816 0.787  13.34
18) Methylene Ch 0.602 0.516 0.429 0.464 0.758 0.405 0.399 0.405 0.497  25.38
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = 0.01541 + 0.39619 *A

19) Tert Butyl A 0.017 0.019 0.020 0.020 0.015 0.019 0.020 0.018 0.018   9.52
20) Allyl Chlori 0.581 0.615 0.658 0.649 0.614 0.636 0.644 0.630 0.628   3.92
21) Acetonitrile 0.116 0.123 0.132 0.130       0.127 0.129 0.126 0.126   4.10
22) trans-1,2-Di 0.429 0.439 0.440 0.451 0.325 0.427 0.430 0.423 0.421   9.40
23) Acrylonitril 0.111 0.111 0.117 0.122 0.107 0.113 0.115 0.111 0.113   3.96
24) Methyl Tert  0.701 0.733 0.792 0.778 0.703 0.793 0.821 0.772 0.762   5.82
25) Hexane       0.362 0.422 0.421 0.454 0.242 0.405 0.401 0.400 0.388  16.59
            ---- Linear regression ----  Coefficient =  0.9997
              Response Ratio = 0.00557 + 0.40056 *A
```

Initial Calibration Summary

Job Number: T59309 **Sample:** VE77-ICC77
Account: RFWTXHO Weston Solutions **Lab FileID:** E0001255.D
Project: DeepWater Horizon Weekday

```
26) 1,1-Dichloro 0.501 0.512 0.541 0.552 0.425 0.526 0.527 0.514 0.512   7.60
27) Vinyl Acetat 0.445 0.460 0.543 0.532 0.431 0.555 0.574 0.533 0.509  10.83
28) Di-isopropyl 0.955 0.967 1.074 1.083 0.808 1.062 1.088 1.046 1.010   9.56
29) Chloroprene  0.419 0.449 0.509 0.492 0.407 0.495 0.503 0.490 0.470   8.49
30) Ethyl tert-b 0.702 0.752 0.838 0.824 0.684 0.852 0.886 0.825 0.795   9.25
31) 2,2-Dichloro 0.303 0.322 0.362 0.364       0.363 0.369 0.361 0.349   7.40
32) cis-1,2-Dich 0.304 0.299 0.310 0.316 0.258 0.306 0.308 0.303 0.300   5.99
33) Ethyl Acetat 0.316 0.323 0.340 0.344 0.318 0.330 0.341 0.324 0.329   3.33
34) 2-Butanone   0.150 0.147 0.151 0.151 0.139 0.145 0.149 0.143 0.147   3.05
35) Propionitril       0.041 0.044 0.045       0.042 0.044 0.042 0.043   3.28
36) Methacryloni 0.203 0.212 0.220 0.213 0.207 0.210 0.218 0.207 0.211   2.62
37) Bromochlorom 0.147 0.164 0.173 0.175 0.133 0.170 0.172 0.167 0.163   9.20
38) Chloroform   0.552 0.560 0.569 0.591 0.515 0.557 0.559 0.558 0.558   3.79
39) Tetrahydrofu 0.077 0.092 0.097 0.101 0.053 0.091 0.096 0.096 0.088  18.12
            ---- Linear regression ----  Coefficient =  0.9992
              Response Ratio = -0.00063 + 0.09578 *A

40) 1,1,1-Trichl 0.389 0.411 0.447 0.455 0.255 0.445 0.447 0.443 0.412  16.28
            ---- Linear regression ----  Coefficient =  1.0000
              Response Ratio = -0.00207 + 0.44688 *A

41) Dibromofluor 0.245 0.266 0.303 0.271 0.232 0.290 0.296 0.286 0.274   9.15
42) Cyclohexane  0.450 0.473 0.509 0.520 0.263 0.495 0.492 0.485 0.461  17.95
            ---- Linear regression ----  Coefficient =  0.9999
              Response Ratio = 0.00144 + 0.49243 *A

43) n-Butyl Alco       0.004 0.006 0.005       0.005 0.006 0.005 0.005  18.60
            ---- Linear regression ----  Coefficient =  0.9949
              Response Ratio = -0.00875 + 0.00642 *A

44) 1,1-Dichloro 0.392 0.415 0.427 0.438 0.305 0.422 0.419 0.410 0.404  10.42
45) Carbon Tetra 0.352 0.396 0.421 0.434 0.238 0.422 0.428 0.412 0.388  17.00
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = -0.00532 + 0.42752 *A

46) 1,2-Dichloro 0.368 0.372 0.401 0.377 0.409 0.381 0.388 0.383 0.385   3.69
47) Benzene      1.143 1.191 1.237 1.255 0.942 1.202 1.205 1.185 1.170   8.38
48) Isobutyl Alc 0.008 0.009 0.010 0.010 0.005 0.011 0.011 0.010 0.009  23.56
            ---- Linear regression ----  Coefficient =  0.9991
              Response Ratio = -0.00432 + 0.01108 *A

49) 1,2-Dichloro 0.466 0.483 0.505 0.512 0.445 0.484 0.482 0.482 0.482   4.33
50) tert-amyl me 0.589 0.602 0.712 0.694 0.530 0.744 0.775 0.705 0.669  12.72
51) Trichloroeth 0.294 0.302 0.317 0.330 0.232 0.312 0.317 0.307 0.301  10.01
52) Methylcycloh 0.449 0.494 0.500 0.531 0.265 0.494 0.496 0.489 0.465  18.01
            ---- Linear regression ----  Coefficient =  0.9999
              Response Ratio = 0.00057 + 0.49500 *A

53) Methyl Metha 0.208 0.257 0.299 0.281 0.276 0.292 0.309 0.285 0.276  11.44
54) 1,2-Dichloro 0.274 0.300 0.320 0.325 0.266 0.312 0.317 0.309 0.303   7.17
55) Dibromometha 0.192 0.204 0.211 0.213 0.167 0.204 0.210 0.206 0.201   7.60
56) 1,4-Dioxane        0.002 0.003 0.003       0.003 0.003 0.003 0.003  10.60
57) Bromodichlor 0.356 0.373 0.410 0.416 0.335 0.415 0.431 0.410 0.393   8.69
58) 2-Nitropropa 0.060 0.060 0.079 0.075 0.063 0.085 0.092 0.080 0.074  16.07
            ---- Linear regression ----  Coefficient =  0.9972
              Response Ratio = -0.03135 + 0.09172 *A

59) 2-Chloroethy 0.268 0.281 0.317 0.315 0.252 0.314 0.324 0.308 0.297   8.98
60) 1-Bromo-2-Ch 1.339 1.403 1.583 1.575 1.262 1.570 1.622 1.541 1.487   8.98
61) 4-Methyl-2-p 0.287 0.294 0.336 0.333 0.253 0.328 0.343 0.322 0.312   9.97
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICC77
Lab FileID: E0001255.D

```
62) cis-1,3-Dich 0.380 0.387 0.484 0.470 0.345 0.500 0.516 0.486 0.446  14.55

63) I   Chlorobenzene-d5      ----------------ISTD---------------------
64) Toluene-d8   1.204 1.302 1.453 1.327 1.169 1.378 1.422 1.389 1.330   7.61
65) Toluene      1.650 1.691 1.776 1.787 1.294 1.731 1.763 1.729 1.678   9.63
66) Ethyl Methac 0.346 0.397 0.516 0.461 0.366 0.518 0.553 0.512 0.459  17.28
            ---- Linear regression ----  Coefficient =  0.9989
              Response Ratio = -0.02624 + 0.55204 *A

67) trans-1,3-Di 0.391 0.411 0.558 0.515 0.377 0.576 0.598 0.555 0.498  18.08
            ---- Linear regression ----  Coefficient =  0.9994
              Response Ratio = -0.02541 + 0.59809 *A

68) 1,1,2-Trichl 0.331 0.304 0.336 0.336 0.244 0.316 0.323 0.320 0.314   9.63
69) Tetrachloroe 0.486 0.482 0.488 0.506 0.332 0.472 0.483 0.486 0.467  11.87
70) 2-hexanone   0.242 0.265 0.316 0.309 0.256 0.304 0.318 0.301 0.289  10.34
71) 1,3-Dichloro 0.654 0.656 0.690 0.688 0.622 0.659 0.666 0.665 0.663   3.26
72) Dibromochlor 0.336 0.368 0.424 0.408 0.288 0.428 0.449 0.425 0.391  14.18
73) 1,2-Dibromoe 0.375 0.352 0.412 0.401 0.336 0.394 0.405 0.393 0.383   7.01
74) 1-Chlorohexa 0.496 0.511 0.552 0.553 0.407 0.549 0.564 0.540 0.521   9.92
75) Chlorobenzen 1.167 1.120 1.163 1.187 0.968 1.125 1.137 1.131 1.125   6.01
76) 1,1,1,2-Tetr 0.343 0.376 0.410 0.405 0.290 0.406 0.419 0.407 0.382  11.65
77) Ethylbenzene 1.719 1.823 2.014 2.024 1.416 1.951 1.995 1.946 1.861  11.19
78) m,p-Xylene   1.296 1.382 1.556 1.539 1.037 1.528 1.562 1.516 1.427  12.90
79) o-Xylene     1.359 1.363 1.584 1.547 1.074 1.557 1.595 1.534 1.452  12.32
80) Styrene      1.011 1.089 1.305 1.263 0.866 1.286 1.331 1.271 1.178  14.37
81) Bromoform    0.203 0.224 0.284 0.273 0.208 0.298 0.323 0.286 0.262  17.06
            ---- Linear regression ----  Coefficient =  0.9977
              Response Ratio = -0.01971 + 0.32177 *A


82) I   1,4-Dichlorobenzene-d ----------------ISTD---------------------
83) Isopropylben 2.491 2.635 2.950 2.985 1.932 2.906 2.939 2.828 2.708  13.22
84) Cyclohexanon             0.022 0.022       0.021 0.023 0.021 0.022   4.27
85) 4-Bromofluor 0.834 0.870 0.965 0.919 0.827 0.941 0.968 0.930 0.907   6.18
86) Bromobenzene 0.898 0.856 0.964 0.962 0.783 0.930 0.929 0.912 0.904   6.64
87) 1,1,2,2-Tetr 0.877 0.916 0.918 0.925 0.778 0.884 0.897 0.876 0.884   5.29
88) Trans-1,4-Di 0.161 0.190 0.230 0.225 0.201 0.248 0.262 0.238 0.219  15.13
            ---- Linear regression ----  Coefficient =  0.9986
              Response Ratio = -0.01408 + 0.26187 *A

89) 1,2,3-Trichl 0.260 0.277 0.289 0.286 0.248 0.269 0.273 0.268 0.271   4.89
90) n-Propylbenz 3.464 3.746 4.107 4.158 2.723 4.063 4.046 3.961 3.783  12.84
91) 2-Chlorotolu 2.175 2.236 2.432 2.496 1.836 2.383 2.404 2.345 2.288   9.19
92) 4-Chlorotolu 2.415 2.602 2.875 2.914 2.003 2.816 2.850 2.786 2.658  11.75
93) 1,3,5-Trimet 2.214 2.497 2.870 2.883 1.628 2.867 2.872 2.783 2.577  17.55
            ---- Linear regression ----  Coefficient =  0.9999
              Response Ratio = -0.03102 + 2.87493 *A

94) Pentachloroe 0.386 0.431 0.522 0.496 0.450 0.537 0.555 0.509 0.486  11.99
95) sec-Butylben 3.074 3.510 3.750 3.929 2.281 3.775 3.749 3.665 3.467  15.68
            ---- Linear regression ----  Coefficient =  0.9999
              Response Ratio = -0.01272 + 3.75210 *A

96) 1,3-Dichloro 1.701 1.722 1.788 1.838 1.589 1.752 1.748 1.720 1.732   4.18
97) 4-Isopropylt 2.468 2.757 3.105 3.156 1.894 3.126 3.108 3.004 2.827  15.76
            ---- Linear regression ----  Coefficient =  0.9998
              Response Ratio = -0.02733 + 3.11254 *A

98) 1,4-Dichloro 1.898 1.821 1.854 1.926 1.729 1.819 1.809 1.777 1.829   3.46
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICC77
Lab FileID: E0001255.D

99)	tert-Butylbe	1.395	1.479	1.662	1.665	1.118	1.656	1.663	1.588	1.528	12.68
100)	n-Butylbenze	2.500	2.837	3.126	3.244	2.029	3.149	3.160	3.040	2.885	14.57
101)	1,2-Dichloro	1.592	1.733	1.754	1.755	1.471	1.698	1.706	1.679	1.674	5.81
102)	1,2,4-Trimet	2.303	2.500	2.915	3.009	1.912	2.910	2.922	2.842	2.664	14.63
103)	Hexachloroet	0.419	0.444	0.511	0.480	0.380	0.520	0.543	0.500	0.475	11.72
104)	1,2-Dibromo-	0.144	0.124	0.156	0.153		0.155	0.163	0.149	0.149	8.36
105)	1,2,4-Trichl	1.255	1.230	1.304	1.354	1.102	1.314	1.335	1.265	1.270	6.26
106)	Hexachlorobu	0.697	0.724	0.695	0.771	0.498	0.694	0.689	0.670	0.680	11.70
107)	Naphthalene	2.294	2.418	2.880	2.853	2.264	2.892	2.951	2.787	2.667	10.88
108)	1,2,3-Trichl	1.194	1.201	1.281	1.302	1.081	1.240	1.252	1.192	1.218	5.62

109) I 1,4-Dichlorobenzene-d ----------ISTD----------

110) TPH-GRO (C6- 0.000 -1.00

(#) = Out of Range ### Number of calibration levels exceeded format ###

ve77.m Wed Aug 18 14:12:29 2010

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VE77-ICV77
Lab FileID: E0001260.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\E076\E0001260.D Vial: 19
Acq On : 17 Aug 2010 8:02 pm Operator: mikeh1
Sample : icv78-40 Inst : MS E
Misc : ms8282,VE078,5,,,5,,Water Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title : SW846 8260B and EPA624
Last Update : Wed Aug 18 09:24:38 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	107	0.00	5.45
2	Dichlorodifluoromethane	0.281	0.199	29.2#	70	0.01	1.36
3 P	Chloromethane	0.294	0.277	5.8	94	0.00	1.49
4 C	Vinyl Chloride	0.285	0.251	11.9	84	0.00	1.61
5	Bromomethane	0.210	0.201	4.3	94	0.00	1.91
		Amount	Calc.	%Drift			
6	Chloroethane	40.000	36.396	9.0	93	0.00	2.01
7	Trichlorofluoromethane	40.000	34.399	14.0	86	0.02	2.31
		AvgRF	CCRF	%Dev			
8	Ethyl Alcohol	0.001	0.004	-300.0#	233#	0.00	2.49
9	Ethyl Ether	0.244	0.252	-3.3	108	0.01	2.57
		Amount	Calc.	%Drift			
10	Acrolein	200.000	167.006	16.5	87	0.01	2.69
		AvgRF	CCRF	%Dev			
11 C	1,1-Dichloroethene	0.426	0.421	1.2	98	0.00	2.79
		Amount	Calc.	%Drift			
12	Freon 113	40.000	37.429	6.4	95	0.00	2.82
13	Acetone	200.000	219.061	-9.5	113	0.00	2.83
		AvgRF	CCRF	%Dev			
14	Iodomethane	0.445	0.450	-1.1	101	0.01	2.92
15	Isopropyl Alcohol	0.015	0.033	-120.0#	228#	0.01	3.00
16	Methyl Acetate	0.332	0.327	1.5	103	0.00	3.16
17	Carbon Disulfide	0.787	0.740	6.0	93	0.01	3.00
		Amount	Calc.	%Drift			
18	Methylene Chloride	40.000	41.001	-2.5	106	0.00	3.25
		AvgRF	CCRF	%Dev			
19	Tert Butyl Alcohol	0.018	0.021	-16.7	115	0.00	3.38
20	Allyl Chloride	0.628	0.859	-36.8#	139	0.00	3.13
21	Acetonitrile	0.126	0.172	-36.5#	139	0.00	3.13
22	trans-1,2-Dichloroethene	0.421	0.408	3.1	99	0.00	3.50
23	Acrylonitrile	0.113	0.131	-15.9	119	0.01	3.47
24	Methyl Tert Butyl Ether	0.762	0.791	-3.8	107	0.00	3.52
		Amount	Calc.	%Drift			

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICV77
Lab FileID: E0001260.D

25		Hexane	40.000	37.427	6.4	97	0.00	3.77
		----------	AvgRF	CCRF	%Dev		----------	
26	P	1,1-Dichloroethane	0.512	0.517	-1.0	102	0.00	3.89
27		Vinyl Acetate	0.509	0.637	-25.1#	125	0.00	3.95
28		Di-isopropyl ether	1.010	1.051	-4.1	105	0.00	3.97
29		Chloroprene	0.470	0.500	-6.4	105	0.00	3.97
30		Ethyl tert-butyl ether	0.795	0.815	-2.5	104	0.00	4.30
31		2,2-Dichloropropane	0.349	0.339	2.9	100	0.00	4.42
32		cis-1,2-Dichloroethene	0.300	0.326	-8.7	112	0.00	4.42
33		Ethyl Acetate	0.329	0.345	-4.9	108	0.00	4.50
34		2-Butanone	0.147	0.159	-8.2	112	0.00	4.43
35		Propionitrile	0.043	0.100	-132.6#	243#	0.00	4.48
36		Methacrylonitrile	0.211	0.506	-139.8#	246#	0.00	4.62
37		Bromochloromethane	0.163	0.173	-6.1	106	0.00	4.63
38	C	Chloroform	0.558	0.566	-1.4	106	0.00	4.70
		----------	Amount	Calc.	%Drift		----------	
39		Tetrahydrofuran	40.000	44.101	-10.3	115	0.00	4.67
40		1,1,1-Trichloroethane	40.000	37.704	5.7	100	0.00	4.88
		----------	AvgRF	CCRF	%Dev		----------	
41	S	Dibromofluoromethane	0.274	0.327	-19.3	116	0.00	4.84
		----------	Amount	Calc.	%Drift		----------	
42		Cyclohexane	40.000	37.490	6.3	97	0.00	4.93
43		n-Butyl Alcohol	400.000	965.520	-141.4#	278	0.00	5.72
		----------	AvgRF	CCRF	%Dev		----------	
44		1,1-Dichloropropene	0.404	0.408	-1.0	102	0.00	5.02
		----------	Amount	Calc.	%Drift		----------	
45		Carbon Tetrachloride	40.000	37.314	6.7	100	0.00	5.02
		----------	AvgRF	CCRF	%Dev		----------	
46	S	1,2-Dichloroethane-d4	0.385	0.428	-11.2	114	0.00	5.14
47		Benzene	1.170	1.191	-1.8	103	0.00	5.20
		----------	Amount	Calc.	%Drift		----------	
48		Isobutyl Alcohol	400.000	986.544	-146.6#	277	0.00	5.14
		----------	AvgRF	CCRF	%Dev		----------	
49		1,2-Dichloroethane	0.482	0.499	-3.5	106	0.00	5.21
50		tert-amyl methyl ether	0.669	0.720	-7.6	108	0.00	5.31
51		Trichloroethene	0.301	0.312	-3.7	105	0.00	5.78
		----------	Amount	Calc.	%Drift		----------	
52		Methylcyclohexane	40.000	37.479	6.3	99	0.00	5.97
		----------	AvgRF	CCRF	%Dev		----------	
53		Methyl Methacrylate	0.276	0.322	-16.7	115	0.00	6.09
54	C	1,2-Dichloropropane	0.303	0.315	-4.0	105	0.00	5.98
55		Dibromomethane	0.201	0.215	-7.0	109	0.00	6.08
56		1,4-Dioxane	0.003	0.003	0.0	97	0.00	6.11
57		Bromodichloromethane	0.393	0.415	-5.6	108	0.00	6.23
		----------	Amount	Calc.	%Drift		----------	
58		2-Nitropropane	200.000	195.416	2.3	110	0.00	6.44
		----------	AvgRF	CCRF	%Dev		----------	

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICV77
Lab FileID: E0001260.D

59		2-Chloroethyl vinyl ether	0.297	0.323	-8.8	109	0.00	6.52
60		1-Bromo-2-Chloroethane	1.487	1.614	-8.5	109	0.00	6.52
61		4-Methyl-2-pentanone	0.312	0.348	-11.5	111	0.00	6.79
62		cis-1,3-Dichloropropene	0.446	0.485	-8.7	107	0.00	6.64
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00	8.28
64	S	Toluene-d8	1.330	1.602	-20.5#	118	0.00	6.90
65	C	Toluene	1.678	1.723	-2.7	104	0.00	6.96
		----------	Amount	Calc.	%Drift	----------		
66		Ethyl Methacrylate	40.000	43.009	-7.5	116	0.00	7.26
67		trans-1,3-Dichloropropene	40.000	41.697	-4.2	114	0.00	7.16
		----------	AvgRF	CCRF	%Dev	----------		
68		1,1,2-Trichloroethane	0.314	0.337	-7.3	107	0.00	7.33
69		Tetrachloroethene	0.467	0.481	-3.0	105	0.00	7.48
70		2-hexanone	0.289	0.325	-12.5	110	0.00	7.58
71		1,3-Dichloropropane	0.663	0.679	-2.4	105	0.00	7.50
72		Dibromochloromethane	0.391	0.431	-10.2	109	0.00	7.71
73		1,2-Dibromoethane	0.383	0.420	-9.7	109	0.00	7.82
74		1-Chlorohexane	0.521	0.519	0.4	101	0.00	8.29
75	P	Chlorobenzene	1.125	1.160	-3.1	107	0.00	8.31
76		1,1,1,2-Tetrachloroethane	0.382	0.414	-8.4	108	0.00	8.39
77	C	Ethylbenzene	1.861	1.945	-4.5	103	0.00	8.42
78		m,p-Xylene	1.427	1.518	-6.4	104	0.00	8.53
79		o-Xylene	1.452	1.539	-6.0	104	0.00	8.93
80		Styrene	1.178	1.252	-6.3	103	0.00	8.94
		----------	Amount	Calc.	%Drift	----------		
81	P	Bromoform	40.000	38.978	2.6	109	0.00	9.12
		----------	AvgRF	CCRF	%Dev	----------		
82	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00	10.64
83		Isopropylbenzene	2.708	3.346	-23.6#	120	0.00	9.31
84		Cyclohexanone	0.022	0.062	-181.8#	298#	0.00	9.38
85	S	4-Bromofluorobenzene	0.907	1.066	-17.5	117	0.00	9.45
86		Bromobenzene	0.904	0.941	-4.1	104	0.00	9.61
87	P	1,1,2,2-Tetrachloroethane	0.884	0.954	-7.9	110	0.00	9.60
		----------	Amount	Calc.	%Drift	----------		
88		Trans-1,4-Dichloro-2-bute	40.000	38.803	3.0	109	0.00	9.66
		----------	AvgRF	CCRF	%Dev	----------		
89		1,2,3-Trichloropropane	0.271	0.269	0.7	99	0.00	9.64
90		n-Propylbenzene	3.783	4.004	-5.8	104	0.00	9.73
91		2-Chlorotoluene	2.288	2.429	-6.2	106	0.00	9.81
92		4-Chlorotoluene	2.658	2.851	-7.3	105	0.00	9.92
		----------	Amount	Calc.	%Drift	----------		
93		1,3,5-Trimethylbenzene	40.000	39.774	0.6	104	0.00	9.91
		----------	AvgRF	CCRF	%Dev	----------		
94		Pentachloroethane	0.486	0.522	-7.4	106	0.00	10.25
		----------	Amount	Calc.	%Drift	----------		
95		sec-Butylbenzene	40.000	39.717	0.7	105	0.00	10.47
		----------	AvgRF	CCRF	%Dev	----------		
96		1,3-Dichlorobenzene	1.732	1.767	-2.0	105	0.00	10.58

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE77-ICV77
Lab FileID: E0001260.D

			Amount	Calc.	%Drift			
97		4-Isopropyltoluene	40.000	39.612	1.0	104	0.00	10.63
			AvgRF	CCRF	%Dev			
98		1,4-Dichlorobenzene	1.829	1.855	-1.4	106	0.00	10.67
99		tert-Butylbenzene	1.528	1.638	-7.2	105	0.00	10.25
100		n-Butylbenzene	2.885	2.999	-4.0	102	0.00	11.05
101		1,2-Dichlorobenzene	1.674	1.749	-4.5	106	0.00	11.05
102		1,2,4-Trimethylbenzene	2.664	2.920	-9.6	106	0.00	10.30
103		Hexachloroethane	0.475	0.556	-17.1	115	0.00	11.33
104		1,2-Dibromo-3-Chloropropa	0.149	0.159	-6.7	108	0.00	11.87
105		1,2,4-Trichlorobenzene	1.270	1.352	-6.5	110	0.00	12.75
106		Hexachlorobutadiene	0.680	0.719	-5.7	110	0.00	12.95
107		Naphthalene	2.667	2.997	-12.4	111	0.00	13.01
108		1,2,3-Trichlorobenzene	1.218	1.283	-5.3	106	0.00	13.26
109	I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	106	0.00	10.64
110	H	TPH-GRO (C6-C10)	0.000	6.774	0.0	0#	0.00	6.78

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E0001255.D ve77.m Wed Aug 18 14:12:41 2010

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VE108-CC77
Lab FileID: E0001674.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\E108\E0001674.D            Vial: 2
Acq On    :  7 Sep 2010   9:49 am                     Operator: jennl
Sample    : cc77-20                                   Inst    : MS E
Misc      : ms8368,VE110,5,,,5,,Water                 Multiplr: 1.00
MS Integration Params: rteint.p

Method       : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title        : SW846 8260B and EPA624
Last Update  : Sat Aug 21 10:41:06 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	97	0.00	5.45
2	Dichlorodifluoromethane	0.281	0.277	1.4	91	0.00	1.36
3 P	Chloromethane	0.294	0.329	-11.9	109	0.01	1.49
4 C	Vinyl Chloride	0.285	0.312	-9.5	100	0.00	1.61
5	Bromomethane	0.210	0.232	-10.5	103	0.00	1.91
	----------	Amount	Calc.	%Drift		----------	
6	Chloroethane	20.000	20.976	-4.9	104	0.01	2.02
7	Trichlorofluoromethane	20.000	19.043	4.8	94	0.01	2.31
	----------	AvgRF	CCRF	%Dev		----------	
8	Ethyl Alcohol	0.001	0.021	-2000.0#	1347#	0.09	2.57
9	Ethyl Ether	0.244	0.254	-4.1	95	0.00	2.57
	----------	Amount	Calc.	%Drift		----------	
10	Acrolein	100.000	91.475	8.5	86	0.00	2.67
	----------	AvgRF	CCRF	%Dev		----------	
11 C	1,1-Dichloroethene	0.417	0.430	-3.1	100	0.00	2.79
	----------	Amount	Calc.	%Drift		----------	
12	Freon 113	20.000	17.709	11.5	80	0.00	2.82
13	Acetone	100.000	109.794	-9.8	100	0.00	2.83
	----------	AvgRF	CCRF	%Dev		----------	
14	Iodomethane	0.445	0.442	0.7	89	0.00	2.92
15	Isopropyl Alcohol	0.015	0.016	-6.7	115	0.00	2.99
16	Methyl Acetate	0.332	0.346	-4.2	97	0.00	3.15
17	Carbon Disulfide	0.787	0.782	0.6	88	0.01	3.00
	----------	Amount	Calc.	%Drift		----------	
18	Methylene Chloride	20.000	20.228	-1.1	92	0.00	3.25
	----------	AvgRF	CCRF	%Dev		----------	
19	Tert Butyl Alcohol	0.018	0.024	-33.3#	116	0.00	3.37
20	Allyl Chloride	0.628	0.634	-1.0	95	0.00	3.13
21	Acetonitrile	0.126	0.127	-0.8	95	0.00	3.13
22	trans-1,2-Dichloroethene	0.421	0.425	-1.0	92	0.00	3.50
23	Acrylonitrile	0.113	0.119	-5.3	95	0.00	3.47
24	Methyl Tert Butyl Ether	0.762	0.806	-5.8	101	0.00	3.51
	----------	Amount	Calc.	%Drift		----------	

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE108-CC77
Lab FileID: E0001674.D

25		Hexane	20.000	18.730	6.3	83	0.00	3.77
		----------	AvgRF	CCRF	%Dev	----------		
26	P	1,1-Dichloroethane	0.512	0.529	-3.3	93	0.00	3.89
27		Vinyl Acetate	0.509	0.543	-6.7	99	0.00	3.94
28		Di-isopropyl ether	1.010	1.047	-3.7	94	0.00	3.97
29		Chloroprene	0.470	0.472	-0.4	93	0.00	3.97
30		Ethyl tert-butyl ether	0.795	0.841	-5.8	99	0.00	4.30
31		2,2-Dichloropropane	0.349	0.367	-5.2	98	0.00	4.42
32		cis-1,2-Dichloroethene	0.300	0.298	0.7	92	0.00	4.41
33		Ethyl Acetate	0.329	0.351	-6.7	99	0.00	4.50
34		2-Butanone	0.147	0.160	-8.8	103	0.00	4.42
35		Propionitrile	0.043	0.044	-2.3	96	0.00	4.47
36		Methacrylonitrile	0.211	0.225	-6.6	103	0.00	4.61
37		Bromochloromethane	0.163	0.162	0.6	90	0.00	4.63
38	C	Chloroform	0.558	0.548	1.8	90	0.00	4.70
		----------	Amount	Calc.	%Drift	----------		
39		Tetrahydrofuran	20.000	22.990	-14.9	104	0.00	4.67
40		1,1,1-Trichloroethane	20.000	19.059	4.7	90	0.00	4.87
		----------	AvgRF	CCRF	%Dev	----------		
41	S	Dibromofluoromethane	0.274	0.290	-5.8	104	0.00	4.85
		----------	Amount	Calc.	%Drift	----------		
42		Cyclohexane	20.000	18.454	7.7	86	0.00	4.92
43		n-Butyl Alcohol	200.000	261.419	-30.7#	128	0.00	5.72
		----------	AvgRF	CCRF	%Dev	----------		
44		1,1-Dichloropropene	0.404	0.414	-2.5	92	0.00	5.02
		----------	Amount	Calc.	%Drift	----------		
45		Carbon Tetrachloride	20.000	18.990	5.1	88	0.00	5.02
		----------	AvgRF	CCRF	%Dev	----------		
46	S	1,2-Dichloroethane-d4	0.385	0.391	-1.6	101	0.00	5.14
47		Benzene	1.170	1.189	-1.6	92	0.00	5.20
		----------	Amount	Calc.	%Drift	----------		
48		Isobutyl Alcohol	200.000	247.425	-23.7#	119	0.00	5.13
		----------	AvgRF	CCRF	%Dev	----------		
49		1,2-Dichloroethane	0.482	0.489	-1.5	93	0.00	5.21
50		tert-amyl methyl ether	0.669	0.734	-9.7	103	0.00	5.31
51		Trichloroethene	0.301	0.308	-2.3	91	0.00	5.78
		----------	Amount	Calc.	%Drift	----------		
52		Methylcyclohexane	20.000	17.833	10.8	81	0.00	5.97
		----------	AvgRF	CCRF	%Dev	----------		
53		Methyl Methacrylate	0.276	0.306	-10.9	106	0.00	6.09
54	C	1,2-Dichloropropane	0.303	0.322	-6.3	96	0.00	5.98
55		Dibromomethane	0.201	0.208	-3.5	95	0.00	6.08
56		1,4-Dioxane	0.003	0.003	0.0	88	0.00	6.11
57		Bromodichloromethane	0.393	0.399	-1.5	93	0.00	6.23
		----------	Amount	Calc.	%Drift	----------		
58		2-Nitropropane	100.000	115.008	-15.0	116	0.00	6.44
		----------	AvgRF	CCRF	%Dev	----------		

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE108-CC77
Lab FileID: E0001674.D

59		2-Chloroethyl vinyl ether	0.297	0.314	-5.7	97	0.00	6.51
60		1-Bromo-2-Chloroethane	1.487	1.569	-5.5	97	0.00	6.51
61		4-Methyl-2-pentanone	0.312	0.360	-15.4	105	0.00	6.79
62		cis-1,3-Dichloropropene	0.446	0.470	-5.4	97	0.00	6.64
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00	8.28
64	S	Toluene-d8	1.330	1.410	-6.0	103	0.00	6.90
65	C	Toluene	1.678	1.725	-2.8	93	0.00	6.96
		----------	Amount	Calc.	%Drift		----------	
66		Ethyl Methacrylate	20.000	20.898	-4.5	107	0.00	7.26
67		trans-1,3-Dichloropropene	20.000	20.215	-1.1	102	0.00	7.16
		----------	AvgRF	CCRF	%Dev		----------	
68		1,1,2-Trichloroethane	0.314	0.335	-6.7	97	0.00	7.33
69		Tetrachloroethene	0.467	0.451	3.4	86	0.00	7.48
70		2-hexanone	0.289	0.343	-18.7	108	0.00	7.58
71		1,3-Dichloropropane	0.663	0.684	-3.2	96	0.00	7.49
72		Dibromochloromethane	0.391	0.403	-3.1	96	0.00	7.71
73		1,2-Dibromoethane	0.383	0.410	-7.0	99	0.00	7.82
74		1-Chlorohexane	0.521	0.527	-1.2	92	0.00	8.29
75	P	Chlorobenzene	1.125	1.116	0.8	91	0.00	8.31
76		1,1,1,2-Tetrachloroethane	0.382	0.389	-1.8	93	0.00	8.39
77	C	Ethylbenzene	1.861	1.894	-1.8	91	0.00	8.42
78		m,p-Xylene	1.427	1.485	-4.1	93	0.00	8.53
79		o-Xylene	1.452	1.496	-3.0	94	0.00	8.93
80		Styrene	1.178	1.191	-1.1	91	0.00	8.94
		----------	Amount	Calc.	%Drift		----------	
81	P	Bromoform	20.000	19.539	2.3	94	0.00	9.12
		----------	AvgRF	CCRF	%Dev		----------	
82	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00	10.64
83		Isopropylbenzene	2.708	2.861	-5.6	91	0.00	9.31
84		Cyclohexanone	0.022	0.057	-159.1#	243#	0.00	9.38
85	S	4-Bromofluorobenzene	0.907	0.972	-7.2	100	0.00	9.45
86		Bromobenzene	0.904	0.933	-3.2	92	0.00	9.60
87	P	1,1,2,2-Tetrachloroethane	0.884	0.991	-12.1	102	0.00	9.60
		----------	Amount	Calc.	%Drift		----------	
88		Trans-1,4-Dichloro-2-bute	20.000	21.492	-7.5	104	0.00	9.66
		----------	AvgRF	CCRF	%Dev		----------	
89		1,2,3-Trichloropropane	0.271	0.298	-10.0	99	0.00	9.64
90		n-Propylbenzene	3.783	4.003	-5.8	91	0.00	9.72
91		2-Chlorotoluene	2.288	2.409	-5.3	91	0.00	9.81
92		4-Chlorotoluene	2.658	2.811	-5.8	91	0.00	9.92
		----------	Amount	Calc.	%Drift		----------	
93		1,3,5-Trimethylbenzene	20.000	20.077	-0.4	92	0.00	9.91
		----------	AvgRF	CCRF	%Dev		----------	
94		Pentachloroethane	0.486	0.515	-6.0	98	0.00	10.25
		----------	Amount	Calc.	%Drift		----------	
95		sec-Butylbenzene	20.000	19.493	2.5	87	0.00	10.47
		----------	AvgRF	CCRF	%Dev		----------	
96		1,3-Dichlorobenzene	1.732	1.707	1.4	88	0.00	10.58

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE108-CC77
Lab FileID: E0001674.D

			Amount	Calc.	%Drift			
97		4-Isopropyltoluene	20.000	19.668	1.7	90	0.00	10.62
			AvgRF	CCRF	%Dev			
98		1,4-Dichlorobenzene	1.829	1.815	0.8	89	0.00	10.67
99		tert-Butylbenzene	1.528	1.625	-6.3	92	0.00	10.25
100		n-Butylbenzene	2.885	3.019	-4.6	88	0.00	11.05
101		1,2-Dichlorobenzene	1.674	1.669	0.3	90	0.00	11.05
102		1,2,4-Trimethylbenzene	2.664	2.859	-7.3	90	0.00	10.30
103		Hexachloroethane	0.475	0.496	-4.4	98	0.00	11.33
104		1,2-Dibromo-3-Chloropropa	0.149	0.165	-10.7	102	0.00	11.86
105		1,2,4-Trichlorobenzene	1.270	1.269	0.1	89	0.00	12.75
106		Hexachlorobutadiene	0.680	0.591	13.1	73	0.00	12.95
107		Naphthalene	2.667	2.832	-6.2	94	0.00	13.01
108		1,2,3-Trichlorobenzene	1.218	1.198	1.6	87	0.00	13.26
109	I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	112	0.00	10.64
			Amount	Calc.	%Drift			
110	H	TPH-GRO (C6-C10)	1000.000	1135.577	-13.6	124	0.00	6.78

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E0001254.D ve77.m Tue Sep 07 17:57:19 2010

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VE109-CC77
Lab FileID: E0001674.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\E108\E0001674.D            Vial: 2
Acq On    :  7 Sep 2010   9:49 am                     Operator: jennl
Sample    : cc77-20                                   Inst    : MS E
Misc      : ms8368,VE110,5,,,5,,Water                 Multiplr: 1.00
MS Integration Params: rteint.p

Method       : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title        : SW846 8260B and EPA624
Last Update  : Sat Aug 21 10:41:06 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	97	0.00	5.45
2	Dichlorodifluoromethane	0.281	0.277	1.4	91	0.00	1.36
3 P	Chloromethane	0.294	0.329	-11.9	109	0.01	1.49
4 C	Vinyl Chloride	0.285	0.312	-9.5	100	0.00	1.61
5	Bromomethane	0.210	0.232	-10.5	103	0.00	1.91
		Amount	Calc.	%Drift			
6	Chloroethane	20.000	20.976	-4.9	104	0.01	2.02
7	Trichlorofluoromethane	20.000	19.043	4.8	94	0.01	2.31
		AvgRF	CCRF	%Dev			
8	Ethyl Alcohol	0.001	0.021	-2000.0#	1347#	0.09	2.57
9	Ethyl Ether	0.244	0.254	-4.1	95	0.00	2.57
		Amount	Calc.	%Drift			
10	Acrolein	100.000	91.475	8.5	86	0.00	2.67
		AvgRF	CCRF	%Dev			
11 C	1,1-Dichloroethene	0.417	0.430	-3.1	100	0.00	2.79
		Amount	Calc.	%Drift			
12	Freon 113	20.000	17.709	11.5	80	0.00	2.82
13	Acetone	100.000	109.794	-9.8	100	0.00	2.83
		AvgRF	CCRF	%Dev			
14	Iodomethane	0.445	0.442	0.7	89	0.00	2.92
15	Isopropyl Alcohol	0.015	0.016	-6.7	115	0.00	2.99
16	Methyl Acetate	0.332	0.346	-4.2	97	0.00	3.15
17	Carbon Disulfide	0.787	0.782	0.6	88	0.01	3.00
		Amount	Calc.	%Drift			
18	Methylene Chloride	20.000	20.228	-1.1	92	0.00	3.25
		AvgRF	CCRF	%Dev			
19	Tert Butyl Alcohol	0.018	0.024	-33.3#	116	0.00	3.37
20	Allyl Chloride	0.628	0.634	-1.0	95	0.00	3.13
21	Acetonitrile	0.126	0.127	-0.8	95	0.00	3.13
22	trans-1,2-Dichloroethene	0.421	0.425	-1.0	92	0.00	3.50
23	Acrylonitrile	0.113	0.119	-5.3	95	0.00	3.47
24	Methyl Tert Butyl Ether	0.762	0.806	-5.8	101	0.00	3.51
		Amount	Calc.	%Drift			

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE109-CC77
Lab FileID: E0001674.D

25		Hexane	20.000	18.730	6.3	83	0.00	3.77
		----------	AvgRF	CCRF	%Dev	----------		
26	P	1,1-Dichloroethane	0.512	0.529	-3.3	93	0.00	3.89
27		Vinyl Acetate	0.509	0.543	-6.7	99	0.00	3.94
28		Di-isopropyl ether	1.010	1.047	-3.7	94	0.00	3.97
29		Chloroprene	0.470	0.472	-0.4	93	0.00	3.97
30		Ethyl tert-butyl ether	0.795	0.841	-5.8	99	0.00	4.30
31		2,2-Dichloropropane	0.349	0.367	-5.2	98	0.00	4.42
32		cis-1,2-Dichloroethene	0.300	0.298	0.7	92	0.00	4.41
33		Ethyl Acetate	0.329	0.351	-6.7	99	0.00	4.50
34		2-Butanone	0.147	0.160	-8.8	103	0.00	4.42
35		Propionitrile	0.043	0.044	-2.3	96	0.00	4.47
36		Methacrylonitrile	0.211	0.225	-6.6	103	0.00	4.61
37		Bromochloromethane	0.163	0.162	0.6	90	0.00	4.63
38	C	Chloroform	0.558	0.548	1.8	90	0.00	4.70
		----------	Amount	Calc.	%Drift	----------		
39		Tetrahydrofuran	20.000	22.990	-14.9	104	0.00	4.67
40		1,1,1-Trichloroethane	20.000	19.059	4.7	90	0.00	4.87
		----------	AvgRF	CCRF	%Dev	----------		
41	S	Dibromofluoromethane	0.274	0.290	-5.8	104	0.00	4.85
		----------	Amount	Calc.	%Drift	----------		
42		Cyclohexane	20.000	18.454	7.7	86	0.00	4.92
43		n-Butyl Alcohol	200.000	261.419	-30.7#	128	0.00	5.72
		----------	AvgRF	CCRF	%Dev	----------		
44		1,1-Dichloropropene	0.404	0.414	-2.5	92	0.00	5.02
		----------	Amount	Calc.	%Drift	----------		
45		Carbon Tetrachloride	20.000	18.990	5.1	88	0.00	5.02
		----------	AvgRF	CCRF	%Dev	----------		
46	S	1,2-Dichloroethane-d4	0.385	0.391	-1.6	101	0.00	5.14
47		Benzene	1.170	1.189	-1.6	92	0.00	5.20
		----------	Amount	Calc.	%Drift	----------		
48		Isobutyl Alcohol	200.000	247.425	-23.7#	119	0.00	5.13
		----------	AvgRF	CCRF	%Dev	----------		
49		1,2-Dichloroethane	0.482	0.489	-1.5	93	0.00	5.21
50		tert-amyl methyl ether	0.669	0.734	-9.7	103	0.00	5.31
51		Trichloroethene	0.301	0.308	-2.3	91	0.00	5.78
		----------	Amount	Calc.	%Drift	----------		
52		Methylcyclohexane	20.000	17.833	10.8	81	0.00	5.97
		----------	AvgRF	CCRF	%Dev	----------		
53		Methyl Methacrylate	0.276	0.306	-10.9	106	0.00	6.09
54	C	1,2-Dichloropropane	0.303	0.322	-6.3	96	0.00	5.98
55		Dibromomethane	0.201	0.208	-3.5	95	0.00	6.08
56		1,4-Dioxane	0.003	0.003	0.0	88	0.00	6.11
57		Bromodichloromethane	0.393	0.399	-1.5	93	0.00	6.23
		----------	Amount	Calc.	%Drift	----------		
58		2-Nitropropane	100.000	115.008	-15.0	116	0.00	6.44
		----------	AvgRF	CCRF	%Dev	----------		

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE109-CC77
Lab FileID: E0001674.D

59		2-Chloroethyl vinyl ether	0.297	0.314	-5.7	97	0.00	6.51
60		1-Bromo-2-Chloroethane	1.487	1.569	-5.5	97	0.00	6.51
61		4-Methyl-2-pentanone	0.312	0.360	-15.4	105	0.00	6.79
62		cis-1,3-Dichloropropene	0.446	0.470	-5.4	97	0.00	6.64
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00	8.28
64	S	Toluene-d8	1.330	1.410	-6.0	103	0.00	6.90
65	C	Toluene	1.678	1.725	-2.8	93	0.00	6.96
		----------	Amount	Calc.	%Drift		----------	
66		Ethyl Methacrylate	20.000	20.898	-4.5	107	0.00	7.26
67		trans-1,3-Dichloropropene	20.000	20.215	-1.1	102	0.00	7.16
		----------	AvgRF	CCRF	%Dev		----------	
68		1,1,2-Trichloroethane	0.314	0.335	-6.7	97	0.00	7.33
69		Tetrachloroethene	0.467	0.451	3.4	86	0.00	7.48
70		2-hexanone	0.289	0.343	-18.7	108	0.00	7.58
71		1,3-Dichloropropane	0.663	0.684	-3.2	96	0.00	7.49
72		Dibromochloromethane	0.391	0.403	-3.1	96	0.00	7.71
73		1,2-Dibromoethane	0.383	0.410	-7.0	99	0.00	7.82
74		1-Chlorohexane	0.521	0.527	-1.2	92	0.00	8.29
75	P	Chlorobenzene	1.125	1.116	0.8	91	0.00	8.31
76		1,1,1,2-Tetrachloroethane	0.382	0.389	-1.8	93	0.00	8.39
77	C	Ethylbenzene	1.861	1.894	-1.8	91	0.00	8.42
78		m,p-Xylene	1.427	1.485	-4.1	93	0.00	8.53
79		o-Xylene	1.452	1.496	-3.0	94	0.00	8.93
80		Styrene	1.178	1.191	-1.1	91	0.00	8.94
		----------	Amount	Calc.	%Drift		----------	
81	P	Bromoform	20.000	19.539	2.3	94	0.00	9.12
		----------	AvgRF	CCRF	%Dev		----------	
82	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00	10.64
83		Isopropylbenzene	2.708	2.861	-5.6	91	0.00	9.31
84		Cyclohexanone	0.022	0.057	-159.1#	243#	0.00	9.38
85	S	4-Bromofluorobenzene	0.907	0.972	-7.2	100	0.00	9.45
86		Bromobenzene	0.904	0.933	-3.2	92	0.00	9.60
87	P	1,1,2,2-Tetrachloroethane	0.884	0.991	-12.1	102	0.00	9.60
		----------	Amount	Calc.	%Drift		----------	
88		Trans-1,4-Dichloro-2-bute	20.000	21.492	-7.5	104	0.00	9.66
		----------	AvgRF	CCRF	%Dev		----------	
89		1,2,3-Trichloropropane	0.271	0.298	-10.0	99	0.00	9.64
90		n-Propylbenzene	3.783	4.003	-5.8	91	0.00	9.72
91		2-Chlorotoluene	2.288	2.409	-5.3	91	0.00	9.81
92		4-Chlorotoluene	2.658	2.811	-5.8	91	0.00	9.92
		----------	Amount	Calc.	%Drift		----------	
93		1,3,5-Trimethylbenzene	20.000	20.077	-0.4	92	0.00	9.91
		----------	AvgRF	CCRF	%Dev		----------	
94		Pentachloroethane	0.486	0.515	-6.0	98	0.00	10.25
		----------	Amount	Calc.	%Drift		----------	
95		sec-Butylbenzene	20.000	19.493	2.5	87	0.00	10.47
		----------	AvgRF	CCRF	%Dev		----------	
96		1,3-Dichlorobenzene	1.732	1.707	1.4	88	0.00	10.58

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE109-CC77
Lab FileID: E0001674.D

			Amount	Calc.	%Drift			
97		4-Isopropyltoluene	20.000	19.668	1.7	90	0.00	10.62
			AvgRF	CCRF	%Dev			
98		1,4-Dichlorobenzene	1.829	1.815	0.8	89	0.00	10.67
99		tert-Butylbenzene	1.528	1.625	-6.3	92	0.00	10.25
100		n-Butylbenzene	2.885	3.019	-4.6	88	0.00	11.05
101		1,2-Dichlorobenzene	1.674	1.669	0.3	90	0.00	11.05
102		1,2,4-Trimethylbenzene	2.664	2.859	-7.3	90	0.00	10.30
103		Hexachloroethane	0.475	0.496	-4.4	98	0.00	11.33
104		1,2-Dibromo-3-Chloropropa	0.149	0.165	-10.7	102	0.00	11.86
105		1,2,4-Trichlorobenzene	1.270	1.269	0.1	89	0.00	12.75
106		Hexachlorobutadiene	0.680	0.591	13.1	73	0.00	12.95
107		Naphthalene	2.667	2.832	-6.2	94	0.00	13.01
108		1,2,3-Trichlorobenzene	1.218	1.198	1.6	87	0.00	13.26
109	I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	112	0.00	10.64
			Amount	Calc.	%Drift			
110	H	TPH-GRO (C6-C10)	1000.000	1135.577	-13.6	124	0.00	6.78

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E0001254.D ve77.m Tue Sep 07 17:57:19 2010

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VE110-CC77
Lab FileID: E0001674.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\E108\E0001674.D            Vial: 2
Acq On    :  7 Sep 2010   9:49 am                     Operator: jennl
Sample    : cc77-20                                   Inst    : MS E
Misc      : ms8368,VE110,5,,,5,,Water                 Multiplr: 1.00
MS Integration Params: rteint.p

Method       : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title        : SW846 8260B and EPA624
Last Update  : Sat Aug 21 10:41:06 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	97	0.00	5.45
2		Dichlorodifluoromethane	0.281	0.277	1.4	91	0.00	1.36
3	P	Chloromethane	0.294	0.329	-11.9	109	0.01	1.49
4	C	Vinyl Chloride	0.285	0.312	-9.5	100	0.00	1.61
5		Bromomethane	0.210	0.232	-10.5	103	0.00	1.91
			Amount	Calc.	%Drift			
6		Chloroethane	20.000	20.976	-4.9	104	0.01	2.02
7		Trichlorofluoromethane	20.000	19.043	4.8	94	0.01	2.31
			AvgRF	CCRF	%Dev			
8		Ethyl Alcohol	0.001	0.021	-2000.0#	1347#	0.09	2.57
9		Ethyl Ether	0.244	0.254	-4.1	95	0.00	2.57
			Amount	Calc.	%Drift			
10		Acrolein	100.000	91.475	8.5	86	0.00	2.67
			AvgRF	CCRF	%Dev			
11	C	1,1-Dichloroethene	0.417	0.430	-3.1	100	0.00	2.79
			Amount	Calc.	%Drift			
12		Freon 113	20.000	17.709	11.5	80	0.00	2.82
13		Acetone	100.000	109.794	-9.8	100	0.00	2.83
			AvgRF	CCRF	%Dev			
14		Iodomethane	0.445	0.442	0.7	89	0.00	2.92
15		Isopropyl Alcohol	0.015	0.016	-6.7	115	0.00	2.99
16		Methyl Acetate	0.332	0.346	-4.2	97	0.00	3.15
17		Carbon Disulfide	0.787	0.782	0.6	88	0.01	3.00
			Amount	Calc.	%Drift			
18		Methylene Chloride	20.000	20.228	-1.1	92	0.00	3.25
			AvgRF	CCRF	%Dev			
19		Tert Butyl Alcohol	0.018	0.024	-33.3#	116	0.00	3.37
20		Allyl Chloride	0.628	0.634	-1.0	95	0.00	3.13
21		Acetonitrile	0.126	0.127	-0.8	95	0.00	3.13
22		trans-1,2-Dichloroethene	0.421	0.425	-1.0	92	0.00	3.50
23		Acrylonitrile	0.113	0.119	-5.3	95	0.00	3.47
24		Methyl Tert Butyl Ether	0.762	0.806	-5.8	101	0.00	3.51
			Amount	Calc.	%Drift			

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE110-CC77
Lab FileID: E0001674.D

25		Hexane	20.000	18.730	6.3	83	0.00	3.77
		----------	AvgRF	CCRF	%Dev	----------		
26	P	1,1-Dichloroethane	0.512	0.529	-3.3	93	0.00	3.89
27		Vinyl Acetate	0.509	0.543	-6.7	99	0.00	3.94
28		Di-isopropyl ether	1.010	1.047	-3.7	94	0.00	3.97
29		Chloroprene	0.470	0.472	-0.4	93	0.00	3.97
30		Ethyl tert-butyl ether	0.795	0.841	-5.8	99	0.00	4.30
31		2,2-Dichloropropane	0.349	0.367	-5.2	98	0.00	4.42
32		cis-1,2-Dichloroethene	0.300	0.298	0.7	92	0.00	4.41
33		Ethyl Acetate	0.329	0.351	-6.7	99	0.00	4.50
34		2-Butanone	0.147	0.160	-8.8	103	0.00	4.42
35		Propionitrile	0.043	0.044	-2.3	96	0.00	4.47
36		Methacrylonitrile	0.211	0.225	-6.6	103	0.00	4.61
37		Bromochloromethane	0.163	0.162	0.6	90	0.00	4.63
38	C	Chloroform	0.558	0.548	1.8	90	0.00	4.70
		----------	Amount	Calc.	%Drift	----------		
39		Tetrahydrofuran	20.000	22.990	-14.9	104	0.00	4.67
40		1,1,1-Trichloroethane	20.000	19.059	4.7	90	0.00	4.87
		----------	AvgRF	CCRF	%Dev	----------		
41	S	Dibromofluoromethane	0.274	0.290	-5.8	104	0.00	4.85
		----------	Amount	Calc.	%Drift	----------		
42		Cyclohexane	20.000	18.454	7.7	86	0.00	4.92
43		n-Butyl Alcohol	200.000	261.419	-30.7#	128	0.00	5.72
		----------	AvgRF	CCRF	%Dev	----------		
44		1,1-Dichloropropene	0.404	0.414	-2.5	92	0.00	5.02
		----------	Amount	Calc.	%Drift	----------		
45		Carbon Tetrachloride	20.000	18.990	5.1	88	0.00	5.02
		----------	AvgRF	CCRF	%Dev	----------		
46	S	1,2-Dichloroethane-d4	0.385	0.391	-1.6	101	0.00	5.14
47		Benzene	1.170	1.189	-1.6	92	0.00	5.20
		----------	Amount	Calc.	%Drift	----------		
48		Isobutyl Alcohol	200.000	247.425	-23.7#	119	0.00	5.13
		----------	AvgRF	CCRF	%Dev	----------		
49		1,2-Dichloroethane	0.482	0.489	-1.5	93	0.00	5.21
50		tert-amyl methyl ether	0.669	0.734	-9.7	103	0.00	5.31
51		Trichloroethene	0.301	0.308	-2.3	91	0.00	5.78
		----------	Amount	Calc.	%Drift	----------		
52		Methylcyclohexane	20.000	17.833	10.8	81	0.00	5.97
		----------	AvgRF	CCRF	%Dev	----------		
53		Methyl Methacrylate	0.276	0.306	-10.9	106	0.00	6.09
54	C	1,2-Dichloropropane	0.303	0.322	-6.3	96	0.00	5.98
55		Dibromomethane	0.201	0.208	-3.5	95	0.00	6.08
56		1,4-Dioxane	0.003	0.003	0.0	88	0.00	6.11
57		Bromodichloromethane	0.393	0.399	-1.5	93	0.00	6.23
		----------	Amount	Calc.	%Drift	----------		
58		2-Nitropropane	100.000	115.008	-15.0	116	0.00	6.44
		----------	AvgRF	CCRF	%Dev	----------		

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE110-CC77
Lab FileID: E0001674.D

59		2-Chloroethyl vinyl ether	0.297	0.314	-5.7	97	0.00	6.51
60		1-Bromo-2-Chloroethane	1.487	1.569	-5.5	97	0.00	6.51
61		4-Methyl-2-pentanone	0.312	0.360	-15.4	105	0.00	6.79
62		cis-1,3-Dichloropropene	0.446	0.470	-5.4	97	0.00	6.64
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00	8.28
64	S	Toluene-d8	1.330	1.410	-6.0	103	0.00	6.90
65	C	Toluene	1.678	1.725	-2.8	93	0.00	6.96
		----------	Amount	Calc.	%Drift		----------	
66		Ethyl Methacrylate	20.000	20.898	-4.5	107	0.00	7.26
67		trans-1,3-Dichloropropene	20.000	20.215	-1.1	102	0.00	7.16
		----------	AvgRF	CCRF	%Dev		----------	
68		1,1,2-Trichloroethane	0.314	0.335	-6.7	97	0.00	7.33
69		Tetrachloroethene	0.467	0.451	3.4	86	0.00	7.48
70		2-hexanone	0.289	0.343	-18.7	108	0.00	7.58
71		1,3-Dichloropropane	0.663	0.684	-3.2	96	0.00	7.49
72		Dibromochloromethane	0.391	0.403	-3.1	96	0.00	7.71
73		1,2-Dibromoethane	0.383	0.410	-7.0	99	0.00	7.82
74		1-Chlorohexane	0.521	0.527	-1.2	92	0.00	8.29
75	P	Chlorobenzene	1.125	1.116	0.8	91	0.00	8.31
76		1,1,1,2-Tetrachloroethane	0.382	0.389	-1.8	93	0.00	8.39
77	C	Ethylbenzene	1.861	1.894	-1.8	91	0.00	8.42
78		m,p-Xylene	1.427	1.485	-4.1	93	0.00	8.53
79		o-Xylene	1.452	1.496	-3.0	94	0.00	8.93
80		Styrene	1.178	1.191	-1.1	91	0.00	8.94
		----------	Amount	Calc.	%Drift		----------	
81	P	Bromoform	20.000	19.539	2.3	94	0.00	9.12
		----------	AvgRF	CCRF	%Dev		----------	
82	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00	10.64
83		Isopropylbenzene	2.708	2.861	-5.6	91	0.00	9.31
84		Cyclohexanone	0.022	0.057	-159.1#	243#	0.00	9.38
85	S	4-Bromofluorobenzene	0.907	0.972	-7.2	100	0.00	9.45
86		Bromobenzene	0.904	0.933	-3.2	92	0.00	9.60
87	P	1,1,2,2-Tetrachloroethane	0.884	0.991	-12.1	102	0.00	9.60
		----------	Amount	Calc.	%Drift		----------	
88		Trans-1,4-Dichloro-2-bute	20.000	21.492	-7.5	104	0.00	9.66
		----------	AvgRF	CCRF	%Dev		----------	
89		1,2,3-Trichloropropane	0.271	0.298	-10.0	99	0.00	9.64
90		n-Propylbenzene	3.783	4.003	-5.8	91	0.00	9.72
91		2-Chlorotoluene	2.288	2.409	-5.3	91	0.00	9.81
92		4-Chlorotoluene	2.658	2.811	-5.8	91	0.00	9.92
		----------	Amount	Calc.	%Drift		----------	
93		1,3,5-Trimethylbenzene	20.000	20.077	-0.4	92	0.00	9.91
		----------	AvgRF	CCRF	%Dev		----------	
94		Pentachloroethane	0.486	0.515	-6.0	98	0.00	10.25
		----------	Amount	Calc.	%Drift		----------	
95		sec-Butylbenzene	20.000	19.493	2.5	87	0.00	10.47
		----------	AvgRF	CCRF	%Dev		----------	
96		1,3-Dichlorobenzene	1.732	1.707	1.4	88	0.00	10.58

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VE110-CC77
Lab FileID: E0001674.D

			Amount	Calc.	%Drift			
97		4-Isopropyltoluene	20.000	19.668	1.7	90	0.00	10.62
			AvgRF	CCRF	%Dev			
98		1,4-Dichlorobenzene	1.829	1.815	0.8	89	0.00	10.67
99		tert-Butylbenzene	1.528	1.625	-6.3	92	0.00	10.25
100		n-Butylbenzene	2.885	3.019	-4.6	88	0.00	11.05
101		1,2-Dichlorobenzene	1.674	1.669	0.3	90	0.00	11.05
102		1,2,4-Trimethylbenzene	2.664	2.859	-7.3	90	0.00	10.30
103		Hexachloroethane	0.475	0.496	-4.4	98	0.00	11.33
104		1,2-Dibromo-3-Chloropropa	0.149	0.165	-10.7	102	0.00	11.86
105		1,2,4-Trichlorobenzene	1.270	1.269	0.1	89	0.00	12.75
106		Hexachlorobutadiene	0.680	0.591	13.1	73	0.00	12.95
107		Naphthalene	2.667	2.832	-6.2	94	0.00	13.01
108		1,2,3-Trichlorobenzene	1.218	1.198	1.6	87	0.00	13.26
109	I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	112	0.00	10.64
			Amount	Calc.	%Drift			
110	H	TPH-GRO (C6-C10)	1000.000	1135.577	-13.6	124	0.00	6.78

(#) = Out of Range SPCC's out = 0 CCC's out = 0
E0001254.D ve77.m Tue Sep 07 17:57:19 2010

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VY2583-ICC2583
Lab FileID: Y0041492.D

Response Factor Report GCMS_Y

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

Calibration Files
5 =Y0041493.D 2 =Y0041490.D 3 =Y0041491.D 4 =Y0041492.D
7 =Y0041495.D 6 =Y0041494.D 1 =Y0041489.D

Compound	5	2	3	4	7	6	1	Avg	%RSD
1) I Fluorobenzene	----------ISTD----------								
2) Dichlorodifluorom	0.112	0.096	0.098	0.100	0.110	0.109	0.060	0.098	18.11
---- Linear regression ---- Coefficient = 0.9996									
Response Ratio = -0.00411 + 0.11119 *A									
3)P Chloromethane	0.147	0.127	0.129	0.129	0.142	0.138	0.105	0.131	10.33
4)C Vinyl Chloride	0.143	0.119	0.124	0.126	0.141	0.135	0.087	0.125	15.18
---- Linear regression ---- Coefficient = 0.9993									
Response Ratio = -0.00661 + 0.14184 *A									
5) Bromomethane	0.117	0.104	0.106	0.104	0.112	0.111	0.092	0.107	7.36
6) Chloroethane	0.094	0.081	0.080	0.082	0.092	0.090	0.053	0.082	16.97
---- Linear regression ---- Coefficient = 0.9994									
Response Ratio = -0.00384 + 0.09290 *A									
7) Trichlorofluorome	0.175	0.151	0.161	0.159	0.174	0.173	0.116	0.158	13.21
8) Ethyl Alcohol	0.012	0.011	0.010	0.011	0.011	0.011	0.010	0.011	6.37
9) Ethyl ether	0.159	0.147	0.128	0.142	0.154	0.155	0.146	0.147	6.88
10) Acrolein	0.008	0.006	0.005	0.007	0.007	0.007	0.004	0.006	16.55
---- Linear regression ---- Coefficient = 0.9961									
Response Ratio = 0.00003 + 0.00679 *A									
11)C 1,1-Dichloroethen	0.126	0.116	0.097	0.114	0.119	0.120	0.080	0.110	14.57
12) Freon 113	0.125	0.120	0.098	0.113	0.116	0.117	0.079	0.110	14.52
13) Acetone	0.038	0.043	0.033	0.035	0.033	0.033	0.043	0.037	11.98
14) Isopropyl Alcohol	0.009	0.009	0.009	0.008	0.009	0.008	0.009	0.009	7.02
15) Iodomethane	0.252	0.224	0.187	0.228	0.238	0.237	0.159	0.218	15.09
---- Linear regression ---- Coefficient = 0.9989									
Response Ratio = -0.00643 + 0.24067 *A									
16) Methyl acetate	0.153	0.139	0.127	0.140	0.139	0.141	0.132	0.139	5.97
17) Carbon Disulfide	0.435	0.402	0.330	0.395	0.407	0.408	0.299	0.382	12.73
18) Allyl Chloride	0.237	0.211	0.216	0.208	0.233	0.226	0.204	0.219	5.82
19) Acetonitrile	0.014	0.013	0.013	0.012	0.013	0.012	0.008	0.012	15.61
---- Linear regression ---- Coefficient = 0.9958									
Response Ratio = -0.00041 + 0.01288 *A									
20) Methylene Chlorid	0.179	0.222	0.167	0.172	0.160	0.166	0.262	0.190	19.87
---- Linear regression ---- Coefficient = 0.9986									
Response Ratio = 0.01193 + 0.15897 *A									
21) Tert Butyl Alcoho	0.018	0.016	0.014	0.016	0.016	0.016	0.011	0.015	13.42
22) trans-1,2-Dichlor	0.176	0.167	0.145	0.162	0.175	0.176	0.145	0.164	8.32
23) Acrylonitrile	0.050	0.044	0.040	0.045	0.046	0.046	0.039	0.044	8.68
24) Hexane	0.255	0.247	0.220	0.244	0.252	0.262	0.230	0.244	5.91
25) Methyl Tert Butyl	0.512	0.462	0.392	0.450	0.475	0.477	0.348	0.445	12.61

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-ICC2583
Lab FileID: Y0041492.D

26)P	1,1-Dichloroethan	0.333	0.328	0.284	0.314	0.323	0.329	0.314	0.318	5.17
27)	Vinyl acetate	0.253	0.197	0.193	0.225	0.241	0.243	0.203	0.222	11.10
28)	Di-isopropyl ethe	0.701	0.650	0.563	0.633	0.662	0.678	0.520	0.629	10.33
29)	Chloroprene	0.245	0.235	0.243	0.219	0.249	0.242	0.252	0.241	4.63
30)	Ethyl tert-butyl	0.609	0.552	0.474	0.547	0.566	0.577	0.441	0.538	11.06
31)	Ethyl Acetate	0.209	0.202	0.186	0.204	0.203	0.190	0.183	0.197	5.09
32)	2,2-Dichloropropa	0.175	0.172	0.149	0.168	0.163	0.166	0.146	0.163	6.88
33)	cis-1,2-Dichloroe	0.205	0.195	0.171	0.189	0.203	0.206	0.180	0.193	6.96
34)	2-Butanone	0.024	0.022	0.019	0.021	0.021	0.022	0.018	0.021	10.08
35)	Propionitrile	0.022	0.020	0.021	0.018	0.020	0.019	0.020	0.020	5.83
36)	Bromochloromethan	0.111	0.104	0.092	0.104	0.108	0.111	0.097	0.104	6.83
37)	Methacrylonitrile	0.111	0.100	0.109	0.097	0.101	0.100	0.103	0.103	5.02
38)C	Chloroform	0.348	0.348	0.300	0.327	0.336	0.346	0.340	0.335	5.18
39)	Tetrahydrofuran	0.055	0.054	0.046	0.053	0.053	0.054	0.038	0.050	12.36
40)	1,1,1-Trichloroet	0.236	0.235	0.198	0.219	0.227	0.232	0.193	0.220	8.04
41)S	Dibromofluorometh	0.196	0.187	0.201	0.186	0.203	0.203	0.206	0.197	4.07
42)	Cyclohexane	0.251	0.237	0.207	0.232	0.245	0.247	0.185	0.229	10.58
43)	Isobutyl Alcohol	0.008	0.007	0.007	0.007	0.008	0.007	0.006	0.007	10.70
44)	1,1-Dichloroprope	0.259	0.259	0.224	0.252	0.257	0.268	0.239	0.251	5.89
45)	n-Butyl Alcohol	0.005	0.004	0.005	0.004	0.005	0.005	0.003	0.004	18.20

---- Linear regression ---- Coefficient = 0.9976
Response Ratio = -0.00420 + 0.00530 *A

46)	Carbon Tetrachlor	0.218	0.221	0.187	0.205	0.212	0.217	0.190	0.207	6.73
47)S	1,2-Dichloroethan	0.214	0.210	0.223	0.205	0.216	0.219	0.224	0.216	3.23
48)	Benzene	0.886	0.895	0.772	0.854	0.856	0.890	0.839	0.856	4.98
49)	1,2-Dichloroethan	0.265	0.257	0.226	0.250	0.249	0.259	0.246	0.250	5.01
50)	tert-amyl methyl	0.599	0.525	0.471	0.535	0.555	0.568	0.405	0.523	12.49
51)	Trichloroethene	0.216	0.220	0.191	0.213	0.213	0.222	0.205	0.211	4.92
52)	1-Bromo-2-Chloroe	0.692	0.590	0.564	0.629	0.665	0.673	0.592	0.629	7.74
53)	Methylcyclohexane	0.285	0.263	0.239	0.267	0.277	0.287	0.222	0.263	9.25
54)	Methyl Methacryla	0.190	0.162	0.195	0.162	0.189	0.188	0.186	0.182	7.52
55)C	1,2-Dichloropropa	0.255	0.252	0.222	0.247	0.242	0.255	0.223	0.242	5.91
56)	Dibromomethane	0.139	0.138	0.118	0.134	0.130	0.135	0.120	0.131	6.46
57)	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	19.81

---- Linear regression ---- Coefficient = 0.9975
Response Ratio = -0.00082 + 0.00205 *A

58)	Bromodichlorometh	0.317	0.316	0.278	0.303	0.302	0.318	0.282	0.302	5.47
59)	2-Nitropropane	0.050	0.045	0.042	0.047	0.044	0.046	0.044	0.045	6.09
60)	2-Chloroethyl vin	0.138	0.118	0.113	0.126	0.133	0.135	0.118	0.126	7.74
61)	4-Methyl-2-pentan	0.034	0.028	0.026	0.028	0.030	0.031	0.023	0.029	11.65
62)	cis-1,3-Dichlorop	0.421	0.410	0.358	0.407	0.404	0.426	0.388	0.402	5.73

63) I Chlorobenzene-d5 ----------ISTD----------

64)S	Toluene-d8	1.049	1.042	1.089	1.004	1.108	1.083	1.104	1.068	3.57
65)C	Toluene	0.782	0.771	0.670	0.743	0.788	0.783	0.759	0.757	5.46
66)	Ethyl Methacrylat	0.405	0.317	0.368	0.333	0.412	0.378	0.327	0.363	10.53
67)	trans-1,3-Dichlor	0.441	0.411	0.362	0.419	0.442	0.437	0.391	0.415	7.10
68)	1,1,2-Trichloroet	0.241	0.236	0.207	0.227	0.235	0.234	0.222	0.229	5.11
69)	Tetrachloroethene	0.265	0.260	0.232	0.252	0.270	0.268	0.257	0.258	4.95
70)	2-hexanone	0.179	0.147	0.139	0.152	0.167	0.163	0.138	0.155	9.85
71)	1,3-Dichloropropa	0.481	0.466	0.415	0.452	0.465	0.464	0.431	0.453	5.06
72)	Dibromochlorometh	0.334	0.315	0.282	0.316	0.326	0.325	0.298	0.314	5.69
73)	1,2-Dibromoethane	0.290	0.271	0.241	0.268	0.278	0.274	0.267	0.270	5.50
74)	1-Chlorohexane	0.422	0.390	0.352	0.391	0.419	0.428	0.345	0.392	8.56
75)P	Chlorobenzene	0.893	0.951	0.805	0.860	0.856	0.881	1.000	0.892	7.27
76)	1,1,1,2-Tetrachlo	0.299	0.299	0.256	0.279	0.287	0.296	0.272	0.284	5.66
77)C	Ethylbenzene	1.488	1.487	1.293	1.416	1.420	1.479	1.333	1.417	5.49
78)	m,p-Xylene	0.584	0.583	0.502	0.554	0.557	0.581	0.504	0.552	6.50

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-ICC2583
Lab FileID: Y0041492.D

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 79)  o-Xylene          0.553 0.535 0.467 0.516 0.518 0.547 0.445 0.512   7.98
 80)  Styrene           1.018 0.971 0.845 0.945 0.952 0.998 0.816 0.935   8.14
 81)P Bromoform         0.229 0.224 0.191 0.211 0.213 0.215 0.190 0.211   7.13

 82) I   1,4-Dichlorobenzene-d ----------------ISTD---------------------
 83)  Isopropylbenzene  2.537 2.336 2.192 2.498 2.499 2.591 2.312 2.423   5.98
 84)  Cyclohexanone     0.016 0.013 0.013 0.014 0.017 0.015 0.012 0.014  14.24
 85)S 4-Bromofluorobenz 0.888 0.912 0.971 0.877 0.909 0.923 1.067 0.935   7.00
 86)  Bromobenzene      0.902 0.869 0.795 0.887 0.897 0.904 0.848 0.872   4.53
 87)P 1,1,2,2-Tetrachlo 0.729 0.695 0.639 0.709 0.686 0.709 0.715 0.697   4.21
 88)  Trans-1,4-Dichlor 0.215 0.196 0.189 0.202 0.200 0.203 0.182 0.198   5.27
 89)  1,2,3-Trichloropr 0.593 0.567 0.518 0.568 0.557 0.562 0.547 0.559   4.12
 90)  n-Propylbenzene   3.489 3.312 3.080 3.453 3.440 3.532 3.110 3.345   5.50
 91)  2-Chlorotoluene   2.325 2.286 2.088 2.336 2.279 2.350 2.160 2.261   4.38
 92)  4-Chlorotoluene   2.105 2.060 1.874 2.086 2.062 2.110 1.989 2.041   4.10
 93)  1,3,5-Trimethylbe 2.265 2.129 1.978 2.257 2.185 2.275 1.942 2.148   6.44
 94)  Pentachloroethane 0.440 0.411 0.455 0.418 0.433 0.415 0.466 0.434   4.85
 95)  sec-Butylbenzene  2.689 2.561 2.411 2.647 2.647 2.720 2.434 2.587   4.74
 96)  1,3-Dichlorobenze 1.416 1.443 1.258 1.387 1.384 1.403 1.342 1.376   4.42
 97)  4-Isopropyltoluen 2.165 2.086 1.893 2.113 2.161 2.173 1.862 2.065   6.39
 98)  1,4-Dichlorobenze 1.443 1.482 1.295 1.407 1.388 1.397 1.458 1.410   4.34
 99)  tert-Butylbenzene 1.063 0.960 0.945 1.059 1.054 1.063 0.949 1.014   5.74
100)  n-Butylbenzene    1.978 1.945 1.748 1.925 1.982 1.964 1.740 1.898   5.62
101)  1,2-Dichlorobenze 1.259 1.273 1.109 1.236 1.251 1.241 1.138 1.215   5.31
102)  1,2,4-Trimethylbe 2.276 2.222 2.013 2.258 2.208 2.257 2.041 2.182   4.99
103)  Hexachloroethane  0.367 0.331 0.371 0.335 0.389 0.342 0.361 0.357   5.90
104)  1,2-Dibromo-3-Chl 0.090 0.079 0.071 0.081 0.090 0.079 0.066 0.079  11.41
105)  1,2,4-Trichlorobe 0.744 0.636 0.558 0.672 0.859 0.692 0.531 0.671  16.63
             ---- Linear regression ----  Coefficient =  0.9910
               Response Ratio = -0.11784 + 0.85789 *A

106)  Hexachlorobutadie 0.404 0.361 0.329 0.373 0.464 0.386 0.309 0.375  13.57
107)  Naphthalene       1.609 1.202 1.097 1.377 1.817 1.451 0.980 1.362  21.57
             ---- Linear regression ----  Coefficient =  0.9908
               Response Ratio = -0.27049 + 1.82156 *A

108)  1,2,3-Trichlorobe 0.733 0.591 0.525 0.654 0.830 0.659 0.465 0.637  19.39
             ---- Linear regression ----  Coefficient =  0.9903
               Response Ratio = -0.11565 + 0.82900 *A


109) I   1,4-Dichlorobenzene-d ----------------ISTD---------------------
110)H TPH-GRO (C6-C10)                                          0.000# -1.00
 ---------------------------------------------------------------------------
 (#) = Out of Range

          VY2583AP9.M        Wed Aug 18 11:13:33 2010
```

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-ICV2583
Lab FileID: Y0041497.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	50.000	50.000	0.0	101	0.00	9.94
2		Dichlorodifluoromethane	40.000	24.463	38.8#	64	0.00	3.94
3	P	Chloromethane	40.000	36.261	9.3	93	0.00	4.34
4	C	Vinyl Chloride	40.000	31.091	22.3#	82	0.00	4.56
5		Bromomethane	40.000	35.055	12.4	91	0.00	5.21
6		Chloroethane	40.000	33.334	16.7	89	0.00	5.38
7		Trichlorofluoromethane	40.000	32.697	18.3	82	0.00	5.75
8		Ethyl Alcohol	400.000	398.619	0.3	103	0.00	6.15
9		Ethyl ether	40.000	39.358	1.6	103	0.00	6.15
10		Acrolein	200.000	169.228	15.4	87	0.00	6.46
11	C	1,1-Dichloroethene	40.000	34.757	13.1	85	0.00	6.55
12		Freon 113	40.000	33.025	17.4	81	0.00	6.46
13		Acetone	200.000	196.760	1.6	105	0.00	6.65
14		Isopropyl Alcohol	400.000	837.250	-109.3#	238	0.00	6.73
15		Iodomethane	40.000	35.164	12.1	90	0.00	6.83
16		Methyl acetate	200.000	187.377	6.3	94	0.00	7.02
17		Carbon Disulfide	40.000	33.465	16.3	82	0.00	6.92
18		Allyl Chloride	40.000	38.968	2.6	104	0.00	7.05
19		Acetonitrile	200.000	443.578	-121.8#	237	0.00	7.12
20		Methylene Chloride	40.000	37.179	7.1	95	0.00	7.25
21		Tert Butyl Alcohol	400.000	427.474	-6.9	106	0.00	7.24
22		trans-1,2-Dichloroethene	40.000	34.286	14.3	88	0.00	7.53
23		Acrylonitrile	200.000	222.563	-11.3	110	0.00	7.60
24		Hexane	40.000	30.397	24.0#	77	0.00	7.73
25		Methyl Tert Butyl Ether	40.000	39.509	1.2	99	0.00	7.45
26	P	1,1-Dichloroethane	40.000	35.995	10.0	92	0.00	8.08
27		Vinyl acetate	200.000	231.937	-16.0	116	0.00	8.03
28		Di-isopropyl ether	40.000	38.398	4.0	96	0.00	7.96
29		Chloroprene	40.000	37.039	7.4	103	0.00	8.14
30		Ethyl tert-butyl ether	40.000	37.837	5.4	94	0.00	8.38
31		Ethyl Acetate	200.000	210.312	-5.2	102	0.00	8.68
32		2,2-Dichloropropane	40.000	35.301	11.7	86	0.00	8.72
33		cis-1,2-Dichloroethene	40.000	38.306	4.2	98	0.00	8.74
34		2-Butanone	200.000	214.564	-7.3	109	0.00	8.71
35		Propionitrile	200.000	445.654	-122.8#	247	0.00	8.88
36		Bromochloromethane	40.000	38.188	4.5	96	0.00	9.03
37		Methacrylonitrile	200.000	424.882	-112.4#	228	0.00	9.01
38	C	Chloroform	40.000	36.616	8.5	95	0.00	9.05
39		Tetrahydrofuran	40.000	32.765	18.1	79	0.00	9.27
40		1,1,1-Trichloroethane	40.000	34.841	12.9	88	0.00	9.27
41	S	Dibromofluoromethane	40.000	46.403	-16.0	124	0.00	9.24
42		Cyclohexane	40.000	32.705	18.2	82	0.00	9.27

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-ICV2583
Lab FileID: Y0041497.D

43		Isobutyl Alcohol	400.000	974.723	-143.7#	263	0.00	9.40
44		1,1-Dichloropropene	40.000	34.154	14.6	86	0.00	9.43
45		n-Butyl Alcohol	400.000	880.115	-120.0#	283	0.00	10.09
46		Carbon Tetrachloride	40.000	34.143	14.6	87	0.00	9.41
47	S	1,2-Dichloroethane-d4	40.000	43.820	-9.6	117	0.00	9.65
48		Benzene	40.000	35.718	10.7	90	0.00	9.66
49		1,2-Dichloroethane	40.000	38.025	4.9	96	0.00	9.73
50		tert-amyl methyl ether	40.000	39.737	0.7	98	0.00	9.65
51		Trichloroethene	40.000	34.812	13.0	87	0.00	10.31
52		1-Bromo-2-Chloroethane	40.000	40.263	-0.7	102	0.00	11.08
53		Methylcyclohexane	40.000	32.889	17.8	82	0.00	10.46
54		Methyl Methacrylate	40.000	45.592	-14.0	129	0.00	10.55
55	C	1,2-Dichloropropane	40.000	37.888	5.3	94	0.00	10.60
56		Dibromomethane	40.000	39.559	1.1	97	0.00	10.75
57		1,4-Dioxane	800.000	811.439	-1.4	111	0.00	10.67
58		Bromodichloromethane	40.000	37.079	7.3	93	0.00	10.85
59		2-Nitropropane	200.000	204.213	-2.1	100	0.00	11.13
60		2-Chloroethyl vinyl ether	200.000	201.314	-0.7	102	0.00	11.08
61		4-Methyl-2-pentanone	200.000	214.395	-7.2	109	0.00	11.38
62		cis-1,3-Dichloropropene	40.000	37.676	5.8	94	0.00	11.29
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00	13.08
64	S	Toluene-d8	40.000	50.551	-26.4#	136	0.00	11.54
65	C	Toluene	40.000	35.346	11.6	91	0.00	11.61
66		Ethyl Methacrylate	40.000	42.887	-7.2	118	0.00	11.79
67		trans-1,3-Dichloropropene	40.000	40.789	-2.0	102	0.00	11.86
68		1,1,2-Trichloroethane	40.000	38.271	4.3	98	0.00	12.07
69		Tetrachloroethene	40.000	35.498	11.3	92	0.00	12.17
70		2-hexanone	200.000	201.641	-0.8	104	0.00	12.22
71		1,3-Dichloropropane	40.000	38.106	4.7	97	0.00	12.26
72		Dibromochloromethane	40.000	38.777	3.1	98	0.00	12.49
73		1,2-Dibromoethane	40.000	39.144	2.1	100	0.00	12.67
74		1-Chlorohexane	40.000	33.837	15.4	86	0.00	12.96
75	P	Chlorobenzene	40.000	35.769	10.6	94	0.00	13.12
76		1,1,1,2-Tetrachloroethane	40.000	37.841	5.4	98	0.00	13.17
77	C	Ethylbenzene	40.000	35.441	11.4	90	0.00	13.14
78		m,p-Xylene	80.000	71.549	10.6	90	0.00	13.25
79		o-Xylene	40.000	37.127	7.2	93	0.00	13.69
80		Styrene	40.000	36.693	8.3	92	0.00	13.71
81	P	Bromoform	40.000	38.889	2.8	98	0.00	14.00
82	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00	15.49
83		Isopropylbenzene	40.000	41.010	-2.5	106	0.00	14.03
84		Cyclohexanone	200.000	699.331	-249.7#	370	0.00	14.27
85	S	4-Bromofluorobenzene	40.000	47.455	-18.6	135	0.00	14.28
86		Bromobenzene	40.000	36.928	7.7	97	0.00	14.48
87	P	1,1,2,2-Tetrachloroethane	40.000	39.596	1.0	104	0.00	14.40
88		Trans-1,4-Dichloro-2-Bute	40.000	37.715	5.7	99	0.00	14.45
89		1,2,3-Trichloropropane	40.000	36.354	9.1	95	0.00	14.49
90		n-Propylbenzene	40.000	35.157	12.1	91	0.00	14.45
91		2-Chlorotoluene	40.000	35.826	10.4	92	0.00	14.63
92		4-Chlorotoluene	40.000	36.252	9.4	94	0.00	14.74
93		1,3,5-Trimethylbenzene	40.000	36.441	8.9	92	0.00	14.61
94		Pentachloroethane	40.000	36.756	8.1	102	0.00	15.08
95		sec-Butylbenzene	40.000	35.375	11.6	92	0.00	15.20
96		1,3-Dichlorobenzene	40.000	35.339	11.7	93	0.00	15.42
97		4-Isopropyltoluene	40.000	35.282	11.8	92	0.00	15.31
98		1,4-Dichlorobenzene	40.000	35.157	12.1	94	0.00	15.51
99		tert-Butylbenzene	40.000	35.665	10.8	91	0.00	14.97
100		n-Butylbenzene	40.000	33.235	16.9	87	0.00	15.74

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2583-ICV2583
Lab FileID: Y0041497.D

101		1,2-Dichlorobenzene	40.000	36.203	9.5	95	0.00	15.92
102		1,2,4-Trimethylbenzene	40.000	36.261	9.3	93	0.00	15.03
103		Hexachloroethane	40.000	40.959	-2.4	116	0.00	16.14
104		1,2-Dibromo-3-Chloropropa	40.000	39.997	0.0	104	0.00	16.72
105		1,2,4-Trichlorobenzene	40.000	33.420	16.4	90	0.00	17.57
106		Hexachlorobutadiene	40.000	33.269	16.8	89	0.00	17.65
107		Naphthalene	40.000	35.508	11.2	99	0.00	17.90
108		1,2,3-Trichlorobenzene	40.000	33.786	15.5	90	0.00	18.19
109	I	1,4-Dichlorobenzene-d4a	50.000	50.000	0.0	106	0.00	15.49
110	H	TPH-GRO (C6-C10)	2000.000	0.000	100.0#	0	0.00	11.10

(#) = Out of Range SPCC's out = 0 CCC's out = 1
Y0041492.D VY2583AP9.M Wed Aug 18 11:22:25 2010

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: VY2602-CC2583
Lab FileID: Y0041925.D

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D          Vial: 2
Acq On    :  7 Sep 2010   7:02 am                    Operator: fayzai
Sample    : cc2583-20                                Inst    : GCMS_Y
Misc      : ms8361,vy2602,5.,,,5,,soil               Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title        : SW846 8260B and EPA 624
Last Update  : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.001  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	96	0.00	9.94
		Amount	Calc.	%Drift			
2	Dichlorodifluoromethane	20.000	20.896	-4.5	103	0.00	3.93
		AvgRF	CCRF	%Dev			
3 P	Chloromethane	0.131	0.123	6.1	91	0.00	4.34
		Amount	Calc.	%Drift			
4 C	Vinyl Chloride	20.000	18.720	6.4	89	0.00	4.56
		AvgRF	CCRF	%Dev			
5	Bromomethane	0.107	0.109	-1.9	98	0.00	5.21
		Amount	Calc.	%Drift			
6	Chloroethane	20.000	19.688	1.6	97	0.00	5.38
		AvgRF	CCRF	%Dev			
7	Trichlorofluoromethane	0.158	0.176	-11.4	105	0.00	5.75
8	Ethyl Alcohol	0.011	0.010	9.1	97	0.00	6.15
9	Ethyl ether	0.147	0.133	9.5	99	0.00	6.15
		Amount	Calc.	%Drift			
10	Acrolein	100.000	80.089	19.9	95	0.00	6.46
		AvgRF	CCRF	%Dev			
11 C	1,1-Dichloroethene	0.110	0.114	-3.6	112	0.00	6.55
12	Freon 113	0.110	0.115	-4.5	112	0.00	6.46
13	Acetone	0.037	0.034	8.1	100	0.00	6.65
14	Isopropyl Alcohol	0.009	0.007	22.2#	77	0.00	6.73
		Amount	Calc.	%Drift			
15	Iodomethane	20.000	19.722	1.4	113	0.00	6.83
		AvgRF	CCRF	%Dev			
16	Methyl acetate	0.139	0.116	16.5	87	0.00	7.02
17	Carbon Disulfide	0.382	0.370	3.1	107	0.00	6.92
18	Allyl Chloride	0.219	0.220	-0.5	97	0.00	7.05
		Amount	Calc.	%Drift			
19	Acetonitrile	100.000	88.492	11.5	84	0.00	7.12
20	Methylene Chloride	20.000	18.984	5.1	104	0.00	7.24

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2602-CC2583
Lab FileID: Y0041925.D

			AvgRF	CCRF	%Dev			
21		Tert Butyl Alcohol	0.015	0.013	13.3	84	0.00	7.24
22		trans-1,2-Dichloroethene	0.164	0.166	-1.2	109	0.00	7.52
23		Acrylonitrile	0.044	0.037	15.9	87	0.00	7.60
24		Hexane	0.244	0.257	-5.3	111	0.00	7.72
25		Methyl Tert Butyl Ether	0.445	0.406	8.8	99	0.00	7.45
26	P	1,1-Dichloroethane	0.318	0.301	5.3	101	0.00	8.08
27		Vinyl acetate	0.222	0.180	18.9	89	0.00	8.03
28		Di-isopropyl ether	0.629	0.559	11.1	95	0.00	7.96
29		Chloroprene	0.241	0.244	-1.2	96	0.00	8.14
30		Ethyl tert-butyl ether	0.538	0.484	10.0	98	0.00	8.37
31		Ethyl Acetate	0.197	0.159	19.3	82	0.00	8.67
32		2,2-Dichloropropane	0.163	0.165	-1.2	106	0.00	8.72
33		cis-1,2-Dichloroethene	0.193	0.193	0.0	108	0.00	8.74
34		2-Butanone	0.021	0.019	9.5	97	0.00	8.71
35		Propionitrile	0.020	0.018	10.0	82	0.00	8.88
36		Bromochloromethane	0.104	0.103	1.0	107	0.00	9.02
37		Methacrylonitrile	0.103	0.093	9.7	81	0.00	9.01
38	C	Chloroform	0.335	0.322	3.9	103	0.00	9.05
39		Tetrahydrofuran	0.050	0.048	4.0	99	0.00	9.27
40		1,1,1-Trichloroethane	0.220	0.224	-1.8	108	0.00	9.26
41	S	Dibromofluoromethane	0.197	0.204	-3.6	97	0.00	9.23
42		Cyclohexane	0.229	0.237	-3.5	110	0.00	9.27
43		Isobutyl Alcohol	0.007	0.006	14.3	77	0.00	9.40
44		1,1-Dichloropropene	0.251	0.262	-4.4	111	0.00	9.42

			Amount	Calc.	%Drift			
45		n-Butyl Alcohol	200.000	174.669	12.7	75	0.00	10.09

			AvgRF	CCRF	%Dev			
46		Carbon Tetrachloride	0.207	0.218	-5.3	112	0.00	9.41
47	S	1,2-Dichloroethane-d4	0.216	0.204	5.6	87	0.00	9.65
48		Benzene	0.856	0.863	-0.8	107	0.00	9.65
49		1,2-Dichloroethane	0.250	0.224	10.4	95	0.00	9.73
50		tert-amyl methyl ether	0.523	0.484	7.5	98	0.00	9.64
51		Trichloroethene	0.211	0.224	-6.2	112	0.00	10.30
52		1-Bromo-2-Chloroethane	0.629	0.558	11.3	95	0.00	11.08
53		Methylcyclohexane	0.263	0.291	-10.6	116	0.00	10.46
54		Methyl Methacrylate	0.182	0.165	9.3	81	0.00	10.55
55	C	1,2-Dichloropropane	0.242	0.237	2.1	102	0.00	10.59
56		Dibromomethane	0.131	0.124	5.3	100	0.00	10.74

			Amount	Calc.	%Drift			
57		1,4-Dioxane	400.000	351.587	12.1	94	0.00	10.66

			AvgRF	CCRF	%Dev			
58		Bromodichloromethane	0.302	0.294	2.6	101	0.00	10.84
59		2-Nitropropane	0.045	0.038	15.6	86	0.00	11.12
60		2-Chloroethyl vinyl ether	0.126	0.112	11.1	95	0.00	11.08
61		4-Methyl-2-pentanone	0.029	0.028	3.4	101	0.00	11.38
62		cis-1,3-Dichloropropene	0.402	0.390	3.0	104	0.00	11.29
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00	13.08
64	S	Toluene-d8	1.068	1.131	-5.9	104	0.00	11.54
65	C	Toluene	0.757	0.752	0.7	112	0.00	11.61
66		Ethyl Methacrylate	0.363	0.336	7.4	91	0.00	11.79
67		trans-1,3-Dichloropropene	0.415	0.368	11.3	101	0.00	11.86
68		1,1,2-Trichloroethane	0.229	0.209	8.7	101	0.00	12.07
69		Tetrachloroethene	0.258	0.279	-8.1	120	0.00	12.17

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: VY2602-CC2583
Lab FileID: Y0041925.D

70		2-hexanone	0.155	0.122	21.3#	87	0.00	12.22
71		1,3-Dichloropropane	0.453	0.414	8.6	100	0.00	12.26
72		Dibromochloromethane	0.314	0.301	4.1	107	0.00	12.49
73		1,2-Dibromoethane	0.270	0.256	5.2	106	0.00	12.67
74		1-Chlorohexane	0.392	0.415	-5.9	118	0.00	12.96
75	P	Chlorobenzene	0.892	0.875	1.9	109	0.00	13.11
76		1,1,1,2-Tetrachloroethane	0.284	0.283	0.4	110	0.00	13.17
77	C	Ethylbenzene	1.417	1.446	-2.0	112	0.00	13.14
78		m,p-Xylene	0.552	0.586	-6.2	117	0.00	13.25
79		o-Xylene	0.512	0.529	-3.3	113	0.00	13.69
80		Styrene	0.935	0.935	0.0	111	0.00	13.70
81	P	Bromoform	0.211	0.212	-0.5	111	0.00	14.00
82	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00	15.48
83		Isopropylbenzene	2.423	2.436	-0.5	119	0.00	14.03
84		Cyclohexanone	0.014	0.022	-57.1#	190	0.00	14.27
85	S	4-Bromofluorobenzene	0.935	0.946	-1.2	104	0.00	14.28
86		Bromobenzene	0.872	0.861	1.3	116	0.00	14.48
87	P	1,1,2,2-Tetrachloroethane	0.697	0.600	13.9	100	0.00	14.40
88		Trans-1,4-Dichloro-2-Bute	0.198	0.158	20.2#	89	0.00	14.46
89		1,2,3-Trichloropropane	0.559	0.458	18.1	95	0.00	14.49
90		n-Propylbenzene	3.345	3.317	0.8	115	0.00	14.45
91		2-Chlorotoluene	2.261	2.208	2.3	113	0.00	14.63
92		4-Chlorotoluene	2.041	1.963	3.8	112	0.00	14.74
93		1,3,5-Trimethylbenzene	2.148	2.197	-2.3	119	0.00	14.61
94		Pentachloroethane	0.434	0.463	-6.7	109	0.00	15.08
95		sec-Butylbenzene	2.587	2.693	-4.1	119	0.00	15.19
96		1,3-Dichlorobenzene	1.376	1.393	-1.2	118	0.00	15.42
97		4-Isopropyltoluene	2.065	2.163	-4.7	122	0.00	15.31
98		1,4-Dichlorobenzene	1.410	1.419	-0.6	117	0.00	15.51
99		tert-Butylbenzene	1.014	1.023	-0.9	116	0.00	14.97
100		n-Butylbenzene	1.898	1.935	-1.9	118	0.00	15.74
101		1,2-Dichlorobenzene	1.215	1.227	-1.0	118	0.00	15.92
102		1,2,4-Trimethylbenzene	2.182	2.217	-1.6	118	0.00	15.02
103		Hexachloroethane	0.357	0.365	-2.2	105	0.00	16.14
104		1,2-Dibromo-3-Chloropropa	0.079	0.070	11.4	107	0.00	16.72
		----------	Amount	Calc.	%Drift	----------		
105		1,2,4-Trichlorobenzene	20.000	21.933	-9.7	124	0.00	17.57
		----------	AvgRF	CCRF	%Dev	----------		
106		Hexachlorobutadiene	0.375	0.382	-1.9	124	0.00	17.65
		----------	Amount	Calc.	%Drift	----------		
107		Naphthalene	20.000	20.634	-3.2	117	0.00	17.90
108		1,2,3-Trichlorobenzene	20.000	20.924	-4.6	118	0.00	18.19
		----------	AvgRF	CCRF	%Dev	----------		
109	I	1,4-Dichlorobenzene-d4a	1.000	1.000	0.0	101	0.00	15.48
		----------	Amount	Calc.	%Drift	----------		
110	H	TPH-GRO (C6-C10)	1000.000	1002.971	-0.3	94	0.00	11.10

(#) = Out of Range SPCC's out = 0 CCC's out = 0
Y0041491.D VY2583AP9.M Tue Sep 07 12:08:22 2010

Gulf Coast ACCUTEST LABORATORIES

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001685.D
Acq On : 7 Sep 2010 2:17 pm
Operator : jennl
Sample : t59309-1
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 07 17:59:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Sat Aug 21 10:41:06 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	194224	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	143064	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	73407	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	73407	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.851	113	50530	47.56	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 95.12%			
46) 1,2-Dichloroethane-d4	5.144	65	70867	47.40	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 94.80%			
64) Toluene-d8	6.899	98	189428	49.76	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 99.52%			
85) 4-Bromofluorobenzene	9.454	95	67132	50.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 100.86%			

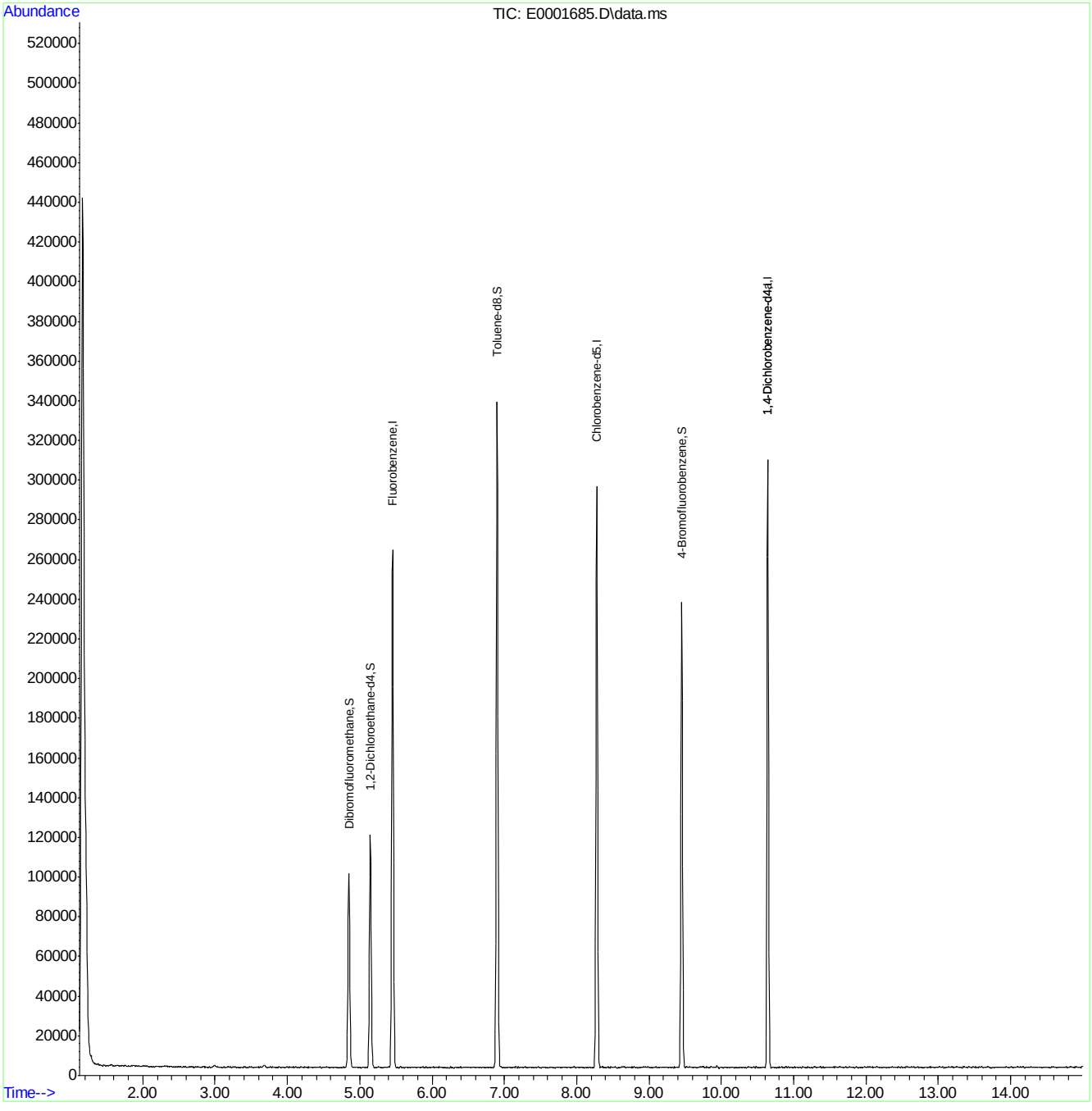
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001685.D
Acq On : 7 Sep 2010 2:17 pm
Operator : jennl
Sample : t59309-1
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 07 17:59:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Sat Aug 21 10:41:06 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001686.D
Acq On : 7 Sep 2010 2:40 pm
Operator : jennl
Sample : t59309-2
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 07 17:59:43 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	192567	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	140114	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	74579	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	74579	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	51241	48.65	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 97.30%			
46) 1,2-Dichloroethane-d4	5.144	65	71644	48.33	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 96.66%			
64) Toluene-d8	6.899	98	192491	51.63	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 103.26%			
85) 4-Bromofluorobenzene	9.454	95	68231	50.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 100.90%			

Target Compounds Qvalue

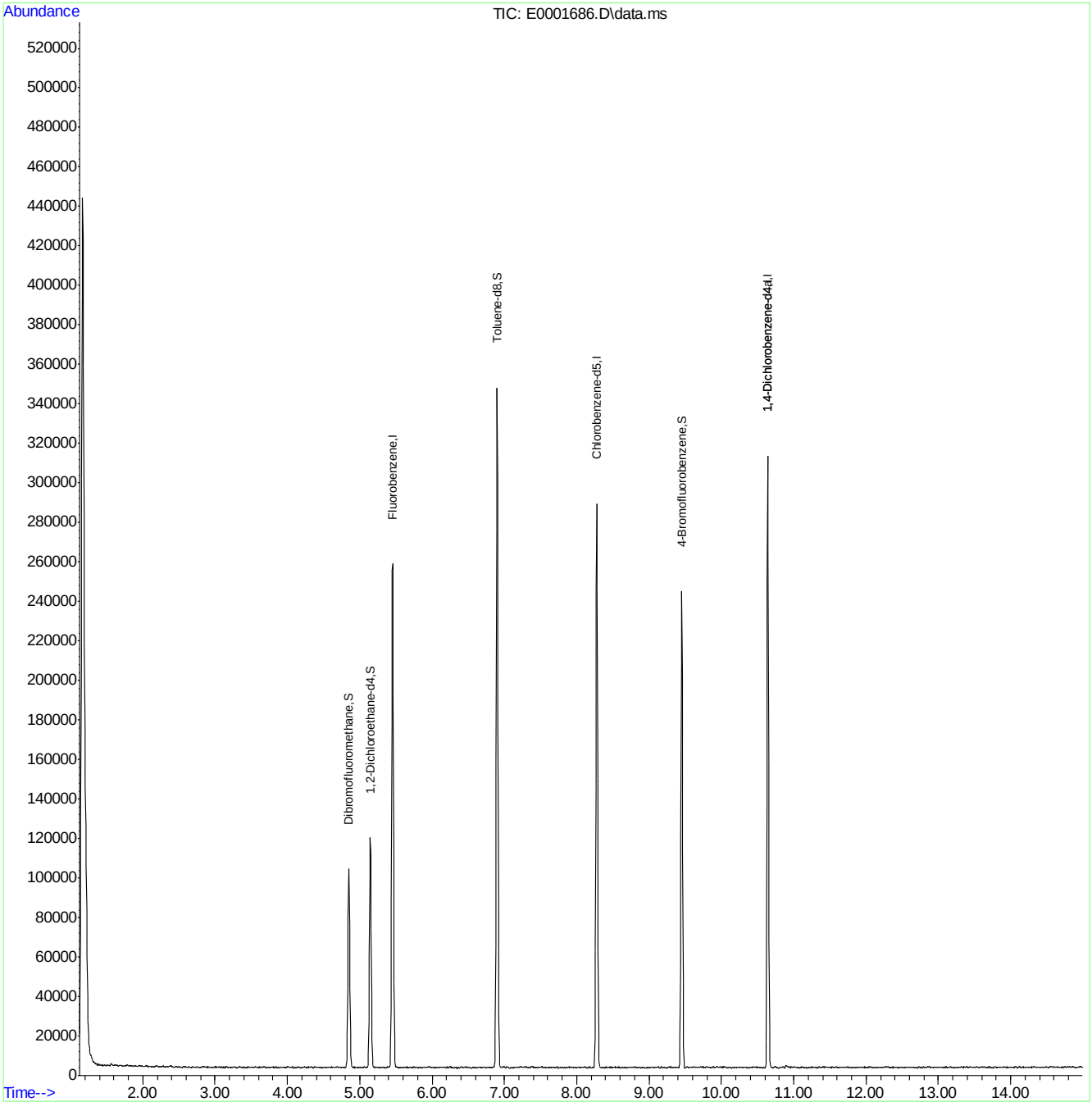
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST LABORATORIES T59309

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001686.D
Acq On : 7 Sep 2010 2:40 pm
Operator : jennl
Sample : t59309-2
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 07 17:59:43 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041929.D Vial: 6
Acq On : 7 Sep 2010 9:06 am Operator: fayzai
Sample : t59309-3 Inst : GCMS_Y
Misc : ms8367,vy2602,5.27,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:38 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	728773	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	634479	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	263372	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	263372	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	134572	46.79	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 93.58%			
47) 1,2-Dichloroethane-d4	9.65	65	119825	38.07	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 76.14%			
64) Toluene-d8	11.54	98	677801	50.00	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 100.00%			
85) 4-Bromofluorobenzene	14.28	95	224581	45.59	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 91.18%			

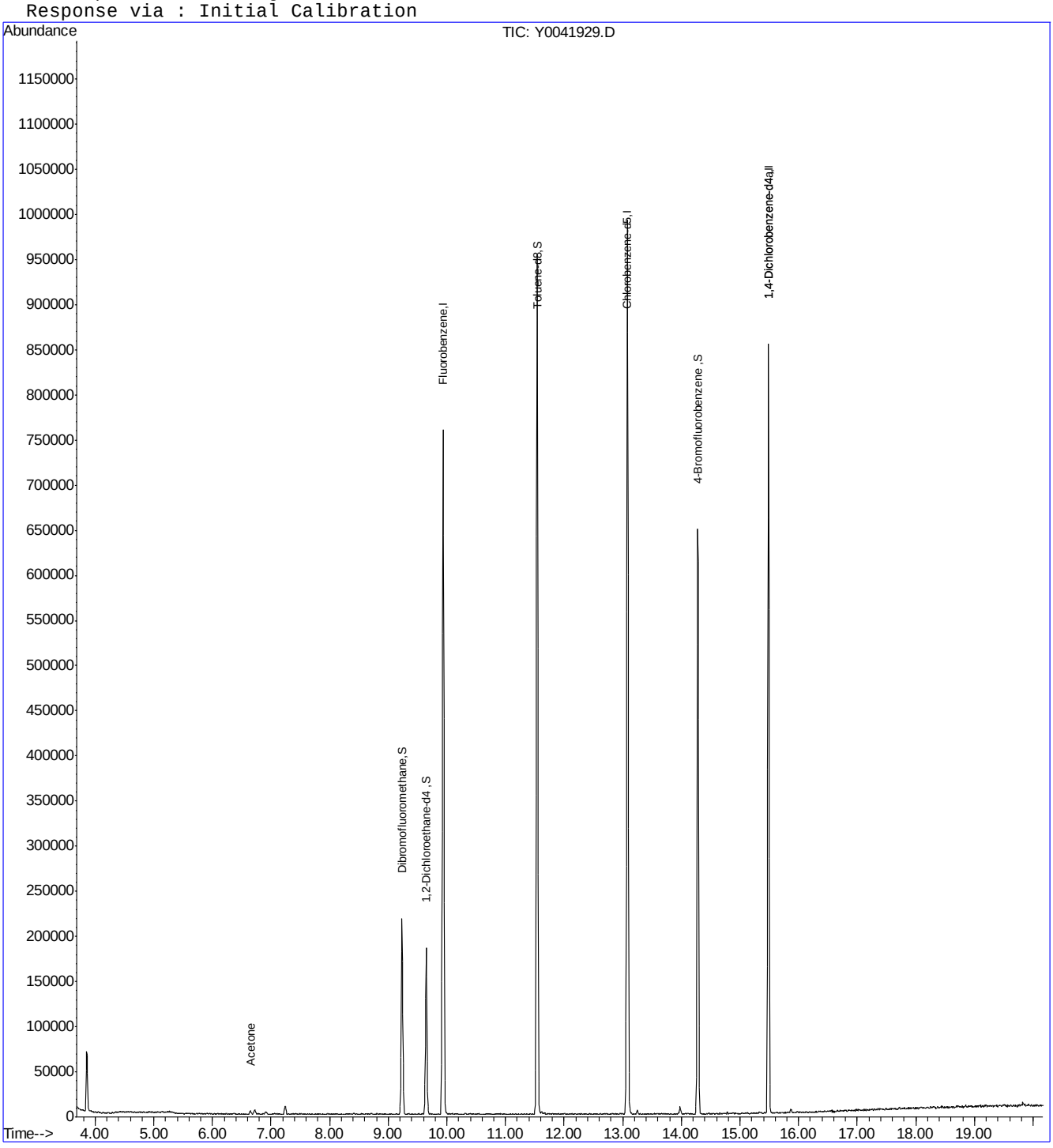
Target Compounds						Qvalue
13) Acetone	6.64	43	5056	9.43	ug/kg	93

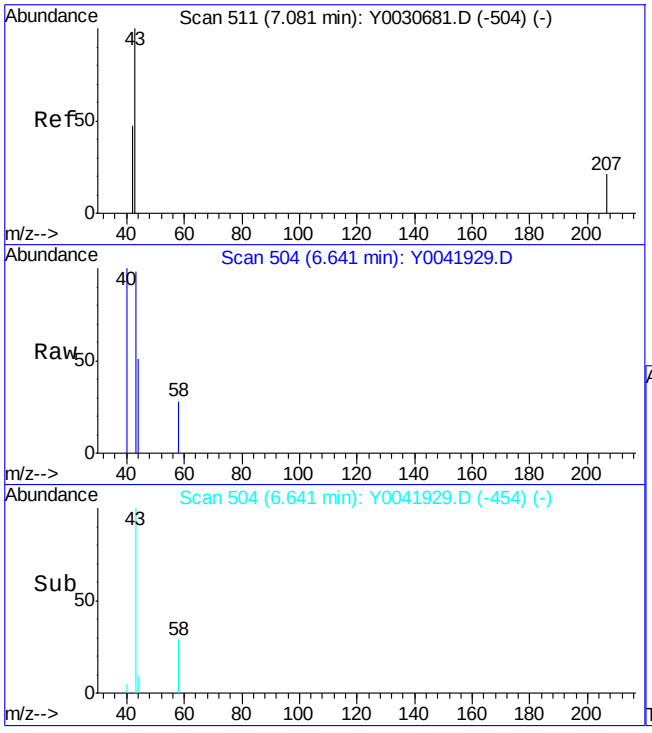
(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041929.D VY2583AP9.M Tue Sep 07 13:39:13 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041929.D Vial: 6
Acq On : 7 Sep 2010 9:06 am Operator: fayzai
Sample : t59309-3 Inst : GCMS_Y
Misc : ms8367,vy2602,5.27,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:00 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

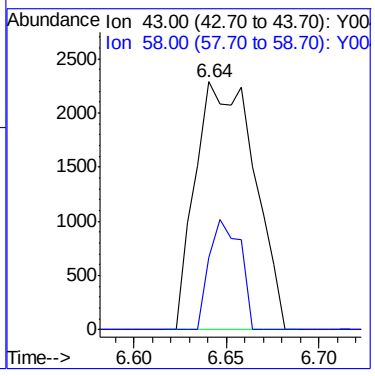




#13
Acetone
Concen: 9.43 ug/kg
RT: 6.64 min Scan# 504
Delta R.T. -0.01 min
Lab File: Y0041929.D
Acq: 7 Sep 2010 9:06 am

Tgt Ion: 43 Resp: 5056

Ion	Ratio	Lower	Upper
43	100		
58	29.1	3.2	63.2



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041937.D Vial: 14
Acq On : 7 Sep 2010 1:00 pm Operator: fayzai
Sample : T59309-4 Inst : GCMS_Y
Misc : ms8367,vy2602,5.23,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 13:34:54 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	361641	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	299449	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	125545	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	125545	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.24	113	65676	46.02	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 92.04%			
47) 1,2-Dichloroethane-d4	9.65	65	63031	40.36	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 80.72%			
64) Toluene-d8	11.54	98	327054	51.12	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 102.24%			
85) 4-Bromofluorobenzene	14.28	95	107082	45.60	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 91.20%			

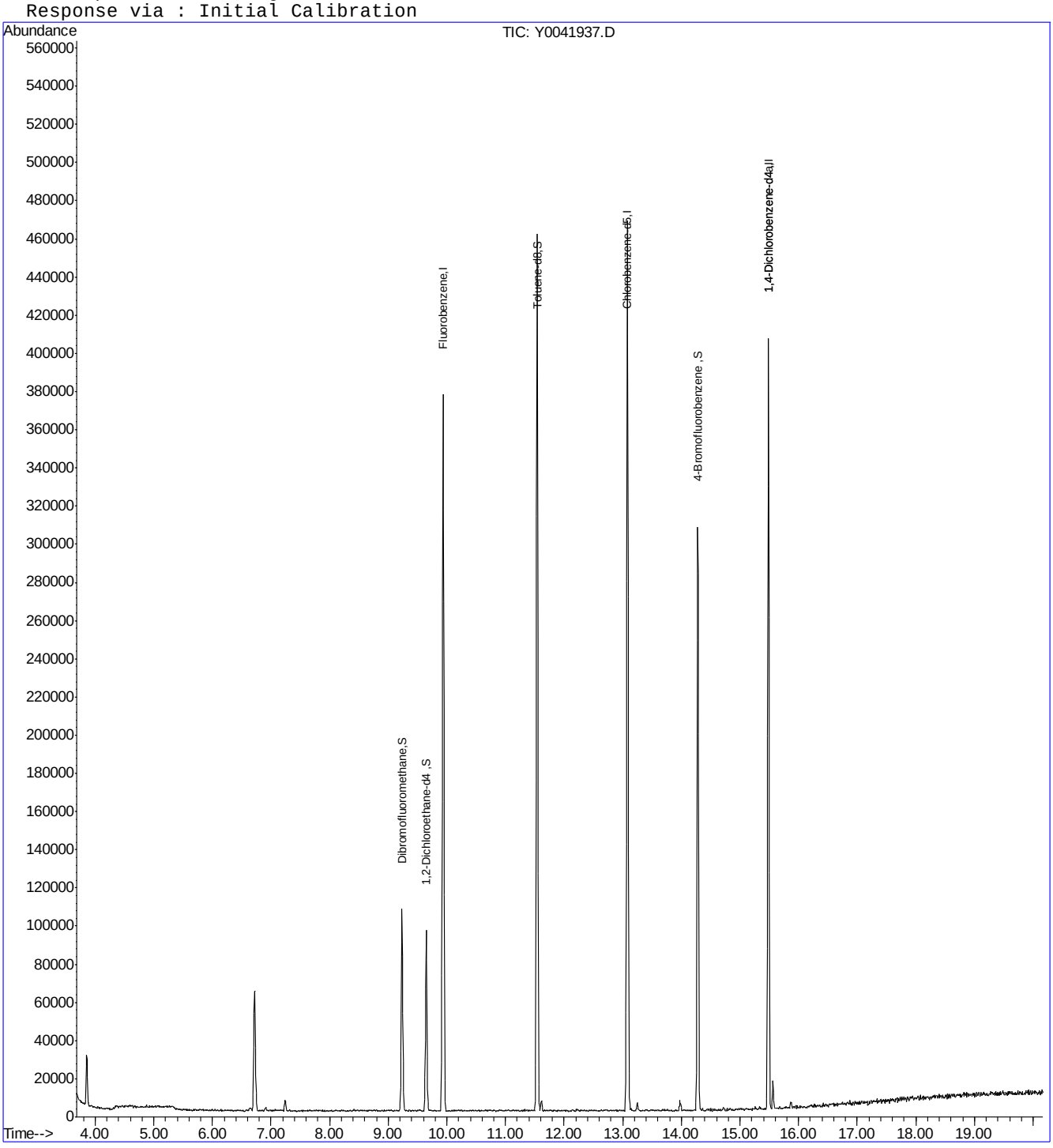
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041937.D VY2583AP9.M Tue Sep 07 13:39:25 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041937.D Vial: 14
Acq On : 7 Sep 2010 1:00 pm Operator: fayzai
Sample : T59309-4 Inst : GCMS_Y
Misc : ms8367,vy2602,5.23,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 13:35 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041930.D Vial: 7
Acq On : 7 Sep 2010 9:36 am Operator: fayzai
Sample : t59309-4CF Inst : GCMS_Y
Misc : ms8367,vy2602,5.90,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:38 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	308921	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	268729	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	119684	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	119684	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	57357	47.05	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 94.10%			
47) 1,2-Dichloroethane-d4	9.65	65	54471	40.83	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 81.66%			
64) Toluene-d8	11.54	98	284299	49.52	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 99.04%			
85) 4-Bromofluorobenzene	14.28	95	97334	43.48	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 86.96%			

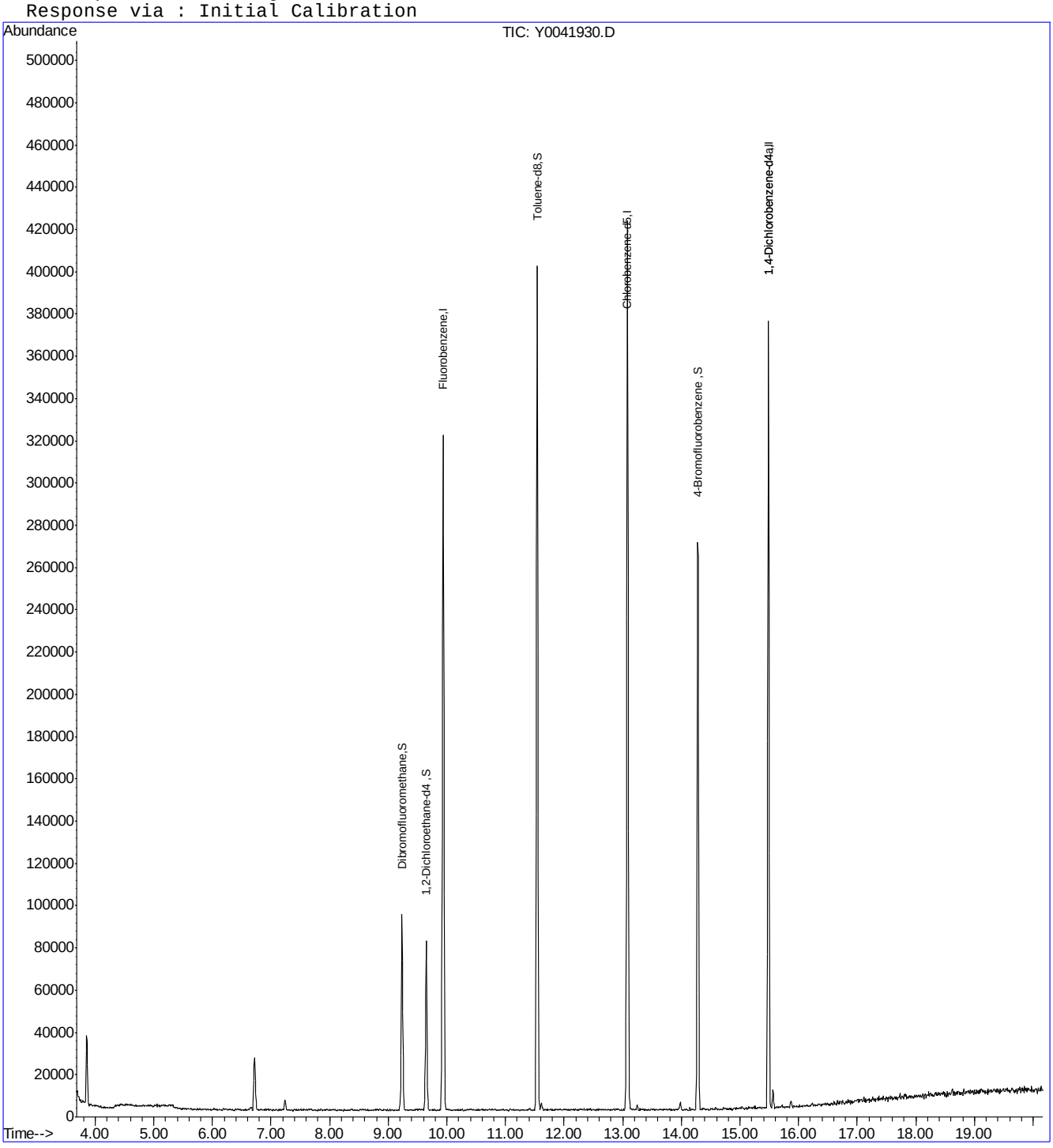
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041930.D VY2583AP9.M Tue Sep 07 13:39:15 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041930.D Vial: 7
Acq On : 7 Sep 2010 9:36 am Operator: fayzai
Sample : t59309-4CF Inst : GCMS_Y
Misc : ms8367,vy2602,5.90,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:01 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001683.D
Acq On : 7 Sep 2010 1:30 pm
Operator : jennl
Sample : t59309-5
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 14:22:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	197044	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	147601	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	76918	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	76918	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	52793	48.98	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 97.96%			
46) 1,2-Dichloroethane-d4	5.144	65	73022	48.15	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 96.30%			
64) Toluene-d8	6.900	98	199610	50.82	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 101.64%			
85) 4-Bromofluorobenzene	9.454	95	71258	51.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 102.18%			

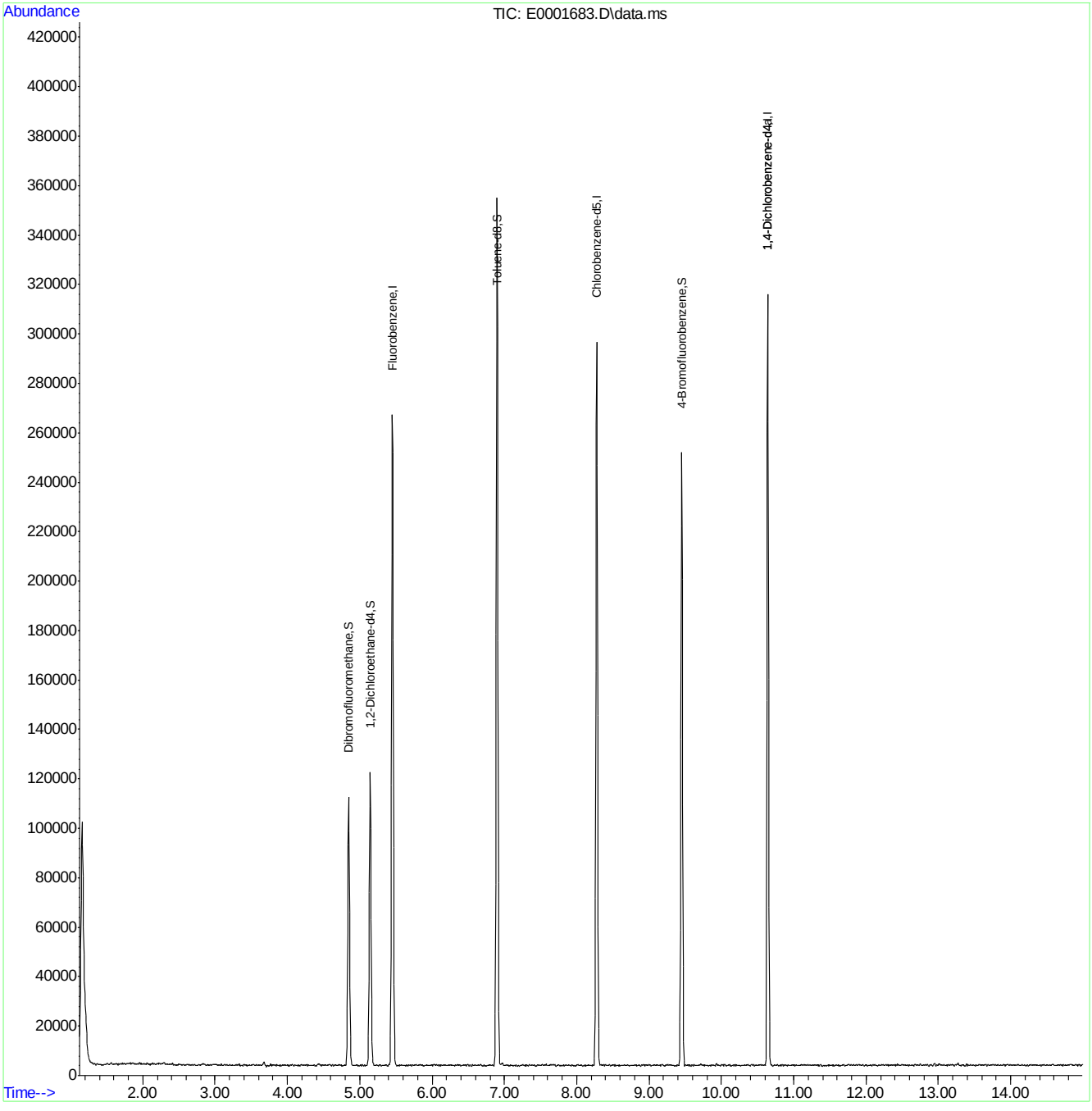
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001683.D
Acq On : 7 Sep 2010 1:30 pm
Operator : jennl
Sample : t59309-5
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 14:22:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001684.D
Acq On : 7 Sep 2010 1:54 pm
Operator : jennl
Sample : t59309-6
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 07 14:22:43 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	193345	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	144055	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	74795	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	74795	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	50348	47.60	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 95.20%			
46) 1,2-Dichloroethane-d4	5.144	65	70470	47.35	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 94.70%			
64) Toluene-d8	6.899	98	192048	50.10	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 100.20%			
85) 4-Bromofluorobenzene	9.454	95	69045	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 101.82%			

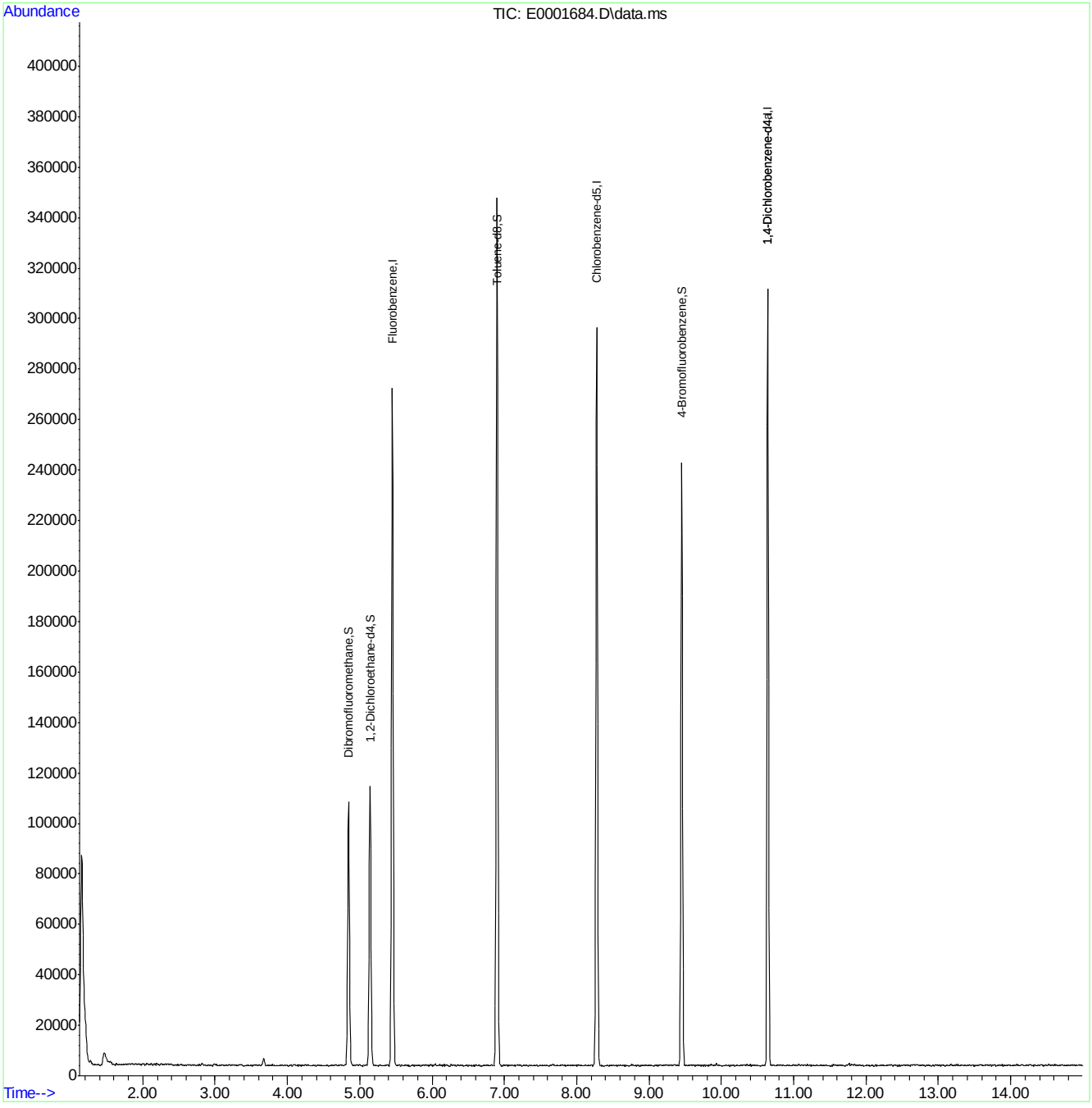
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001684.D
Acq On : 7 Sep 2010 1:54 pm
Operator : jennl
Sample : t59309-6
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 07 14:22:43 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041928.D Vial: 5
Acq On : 7 Sep 2010 8:37 am Operator: fayzai
Sample : mb Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 09:03:04 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	733837	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	649810	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	302430	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	302430	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	139436	48.15	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 96.30%			
47) 1,2-Dichloroethane-d4	9.65	65	129327	40.81	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 81.62%			
64) Toluene-d8	11.54	98	697783	50.26	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 100.52%			
85) 4-Bromofluorobenzene	14.28	95	244726	43.26	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 86.52%			

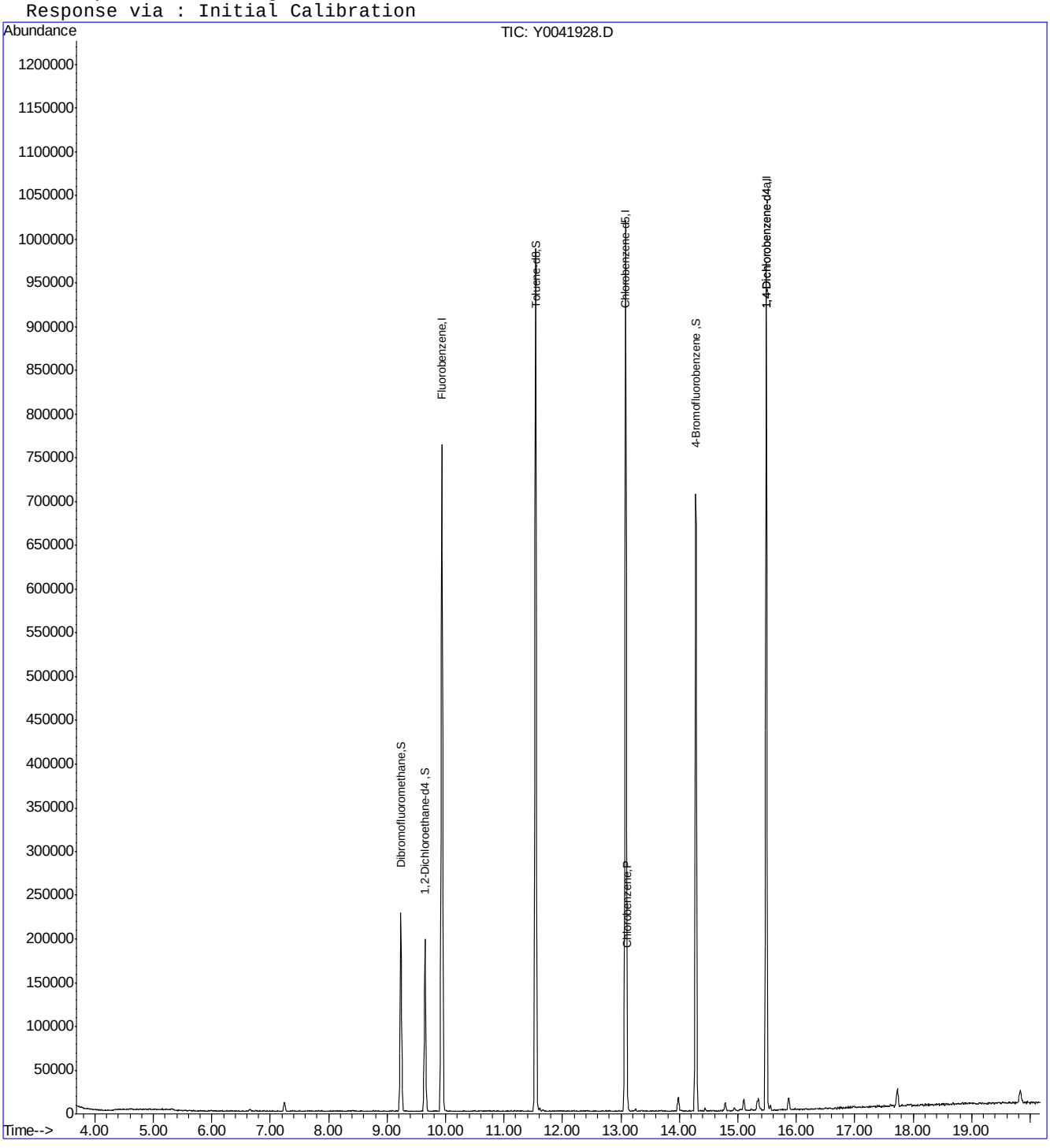
Target Compounds						Qvalue
75) Chlorobenzene	13.11	112	5337	0.46	ug/kg	91

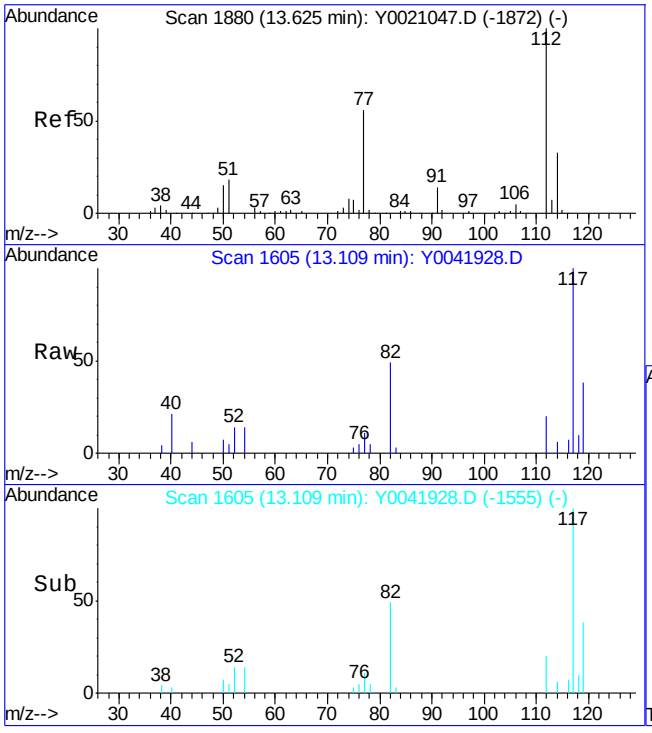
(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041928.D VY2583AP9.M Tue Sep 07 13:39:12 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041928.D Vial: 5
Acq On : 7 Sep 2010 8:37 am Operator: fayzai
Sample : mb Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 9:03 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

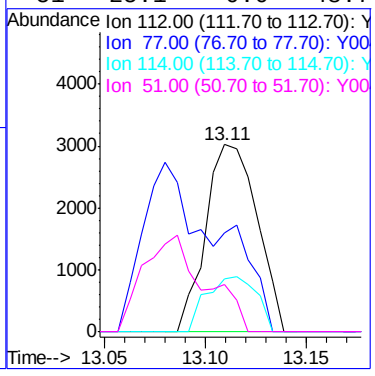




#75
Chlorobenzene
Concen: 0.46 ug/kg
RT: 13.11 min Scan# 1605
Delta R.T. -0.01 min
Lab File: Y0041928.D
Acq: 7 Sep 2010 8:37 am

Tgt Ion:112 Resp: 5337

Ion	Ratio	Lower	Upper
112	100		
77	53.0	28.9	88.9
114	27.9	3.3	63.3
51	25.1	0.0	48.7



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001676.D
Acq On : 7 Sep 2010 10:36 am
Operator : jennl
Sample : mb
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 14:20:07 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	197152	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	145553	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	75490	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	75490	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.851	113	52137	48.34	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 96.68%			
46) 1,2-Dichloroethane-d4	5.144	65	72777	47.96	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 95.92%			
64) Toluene-d8	6.900	98	198610	51.28	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 102.56%			
85) 4-Bromofluorobenzene	9.454	95	71240	52.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 104.08%			

Target Compounds Qvalue

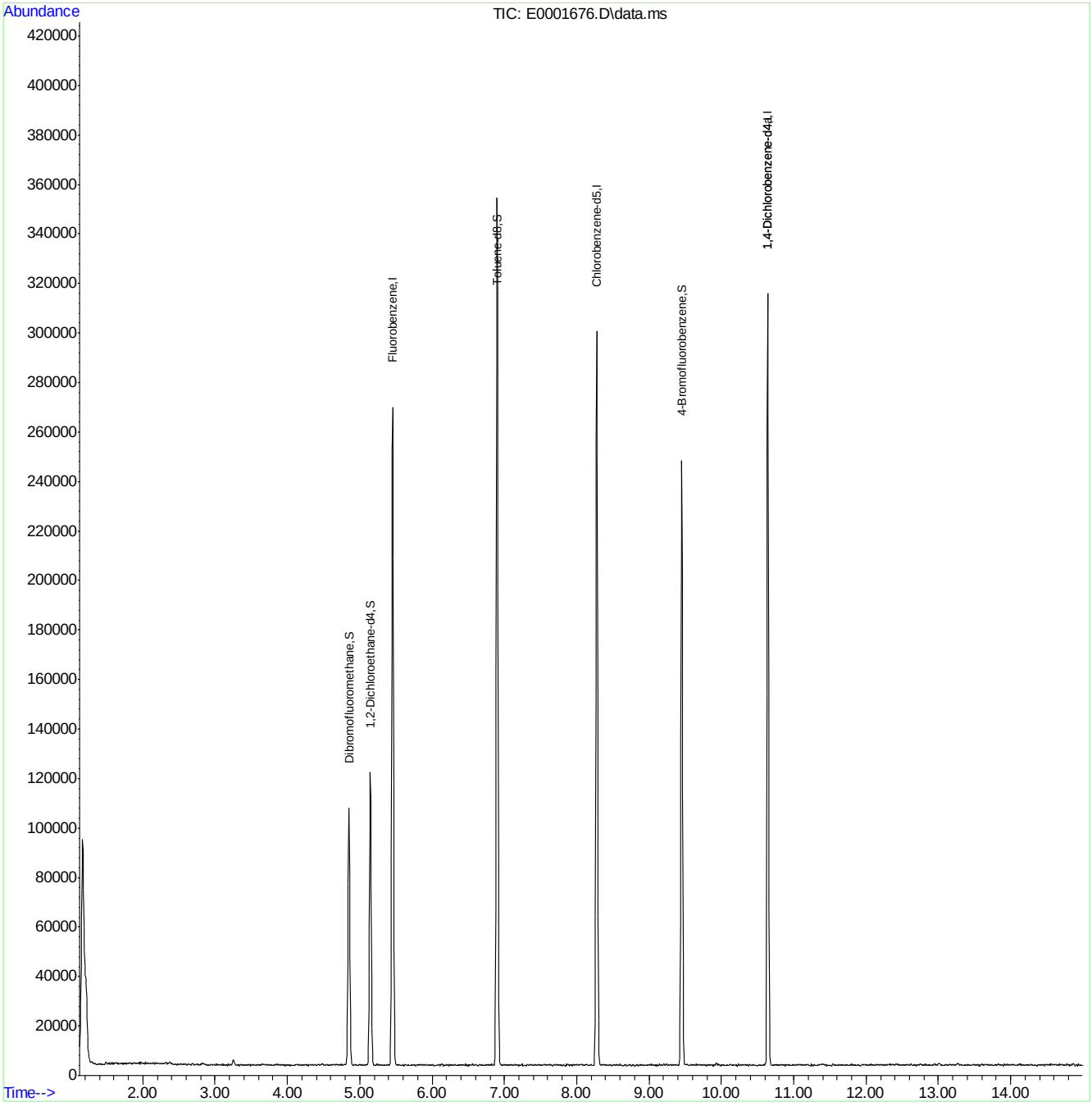
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST LABORATORIES T59309

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001676.D
Acq On : 7 Sep 2010 10:36 am
Operator : jennl
Sample : mb
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 14:20:07 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/07/10 14:53

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 07:58:03 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	691666	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	620338	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	289058	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	289058	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	130086	47.66	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 95.32%			
47) 1,2-Dichloroethane-d4	9.64	65	123148	41.23	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 82.46%			
64) Toluene-d8	11.54	98	642981	48.51	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 97.02%			
85) 4-Bromofluorobenzene	14.28	95	237832	43.99	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 87.98%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	73698	49.76	ug/kg	90
3) Chloromethane	4.34	50	88406	48.78	ug/kg	98
4) Vinyl Chloride	4.56	62	78990	42.59	ug/kg	99
5) Bromomethane	5.21	94	68236	46.28	ug/kg	99
6) Chloroethane	5.37	64	53680	43.84	ug/kg	98
7) Trichlorofluoromethane	5.75	101	114286	52.19	ug/kg	98
8) Ethyl Alcohol	6.15	45	74864	497.22	ug/kg	95
9) Ethyl ether	6.15	59	102110	50.19	ug/kg	93
10) Acrolein	6.46	56	11169	118.70	ug/kg	97
11) 1,1-Dichloroethene	6.55	96	72301	47.32	ug/kg	90
12) Freon 113	6.46	101	74792	49.24	ug/kg	93
13) Acetone	6.65	43	109562	215.22	ug/kg	96
14) Isopropyl Alcohol	6.73	45	104518	855.87	ug/kg	100
15) Iodomethane	6.83	142	155202	47.95	ug/kg	96
16) Methyl acetate	7.02	43	409861	213.69	ug/kg	95
17) Carbon Disulfide	6.92	76	242346	45.82	ug/kg	99
18) Allyl Chloride	7.05	41	148698	49.01	ug/kg	95
19) Acetonitrile	7.12	41	75881	427.42	ug/kg	89
20) Methylene Chloride	7.24	84	101283	42.30	ug/kg	97
21) Tert Butyl Alcohol	7.24	59	96704	452.44	ug/kg	99
22) trans-1,2-Dichloroethene	7.52	96	109846	48.51	ug/kg	93
23) Acrylonitrile	7.60	53	141479	231.42	ug/kg	99
24) Hexane	7.72	57	170788	50.56	ug/kg	96
25) Methyl Tert Butyl Ether	7.45	73	279245	45.36	ug/kg	97
26) 1,1-Dichloroethane	8.07	63	197895	45.01	ug/kg	99
27) Vinyl acetate	8.03	43	704444	229.18	ug/kg	98
28) Di-isopropyl ether	7.96	45	385956	44.34	ug/kg	98
29) Chloroprene	8.14	53	171721	51.60	ug/kg	94
30) Ethyl tert-butyl ether	8.38	59	323105	43.43	ug/kg	97
31) Ethyl Acetate	8.67	43	592635m	217.60	ug/kg	
32) 2,2-Dichloropropane	8.71	77	107920	47.97	ug/kg	99
33) cis-1,2-Dichloroethene	8.74	96	136083	51.05	ug/kg	93
34) 2-Butanone	8.71	72	71045	243.69	ug/kg#	76
35) Propionitrile	8.87	54	133469	479.02	ug/kg	94

(#) = qualifier out of range (m) = manual integration
Y0041926.D VY2583AP9.M Tue Sep 07 12:32:38 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 07:58:03 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Bromochloromethane	9.02	128	71020	49.44	ug/kg#	87
37)	Methacrylonitrile	9.01	41	643542	450.50	ug/kg	93
38)	Chloroform	9.05	83	212442	45.84	ug/kg	95
39)	Tetrahydrofuran	9.27	42	33857	48.47	ug/kg	97
40)	1,1,1-Trichloroethane	9.26	97	145103	47.66	ug/kg	97
42)	Cyclohexane	9.27	56	152975	48.29	ug/kg	97
43)	Isobutyl Alcohol	9.40	43	99755	1005.39	ug/kg	97
44)	1,1-Dichloropropene	9.42	75	175278	50.43	ug/kg	98
45)	n-Butyl Alcohol	10.09	56	66340	943.89	ug/kg	93
46)	Carbon Tetrachloride	9.41	117	142316	49.68	ug/kg	99
48)	Benzene	9.65	78	562864	47.52	ug/kg	100
49)	1,2-Dichloroethane	9.73	62	152538	44.05	ug/kg	98
50)	tert-amyl methyl ether	9.64	73	325935	45.09	ug/kg	97
51)	Trichloroethene	10.30	95	147419	50.41	ug/kg	89
52)	1-Bromo-2-Chloroethane	11.08	63	437750	50.29	ug/kg	98
53)	Methylcyclohexane	10.46	83	194547	53.47	ug/kg	95
54)	Methyl Methacrylate	10.55	41	120651	47.98	ug/kg	89
55)	1,2-Dichloropropane	10.59	63	156510	46.66	ug/kg	98
56)	Dibromomethane	10.74	93	86451	47.85	ug/kg	91
57)	1,4-Dioxane	10.66	88	24381	878.49	ug/kg	99
58)	Bromodichloromethane	10.84	83	195646	46.80	ug/kg	97
59)	2-Nitropropane	11.12	41	131554	209.31	ug/kg	93
60)	2-Chloroethyl vinyl ether	11.08	63	437750	251.45	ug/kg	96
61)	4-Methyl-2-pentanone	11.38	100	101347	255.59	ug/kg#	88
62)	cis-1,3-Dichloropropene	11.29	75	270424	48.63	ug/kg	94
65)	Toluene	11.61	92	430105	45.81	ug/kg	100
66)	Ethyl Methacrylate	11.79	69	218378	48.50	ug/kg	98
67)	trans-1,3-Dichloropropene	11.86	75	244429	47.50	ug/kg	97
68)	1,1,2-Trichloroethane	12.07	83	124317	43.78	ug/kg	98
69)	Tetrachloroethene	12.16	164	164088	51.30	ug/kg	94
70)	2-hexanone	12.22	43	412755	214.35	ug/kg	98
71)	1,3-Dichloropropane	12.26	76	242666	43.14	ug/kg	97
72)	Dibromochloromethane	12.49	129	182789	46.95	ug/kg	100
73)	1,2-Dibromoethane	12.66	107	153479	45.82	ug/kg	95
74)	1-Chlorohexane	12.96	91	250007	51.35	ug/kg	93
75)	Chlorobenzene	13.11	112	512139	46.27	ug/kg	94
76)	1,1,1,2-Tetrachloroethane	13.17	131	162767	46.18	ug/kg	99
77)	Ethylbenzene	13.14	91	837938	47.68	ug/kg	98
78)	m,p-Xylene	13.25	106	672895	98.23	ug/kg	99
79)	o-Xylene	13.69	106	314200	49.51	ug/kg	99
80)	Styrene	13.70	104	562603	48.49	ug/kg	98
81)	Bromoform	14.00	173	130140	49.83	ug/kg	98
83)	Isopropylbenzene	14.03	105	748599	53.43	ug/kg	98
84)	Cyclohexanone	14.27	55	63404	769.76	ug/kg#	63
86)	Bromobenzene	14.48	156	236310	46.89	ug/kg	92
87)	1,1,2,2-Tetrachloroethane	14.40	83	175494	43.53	ug/kg	97
88)	Trans-1,4-Dichloro-2-Buten	14.45	53	46338	40.44	ug/kg#	93
89)	1,2,3-Trichloropropane	14.49	75	123007	38.08	ug/kg	99
90)	n-Propylbenzene	14.45	91	906010	46.85	ug/kg	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 07:58:03 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

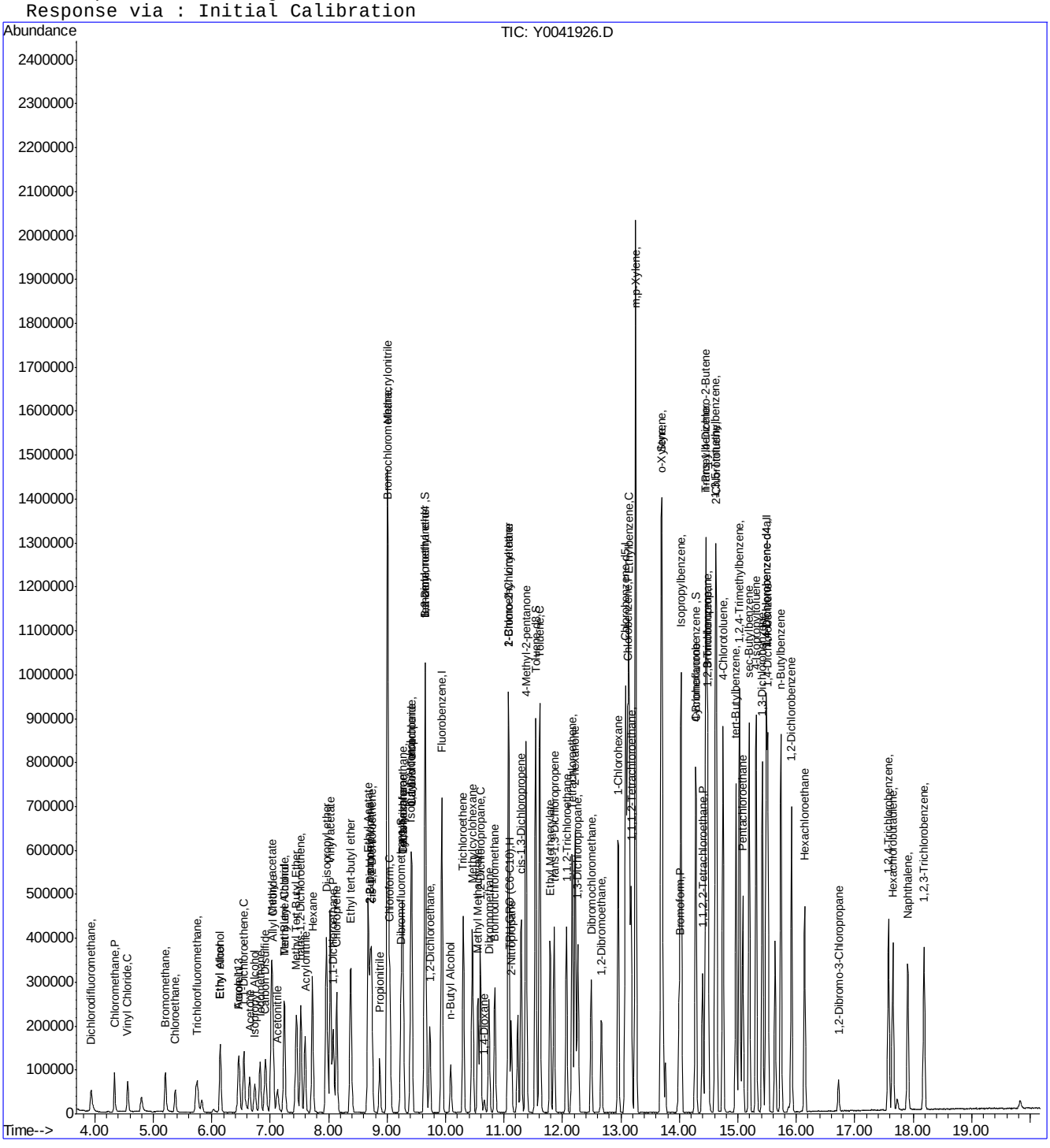
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	588522	45.03	ug/kg	97
92)	4-Chlorotoluene	14.74	91	547902	46.44	ug/kg	97
93)	1,3,5-Trimethylbenzene	14.61	105	590880	47.59	ug/kg	99
94)	Pentachloroethane	15.08	167	120804	48.14	ug/kg	97
95)	sec-Butylbenzene	15.20	105	706976	47.27	ug/kg	99
96)	1,3-Dichlorobenzene	15.42	146	387755	48.74	ug/kg	97
97)	4-Isopropyltoluene	15.31	119	588688	49.32	ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	390842	47.95	ug/kg	98
99)	tert-Butylbenzene	14.97	91	267022	45.57	ug/kg	97
100)	n-Butylbenzene	15.74	91	512265	46.69	ug/kg	98
101)	1,2-Dichlorobenzene	15.92	146	335412	47.74	ug/kg	99
102)	1,2,4-Trimethylbenzene	15.02	105	600592	47.61	ug/kg	100
103)	Hexachloroethane	16.14	119	101499	49.24	ug/kg	93
104)	1,2-Dibromo-3-Chloropropan	16.72	75	19272	41.99	ug/kg	94
105)	1,2,4-Trichlorobenzene	17.57	180	177569	42.67	ug/kg	98
106)	Hexachlorobutadiene	17.65	225	100576	46.39	ug/kg	98
107)	Naphthalene	17.90	128	329460	38.71	ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	158086	39.96	ug/kg	100
110)	TPH-GRO (C6-C10)	11.10	TIC	58322720m	2877.77	mg/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 7:58 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

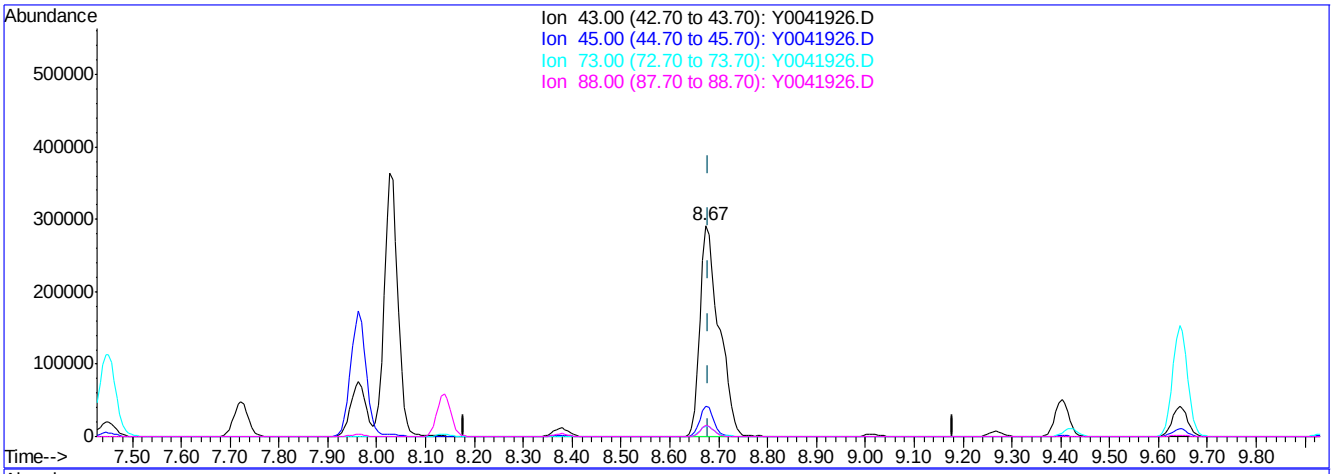


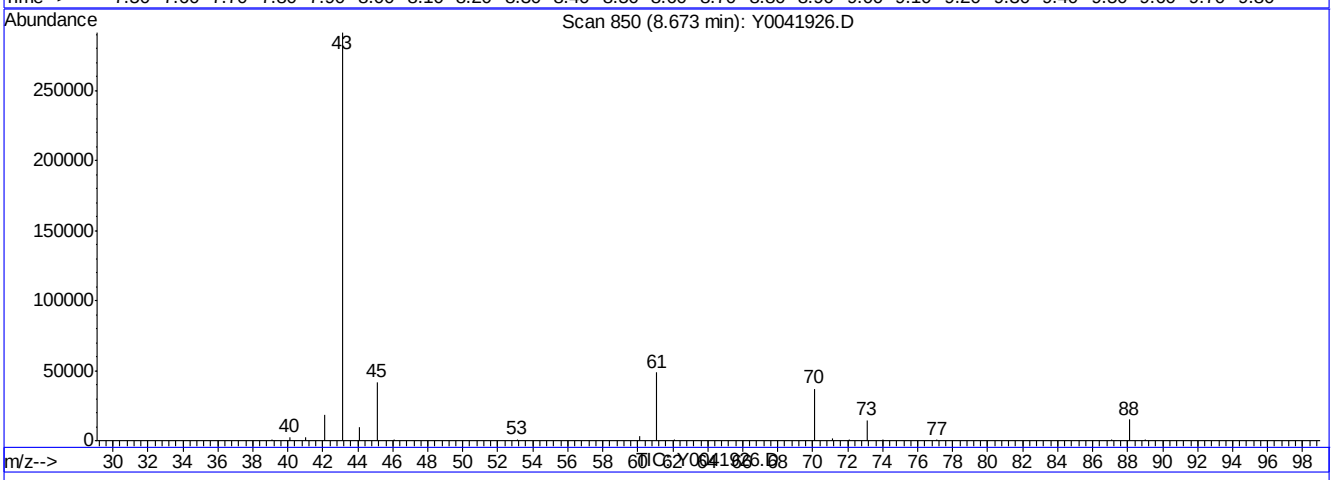
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 7:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 289.11ug/kg

response 787372

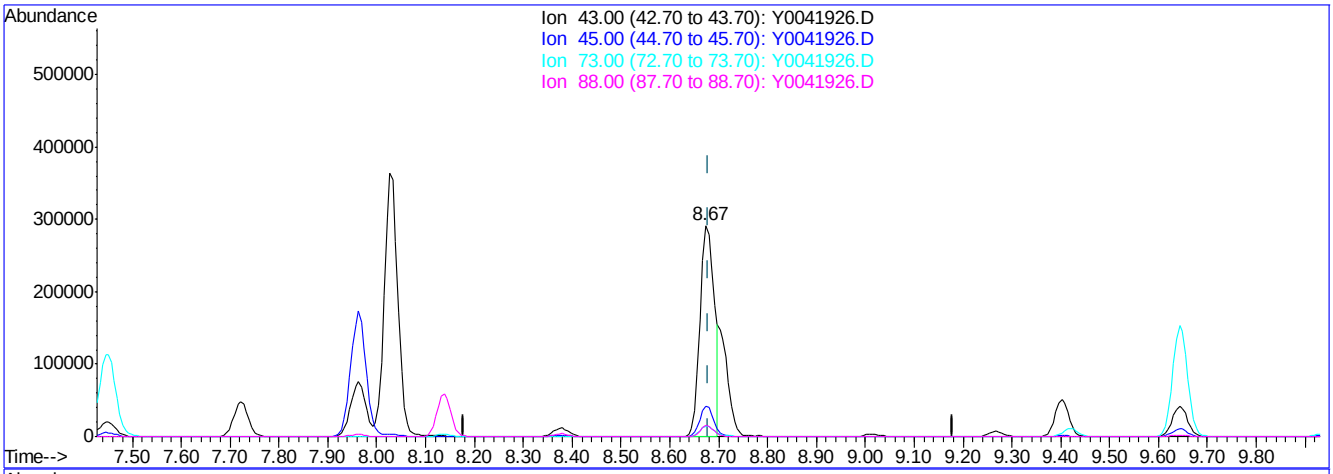
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.35
73.00	4.50	4.98
88.00	4.50	5.10

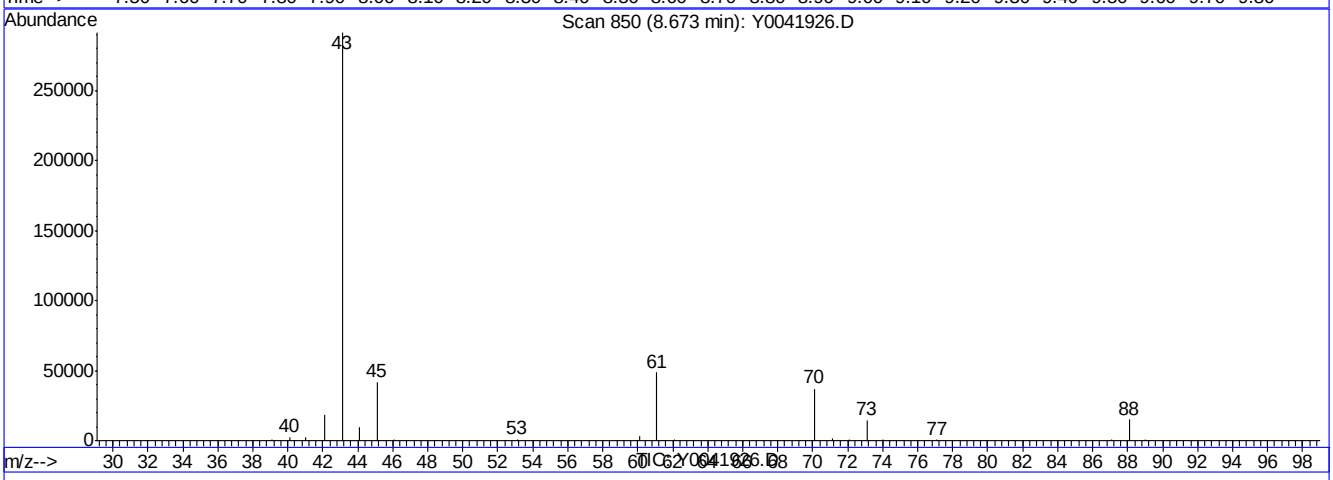
Y0041926.D VY2583AP9.M Tue Sep 07 07:58:10 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041926.D Vial: 3
Acq On : 7 Sep 2010 7:35 am Operator: fayzai
Sample : bs Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 7:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 217.60ug/kg m

response 592635

Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.35
73.00	4.50	4.98
88.00	4.50	5.10

Y0041926.D VY2583AP9.M Tue Sep 07 07:58:20 2010

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/08/10 11:31

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001675.D
Acq On : 7 Sep 2010 10:12 am
Operator : jennl
Sample : bs
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 10:54:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	204451	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	152440	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	84757	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	84757	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	55238	49.39	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 98.78%			
46) 1,2-Dichloroethane-d4	5.138	65	75243	47.81	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 95.62%			
64) Toluene-d8	6.900	98	209134	51.56	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 103.12%			
85) 4-Bromofluorobenzene	9.454	95	78611	51.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 102.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.346	85	31338m	27.27	ug/L	
3) Chloromethane	1.480	50	35707	29.67	ug/L	99
4) Vinyl Chloride	1.602	62	32356	27.77	ug/L	94
5) Bromomethane	1.901	94	22374	26.05	ug/L	95
6) Chloroethane	1.998	64	20284	25.07	ug/L	95
7) Trichlorofluoromethane	2.303	101	45546	25.55	ug/L	99
8) Ethyl Alcohol	2.468	45	3626	592.62	ug/kg	90
9) Ethyl Ether	2.559	59	26396	26.43	ug/L	96
10) Acrolein	2.669	56	4698	69.96	ug/L	86
11) 1,1-Dichloroethene	2.785	61	43893	25.77	ug/L	99
12) Freon 113	2.809	101	29959	25.71	ug/L	94
13) Acetone	2.821	43	50026	127.24	ug/L	98
14) Iodomethane	2.913	142	44352	24.36	ug/L	97
15) Isopropyl Alcohol	2.980	45	32993	547.66	ug/kg	93
16) Methyl Acetate	3.144	43	166941	123.07	ug/L	100
17) Carbon Disulfide	2.986	76	79486	24.71	ug/L	93
18) Methylene Chloride	3.242	49	41231	23.51	ug/L	97
19) Tert Butyl Alcohol	3.364	59	22950	303.84	ug/L	97
20) Allyl Chloride	3.120	41	84650	32.94	ug/L	93
21) Acetonitrile	3.120	41	84650	164.18	ug/L	92
22) trans-1,2-Dichloroethene	3.492	61	41092	23.90	ug/L	97
23) Acrylonitrile	3.461	53	60985	131.57	ug/L	95
24) Methyl Tert Butyl Ether	3.510	73	77578	24.91	ug/L	97
25) Hexane	3.760	57	46054	27.42	ug/L	99
26) 1,1-Dichloroethane	3.882	63	51673	24.67	ug/L	100
27) Vinyl Acetate	3.943	43	266149	127.85	ug/L	100
28) Di-isopropyl ether	3.967	45	100901	24.43	ug/L	96
29) Chloroprene	3.967	53	53025	27.56	ug/L	98
30) Ethyl tert-butyl ether	4.303	59	78915	24.26	ug/L	100
31) 2,2-Dichloropropane	4.418	77	36652	25.67	ug/L	93
32) cis-1,2-Dichloroethene	4.412	96	29804	24.26	ug/L	87
33) Ethyl Acetate	4.492	43	175607	130.39	ug/L	99
34) 2-Butanone	4.425	43	75845	126.27	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001675.D
Acq On : 7 Sep 2010 10:12 am
Operator : jennl
Sample : bs
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 10:54:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
35)	Propionitrile	4.473	54	47776	271.20	ug/L		95
36)	Methacrylonitrile	4.613	41	242899	281.09	ug/L		96
37)	Bromochloromethane	4.620	128	15916	23.93	ug/L	#	58
38)	Chloroform	4.705	83	54911	24.09	ug/kg		99
39)	Tetrahydrofuran	4.668	42	9295	24.06	ug/L		87
40)	1,1,1-Trichloroethane	4.870	97	42678	23.59	ug/L		98
42)	Cyclohexane	4.924	56	52065	25.71	ug/L		98
43)	n-Butyl Alcohol	5.717	56	15626	663.15	ug/L		93
44)	1,1-Dichloropropene	5.016	75	42639	25.84	ug/L		99
45)	Carbon Tetrachloride	5.022	117	40518	23.80	ug/L		99
47)	Benzene	5.199	78	115396	24.12	ug/L		99
48)	Isobutyl Alcohol	5.132	43	27396	624.30	ug/L		98
49)	1,2-Dichloroethane	5.211	62	46269	23.46	ug/L		98
50)	tert-amyl methyl ether	5.315	73	70150	25.65	ug/L		98
51)	Trichloroethene	5.784	95	31167	25.29	ug/L		99
52)	Methylcyclohexane	5.967	83	52782	26.02	ug/L		98
53)	Methyl Methacrylate	6.089	41	31555	27.98	ug/L		98
54)	1,2-Dichloropropane	5.979	63	30302	24.47	ug/L		97
55)	Dibromomethane	6.083	93	19726	24.01	ug/kg		95
56)	1,4-Dioxane	6.101	88	5228	431.30	ug/L		89
57)	Bromodichloromethane	6.229	83	37560	23.35	ug/L		99
58)	2-Nitropropane	6.436	41	41712	128.30	ug/L		99
59)	2-Chloroethyl vinyl ether	6.509	63	154042	126.70	ug/L		99
60)	1-Bromo-2-Chloroethane	6.509	63	154042	25.34	ug/kg		99
61)	4-Methyl-2-pentanone	6.790	43	173584	136.01	ug/L		99
62)	cis-1,3-Dichloropropene	6.644	75	45766	25.09	ug/L		94
65)	Toluene	6.961	91	124748	24.39	ug/L		97
66)	Ethyl Methacrylate	7.259	69	39703	25.97	ug/L		97
67)	trans-1,3-Dichloropropene	7.162	75	41070	24.65	ug/L		97
68)	1,1,2-Trichloroethane	7.332	83	23786	24.88	ug/L		97
69)	Tetrachloroethene	7.479	166	34939	24.54	ug/L		97
70)	2-hexanone	7.576	43	119114	135.24	ug/L		99
71)	1,3-Dichloropropane	7.491	76	48013	23.77	ug/L		99
72)	Dibromochloromethane	7.710	129	28288	23.74	ug/L		99
73)	1,2-Dibromoethane	7.820	107	28559	24.44	ug/L		100
74)	1-Chlorohexane	8.290	91	42655	26.83	ug/L		98
75)	Chlorobenzene	8.302	112	82757	24.13	ug/L		99
76)	1,1,1,2-Tetrachloroethane	8.387	131	28366	24.35	ug/L		98
77)	Ethylbenzene	8.418	91	141488	24.94	ug/L		97
78)	m,p-Xylene	8.533	91	217653	50.02	ug/L		97
79)	o-Xylene	8.930	91	109112	24.65	ug/L		98
80)	Styrene	8.942	104	86619	24.12	ug/L		99
81)	Bromoform	9.119	173	18745	22.17	ug/L		97
83)	Isopropylbenzene	9.308	105	136072	29.64	ug/L		98
84)	Cyclohexanone	9.381	55	18520	504.86	ug/L		96
86)	Bromobenzene	9.606	156	35858	23.40	ug/L		98
87)	1,1,2,2-Tetrachloroethane	9.600	83	39499	26.36	ug/L		99
88)	Trans-1,4-Dichloro-2-b...	9.655	53	8849	22.62	ug/L	#	77
89)	1,2,3-Trichloropropane	9.643	110	10792	23.48	ug/L		93
90)	n-Propylbenzene	9.722	91	168106	26.21	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001675.D
Acq On : 7 Sep 2010 10:12 am
Operator : jennl
Sample : bs
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 10:54:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

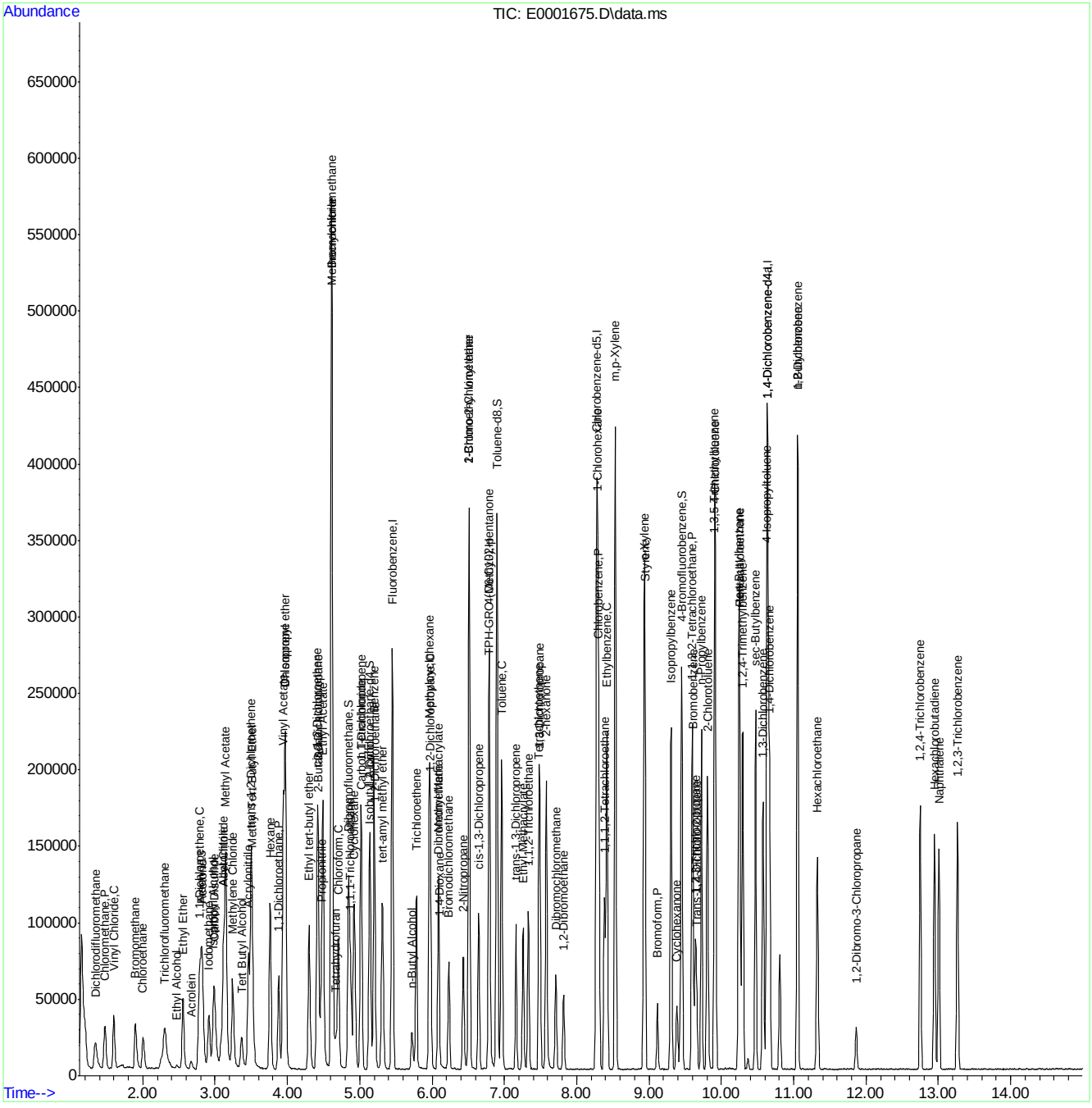
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	98578	25.41	ug/L	99
92)	4-Chlorotoluene	9.917	91	114140	25.34	ug/L	99
93)	1,3,5-Trimethylbenzene	9.905	105	113673	23.86	ug/L	99
94)	Pentachloroethane	10.253	167	20274	24.62	ug/L	91
95)	sec-Butylbenzene	10.472	105	155736	24.65	ug/L	99
96)	1,3-Dichlorobenzene	10.576	146	69232	23.58	ug/L	99
97)	4-Isopropyltoluene	10.624	119	126237	24.36	ug/L	98
98)	1,4-Dichlorobenzene	10.667	146	72258	23.31	ug/L	100
99)	tert-Butylbenzene	10.240	91	68472	26.43	ug/L	95
100)	n-Butylbenzene	11.051	91	127459	26.06	ug/L	98
101)	1,2-Dichlorobenzene	11.051	146	68697	24.22	ug/L	99
102)	1,2,4-Trimethylbenzene	10.295	105	116430	25.78	ug/L	99
103)	Hexachloroethane	11.326	119	23343	29.02	ug/L	93
104)	1,2-Dibromo-3-Chloropr...	11.868	75	6324	25.02	ug/L	97
105)	1,2,4-Trichlorobenzene	12.752	180	51053	23.72	ug/L	96
106)	Hexachlorobutadiene	12.947	225	27710	24.05	ug/L	97
107)	Naphthalene	13.008	128	113235	25.04	ug/L	98
108)	1,2,3-Trichlorobenzene	13.264	180	48389	23.44	ug/L	96
110)	TPH-GRO (C6-C10)	6.784	TIC	14313942m	1469.82	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001675.D
Acq On : 7 Sep 2010 10:12 am
Operator : jennl
Sample : bs
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 10:54:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/07/10 14:55

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:40 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	756066	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	645620	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	284045	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	284045	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	137975	46.24	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 92.48%			
47) 1,2-Dichloroethane-d4	9.65	65	125957	38.58	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 77.16%			
64) Toluene-d8	11.54	98	695065	50.39	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 100.78%			
85) 4-Bromofluorobenzene	14.28	95	240491	45.27	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 90.54%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	63994	39.91	ug/kg	92
3) Chloromethane	4.33	50	84570	42.69	ug/kg	100
4) Vinyl Chloride	4.56	62	72924	36.33	ug/kg	99
5) Bromomethane	5.21	94	60313	37.42	ug/kg	98
6) Chloroethane	5.38	64	48166	36.35	ug/kg	99
7) Trichlorofluoromethane	5.74	101	100150	41.84	ug/kg	94
8) Ethyl Alcohol	6.15	45	73652	447.50	ug/kg	98
9) Ethyl ether	6.15	59	102055	45.89	ug/kg	94
11) 1,1-Dichloroethene	6.55	96	66151	39.61	ug/kg	91
12) Freon 113	6.46	101	65692	39.56	ug/kg	96
13) Acetone	6.65	43	114394	205.57	ug/kg	92
14) Isopropyl Alcohol	6.73	45	112306	841.31	ug/kg	100
15) Iodomethane	6.83	142	117183	33.54	ug/kg	98
16) Methyl acetate	7.02	43	476820	227.42	ug/kg	95
17) Carbon Disulfide	6.92	76	138276	23.92	ug/kg	99
18) Allyl Chloride	7.05	41	132570	39.98	ug/kg	96
19) Acetonitrile	7.13	41	67840	349.87	ug/kg	94
20) Methylene Chloride	7.24	84	103906	39.47	ug/kg	98
21) Tert Butyl Alcohol	7.24	59	86263	369.21	ug/kg	97
22) trans-1,2-Dichloroethene	7.53	96	105009	42.42	ug/kg	91
23) Acrylonitrile	7.60	53	129436	193.69	ug/kg	99
24) Hexane	7.72	57	157965	42.78	ug/kg	94
25) Methyl Tert Butyl Ether	7.45	73	270132	40.14	ug/kg	96
26) 1,1-Dichloroethane	8.08	63	197148	41.02	ug/kg	100
27) Vinyl acetate	8.03	43	56331	16.77	ug/kg	96
28) Di-isopropyl ether	7.96	45	377927	39.72	ug/kg	97
29) Chloroprene	8.14	53	148340	40.77	ug/kg	95
30) Ethyl tert-butyl ether	8.38	59	317012	38.98	ug/kg	98
31) Ethyl Acetate	8.68	43	342632m	115.09	ug/kg	
32) 2,2-Dichloropropane	8.71	77	103898	42.25	ug/kg	97
33) cis-1,2-Dichloroethene	8.74	96	135396	46.46	ug/kg	93
34) 2-Butanone	8.71	72	64750	203.18	ug/kg#	75
35) Propionitrile	8.87	54	121655	399.43	ug/kg	96
36) Bromochloromethane	9.02	128	76165	48.51	ug/kg#	86

(#) = qualifier out of range (m) = manual integration
Y0041933.D VY2583AP9.M Tue Sep 07 12:32:40 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:40 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	Methacrylonitrile	9.01	41	605069	387.49	ug/kg	93
38)	Chloroform	9.05	83	219873	43.40	ug/kg	97
39)	Tetrahydrofuran	9.27	42	29844	39.09	ug/kg	94
40)	1,1,1-Trichloroethane	9.26	97	138108	41.50	ug/kg	97
42)	Cyclohexane	9.27	56	139917	40.41	ug/kg	97
43)	Isobutyl Alcohol	9.40	43	88495	815.93	ug/kg	99
44)	1,1-Dichloropropene	9.42	75	164084	43.19	ug/kg	97
45)	n-Butyl Alcohol	10.09	56	57482	756.41	ug/kg	93
46)	Carbon Tetrachloride	9.41	117	107539	34.34	ug/kg	97
48)	Benzene	9.65	78	559396	43.20	ug/kg	100
49)	1,2-Dichloroethane	9.73	62	151551	40.04	ug/kg	96
50)	tert-amyl methyl ether	9.64	73	317295	40.16	ug/kg	97
51)	Trichloroethene	10.30	95	155865	48.75	ug/kg	93
52)	1-Bromo-2-Chloroethane	11.08	63	436546	45.88	ug/kg	97
53)	Methylcyclohexane	10.46	83	173583	43.65	ug/kg	94
54)	Methyl Methacrylate	10.55	41	155547	56.59	ug/kg	97
55)	1,2-Dichloropropane	10.59	63	155925	42.53	ug/kg	98
56)	Dibromomethane	10.74	93	94567	47.88	ug/kg	88
57)	1,4-Dioxane	10.67	88	26066	859.64	ug/kg	96
58)	Bromodichloromethane	10.85	83	160972	35.22	ug/kg	97
59)	2-Nitropropane	11.12	41	115011	167.40	ug/kg	93
60)	2-Chloroethyl vinyl ether	11.08	63	436546	229.39	ug/kg	97
61)	4-Methyl-2-pentanone	11.38	100	94681	218.44	ug/kg#	86
62)	cis-1,3-Dichloropropene	11.29	75	230833	37.97	ug/kg	95
65)	Toluene	11.61	92	431625	44.17	ug/kg	98
66)	Ethyl Methacrylate	11.79	69	115502	24.65	ug/kg	96
67)	trans-1,3-Dichloropropene	11.86	75	212699	39.72	ug/kg	97
68)	1,1,2-Trichloroethane	12.07	83	122391	41.41	ug/kg	99
69)	Tetrachloroethene	12.17	164	248994	74.80	ug/kg	96
70)	2-hexanone	12.22	43	387305	193.25	ug/kg	98
71)	1,3-Dichloropropane	12.26	76	236948	40.48	ug/kg	94
72)	Dibromochloromethane	12.49	129	135762	33.50	ug/kg	99
73)	1,2-Dibromoethane	12.67	107	146045	41.90	ug/kg	100
74)	1-Chlorohexane	12.96	91	227977	44.99	ug/kg	91
75)	Chlorobenzene	13.12	112	493641	42.85	ug/kg	97
76)	1,1,1,2-Tetrachloroethane	13.17	131	156167	42.58	ug/kg	98
77)	Ethylbenzene	13.14	91	808237	44.19	ug/kg	99
78)	m,p-Xylene	13.25	106	655422	91.94	ug/kg	99
79)	o-Xylene	13.69	106	303384	45.93	ug/kg	99
80)	Styrene	13.70	104	513916	42.56	ug/kg	98
81)	Bromoform	14.00	173	87058	32.03	ug/kg	98
83)	Isopropylbenzene	14.03	105	715217	51.95	ug/kg	100
84)	Cyclohexanone	14.27	55	59760	738.32	ug/kg#	66
86)	Bromobenzene	14.48	156	219199	44.26	ug/kg	93
87)	1,1,2,2-Tetrachloroethane	14.40	83	159712	40.31	ug/kg	96
88)	Trans-1,4-Dichloro-2-Buten	14.45	53	33514	29.77	ug/kg#	89
89)	1,2,3-Trichloropropane	14.49	75	111603m	35.16	ug/kg	
90)	n-Propylbenzene	14.45	91	844673	44.45	ug/kg	99
91)	2-Chlorotoluene	14.63	91	552975	43.06	ug/kg	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:40 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

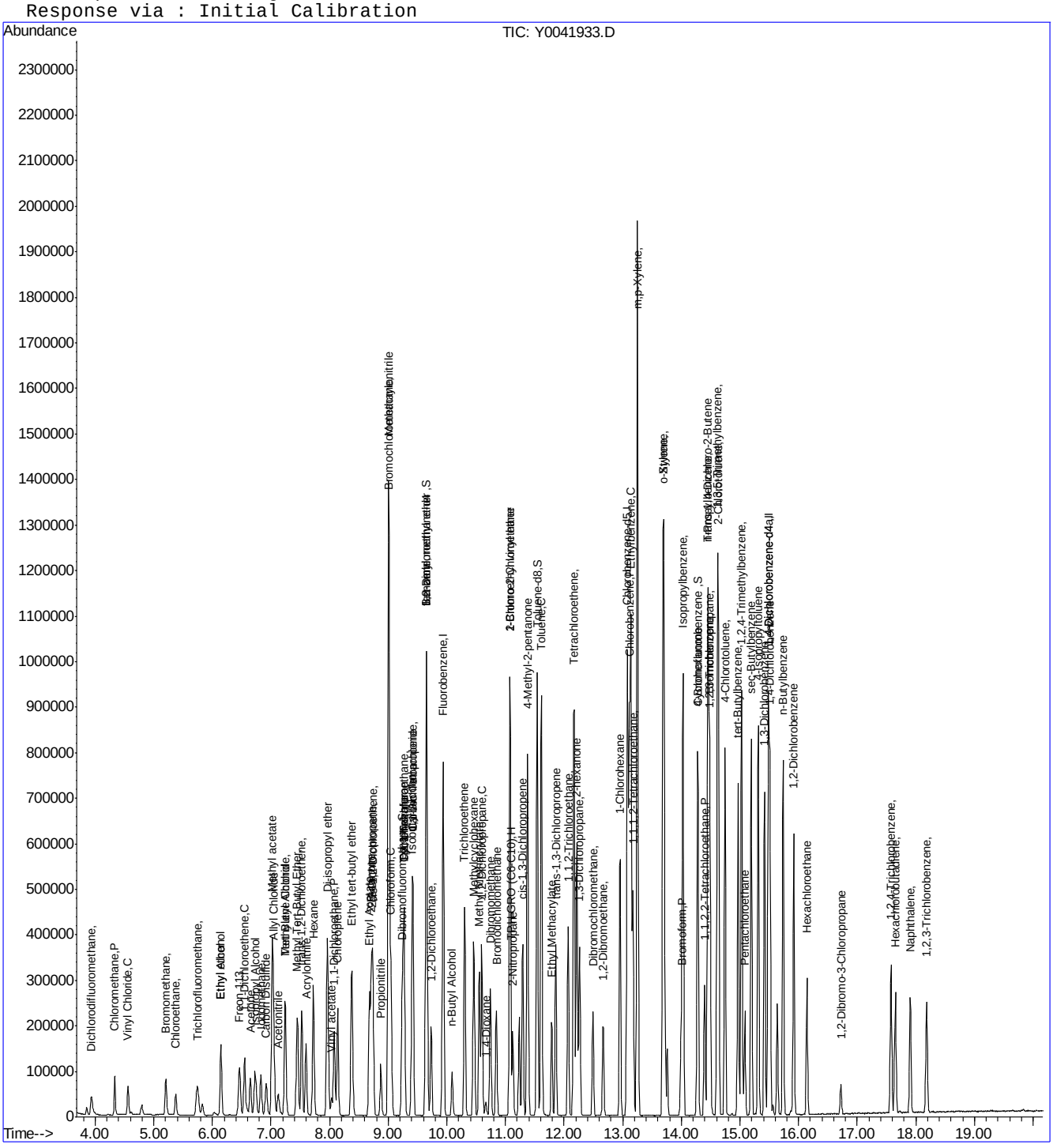
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
92)	4-Chlorotoluene	14.74	91	505822	43.63	ug/kg	98
93)	1,3,5-Trimethylbenzene	14.61	105	559858	45.89	ug/kg	96
94)	Pentachloroethane	15.08	167	53352	21.64	ug/kg	94
95)	sec-Butylbenzene	15.19	105	656935	44.70	ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	344734	44.09	ug/kg	98
97)	4-Isopropyltoluene	15.31	119	548683	46.78	ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	349249	43.61	ug/kg	99
99)	tert-Butylbenzene	14.97	91	257824	44.78	ug/kg	97
100)	n-Butylbenzene	15.74	91	458752	42.55	ug/kg	98
101)	1,2-Dichlorobenzene	15.92	146	300944	43.59	ug/kg	98
102)	1,2,4-Trimethylbenzene	15.02	105	570310	46.01	ug/kg	98
103)	Hexachloroethane	16.14	119	64158	31.67	ug/kg	88
104)	1,2-Dibromo-3-Chloropropan	16.72	75	17603	39.03	ug/kg	95
105)	1,2,4-Trichlorobenzene	17.57	180	132208	34.00	ug/kg	99
106)	Hexachlorobutadiene	17.65	225	70746	33.21	ug/kg	98
107)	Naphthalene	17.90	128	247249	31.32	ug/kg	100
108)	1,2,3-Trichlorobenzene	18.18	180	108265	29.96	ug/kg	99
110)	TPH-GRO (C6-C10)	11.10	TIC	53690896m	2683.37	mg/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: VY2583AP9.RES

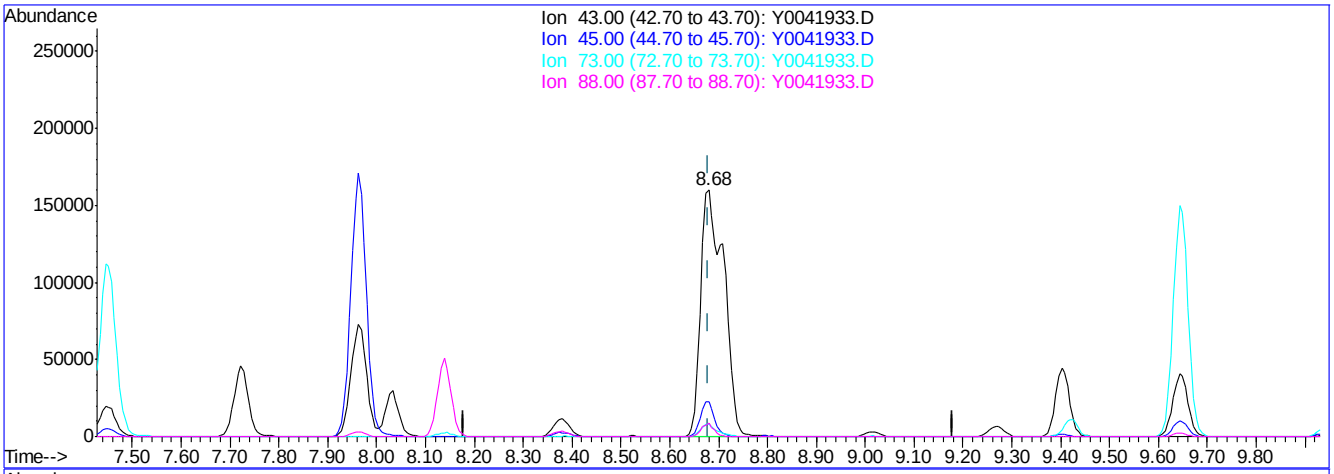
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

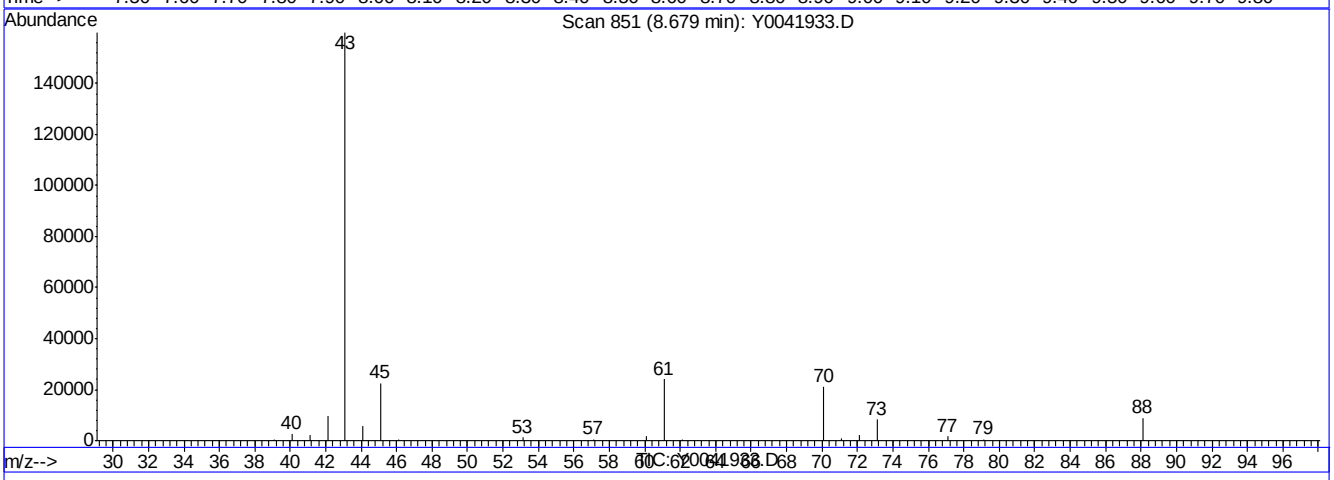


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 176.36ug/kg

response 525036

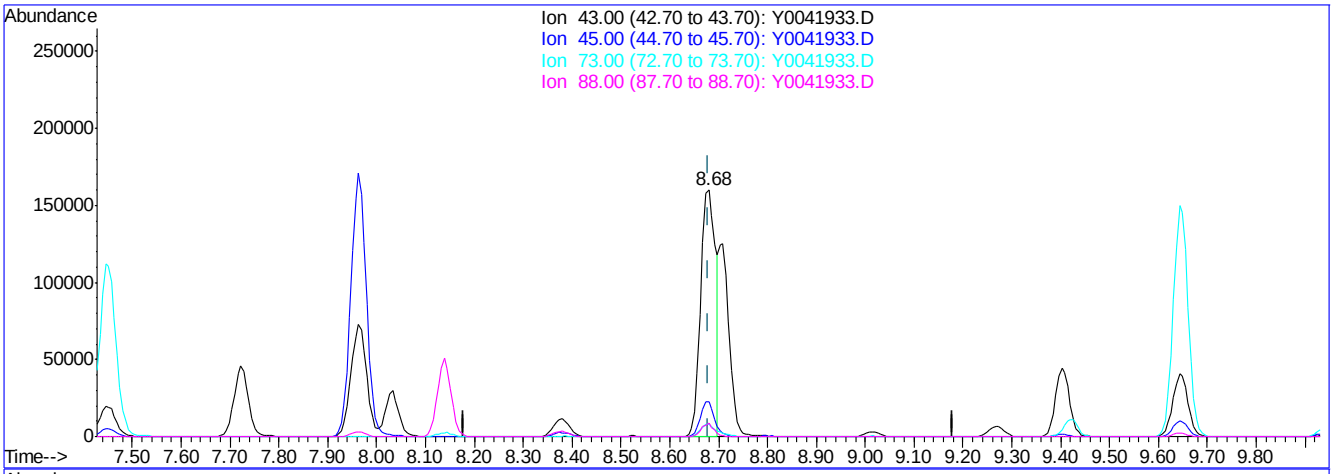
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.08
73.00	4.50	5.20
88.00	4.50	5.54

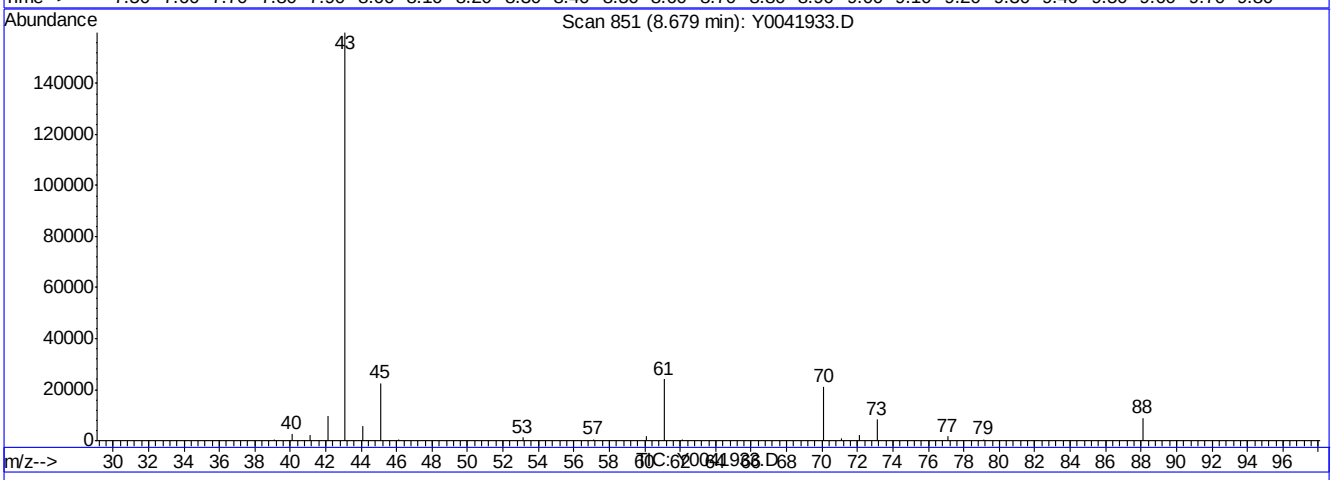
Y0041933.D VY2583AP9.M Tue Sep 07 12:05:19 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 115.09ug/kg m

response 342632

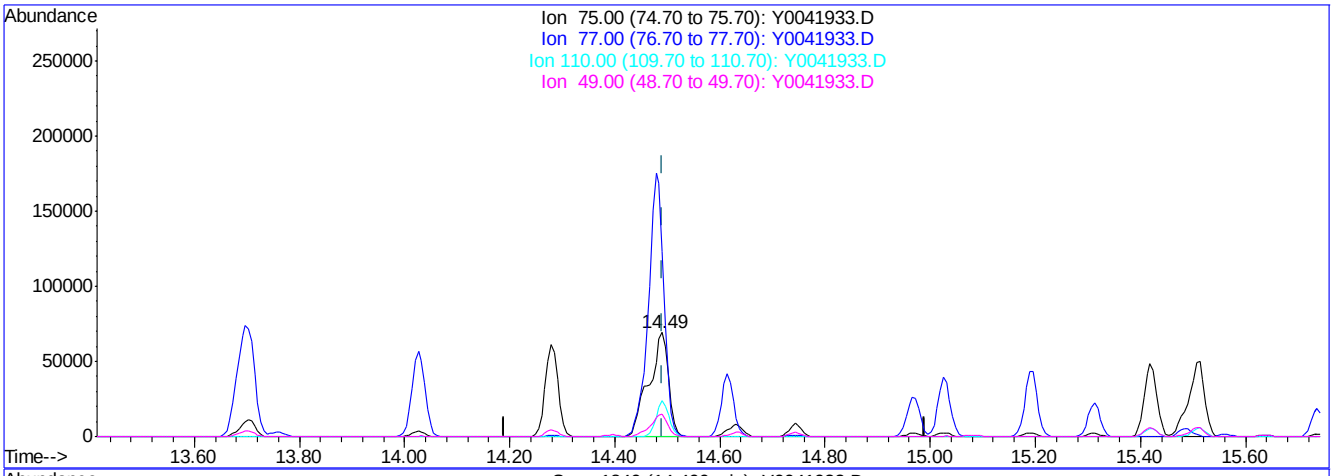
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.08
73.00	4.50	5.20
88.00	4.50	5.54

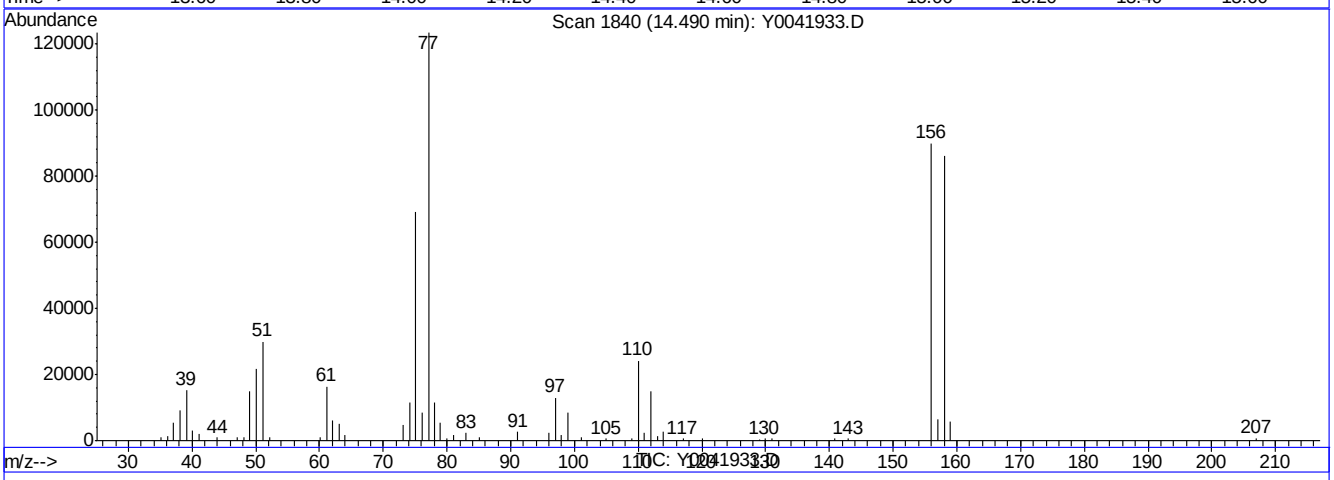
Y0041933.D VY2583AP9.M Tue Sep 07 12:05:26 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 56.40ug/kg

response 179033

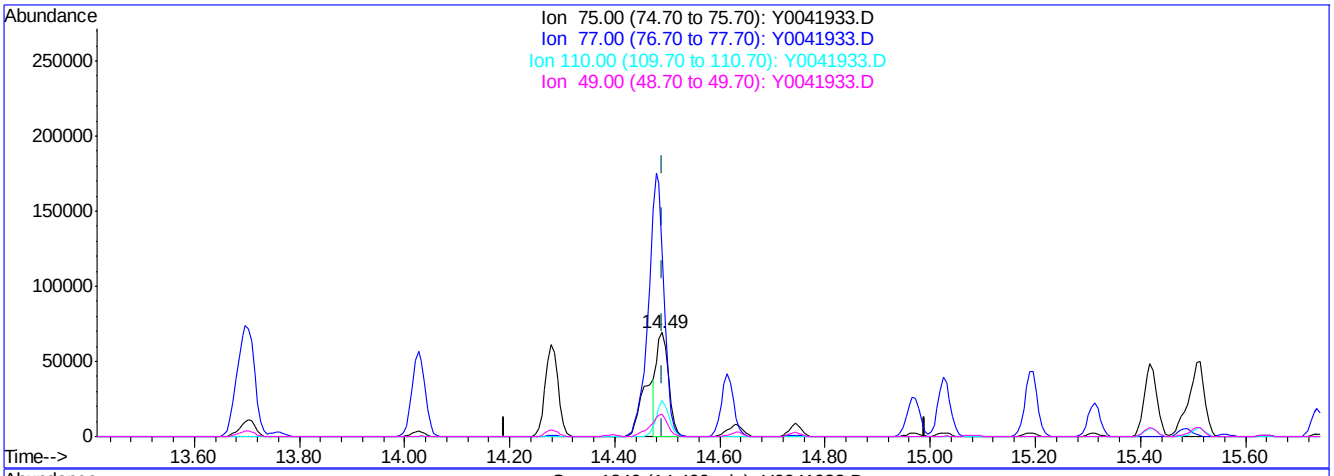
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	178.59
110.00	34.20	35.09
49.00	22.90	21.40

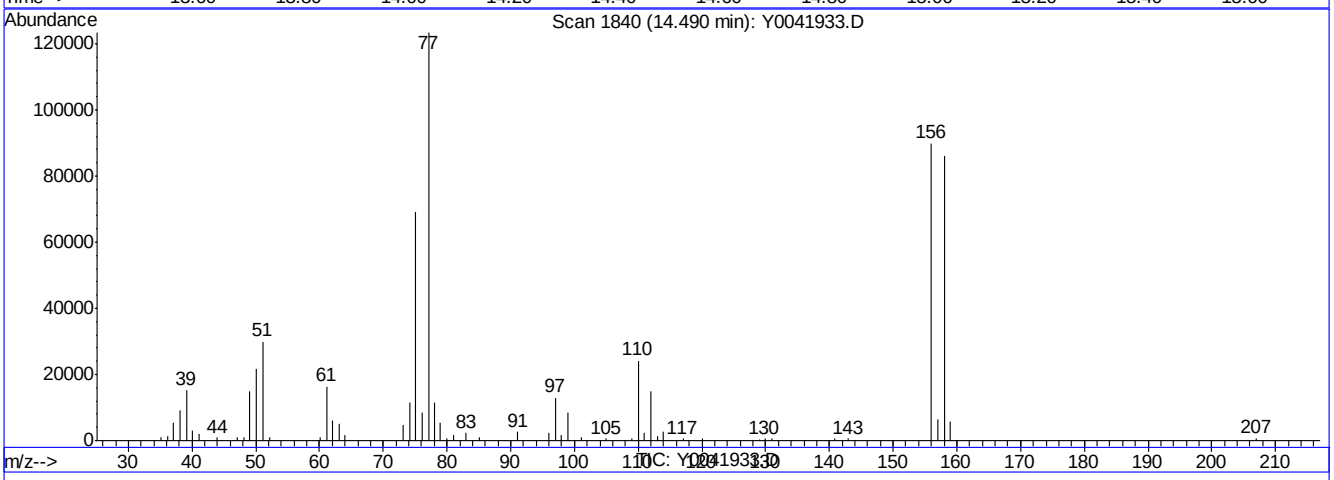
Y0041933.D VY2583AP9.M Tue Sep 07 12:05:33 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041933.D Vial: 10
Acq On : 7 Sep 2010 11:03 am Operator: fayzai
Sample : t59309-4ms Inst : GCMS_Y
Misc : ms8367,vy2602,5.61,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 35.16ug/kg m

response 111603

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	178.59
110.00	34.20	35.09
49.00	22.90	21.40

Y0041933.D VY2583AP9.M Tue Sep 07 12:05:39 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/07/10 14:55

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:41 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	767190	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	657234	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	303351	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	303351	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.23	113	142287	46.99	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 93.98%			
47) 1,2-Dichloroethane-d4	9.64	65	128066	38.65	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 77.30%			
64) Toluene-d8	11.54	98	697723	49.69	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 99.38%			
85) 4-Bromofluorobenzene	14.28	95	253053	44.60	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 89.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	59951	36.98	ug/kg	92
3) Chloromethane	4.33	50	80474	40.03	ug/kg	98
4) Vinyl Chloride	4.56	62	66891	33.07	ug/kg	98
5) Bromomethane	5.21	94	54965	33.61	ug/kg	97
6) Chloroethane	5.38	64	46422	34.63	ug/kg	99
7) Trichlorofluoromethane	5.74	101	92267	37.98	ug/kg	94
8) Ethyl Alcohol	6.15	45	74996	449.06	ug/kg	95
9) Ethyl ether	6.15	59	101188	44.84	ug/kg	95
11) 1,1-Dichloroethene	6.55	96	63716	37.59	ug/kg	94
12) Freon 113	6.46	101	61046	36.23	ug/kg	95
13) Acetone	6.65	43	118012	209.00	ug/kg	96
14) Isopropyl Alcohol	6.73	45	108114	798.16	ug/kg	100
15) Iodomethane	6.83	142	101049	28.70	ug/kg	97
16) Methyl acetate	7.02	43	484050	227.52	ug/kg	95
17) Carbon Disulfide	6.92	76	129071	22.00	ug/kg	98
18) Allyl Chloride	7.05	41	124199	36.91	ug/kg	97
19) Acetonitrile	7.12	41	67233	341.75	ug/kg	91
20) Methylene Chloride	7.25	84	104426	39.06	ug/kg	94
21) Tert Butyl Alcohol	7.24	59	88577	373.62	ug/kg	97
22) trans-1,2-Dichloroethene	7.52	96	100635	40.07	ug/kg	93
23) Acrylonitrile	7.60	53	133243	196.50	ug/kg	96
24) Hexane	7.72	57	152499	40.70	ug/kg	94
25) Methyl Tert Butyl Ether	7.45	73	272975	39.97	ug/kg	95
26) 1,1-Dichloroethane	8.08	63	194539	39.89	ug/kg	97
27) Vinyl acetate	8.03	43	34199	10.03	ug/kg	98
28) Di-isopropyl ether	7.96	45	374599	38.80	ug/kg	98
29) Chloroprene	8.14	53	139582	37.81	ug/kg	97
30) Ethyl tert-butyl ether	8.38	59	316252	38.32	ug/kg	97
31) Ethyl Acetate	8.68	43	328647m	108.79	ug/kg	
32) 2,2-Dichloropropane	8.72	77	97888	39.23	ug/kg	100
33) cis-1,2-Dichloroethene	8.74	96	131243	44.39	ug/kg	94
34) 2-Butanone	8.71	72	65751	203.33	ug/kg#	72
35) Propionitrile	8.87	54	126159	408.21	ug/kg	96
36) Bromochloromethane	9.02	128	76610	48.08	ug/kg	88

(#) = qualifier out of range (m) = manual integration
Y0041934.D VY2583AP9.M Tue Sep 07 12:32:41 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:41 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	Methacrylonitrile	9.01	41	607699	383.53	ug/kg	92
38)	Chloroform	9.05	83	215611	41.94	ug/kg	96
39)	Tetrahydrofuran	9.27	42	27808	35.89	ug/kg	89
40)	1,1,1-Trichloroethane	9.26	97	134074	39.70	ug/kg	96
42)	Cyclohexane	9.27	56	132881	37.82	ug/kg	95
43)	Isobutyl Alcohol	9.40	43	92070	836.59	ug/kg	97
44)	1,1-Dichloropropene	9.42	75	160044	41.52	ug/kg	98
45)	n-Butyl Alcohol	10.09	56	57602	747.49	ug/kg	88
46)	Carbon Tetrachloride	9.41	117	94534	29.75	ug/kg	97
48)	Benzene	9.65	78	539160	41.04	ug/kg	98
49)	1,2-Dichloroethane	9.73	62	151489	39.44	ug/kg	98
50)	tert-amyl methyl ether	9.64	73	317991	39.66	ug/kg	98
51)	Trichloroethene	10.30	95	156045	48.10	ug/kg	96
52)	1-Bromo-2-Chloroethane	11.08	63	438833	45.45	ug/kg	99
53)	Methylcyclohexane	10.46	83	167409	41.48	ug/kg	93
54)	Methyl Methacrylate	10.55	41	146520	52.54	ug/kg	94
55)	1,2-Dichloropropane	10.59	63	152740	41.05	ug/kg	97
56)	Dibromomethane	10.74	93	96947	48.38	ug/kg	91
57)	1,4-Dioxane	10.67	88	27805	902.67	ug/kg	89
58)	Bromodichloromethane	10.84	83	148463	32.02	ug/kg	98
59)	2-Nitropropane	11.12	41	113862	163.33	ug/kg	92
60)	2-Chloroethyl vinyl ether	11.08	63	438833	227.25	ug/kg	96
61)	4-Methyl-2-pentanone	11.38	100	98099	223.05	ug/kg#	79
62)	cis-1,3-Dichloropropene	11.29	75	201193	32.62	ug/kg	94
65)	Toluene	11.61	92	408189	41.04	ug/kg	97
66)	Ethyl Methacrylate	11.79	69	111949	23.47	ug/kg	96
67)	trans-1,3-Dichloropropene	11.86	75	195254	35.82	ug/kg	98
68)	1,1,2-Trichloroethane	12.07	83	122277	40.64	ug/kg	97
69)	Tetrachloroethene	12.16	164	258216	76.20	ug/kg	94
70)	2-hexanone	12.22	43	397374	194.77	ug/kg	98
71)	1,3-Dichloropropane	12.26	76	235987	39.60	ug/kg	95
72)	Dibromochloromethane	12.49	129	127695	30.96	ug/kg	96
73)	1,2-Dibromoethane	12.66	107	144967	40.85	ug/kg	100
74)	1-Chlorohexane	12.96	91	221329	42.90	ug/kg	91
75)	Chlorobenzene	13.11	112	483375	41.22	ug/kg	95
76)	1,1,1,2-Tetrachloroethane	13.17	131	149464	40.03	ug/kg	99
77)	Ethylbenzene	13.14	91	782683	42.03	ug/kg	97
78)	m,p-Xylene	13.25	106	634913	87.49	ug/kg	98
79)	o-Xylene	13.69	106	297192	44.20	ug/kg	98
80)	Styrene	13.70	104	511969	41.65	ug/kg	99
81)	Bromoform	14.00	173	83986	30.35	ug/kg	98
83)	Isopropylbenzene	14.03	105	702206	47.76	ug/kg	99
84)	Cyclohexanone	14.27	55	57502	665.21	ug/kg#	62
86)	Bromobenzene	14.48	156	223477	42.25	ug/kg	90
87)	1,1,2,2-Tetrachloroethane	14.40	83	162048	38.30	ug/kg	94
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	31833	26.47	ug/kg#	85
89)	1,2,3-Trichloropropane	14.49	75	115274m	34.00	ug/kg	
90)	n-Propylbenzene	14.46	91	837326	41.26	ug/kg	97
91)	2-Chlorotoluene	14.63	91	555389	40.50	ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:59:41 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

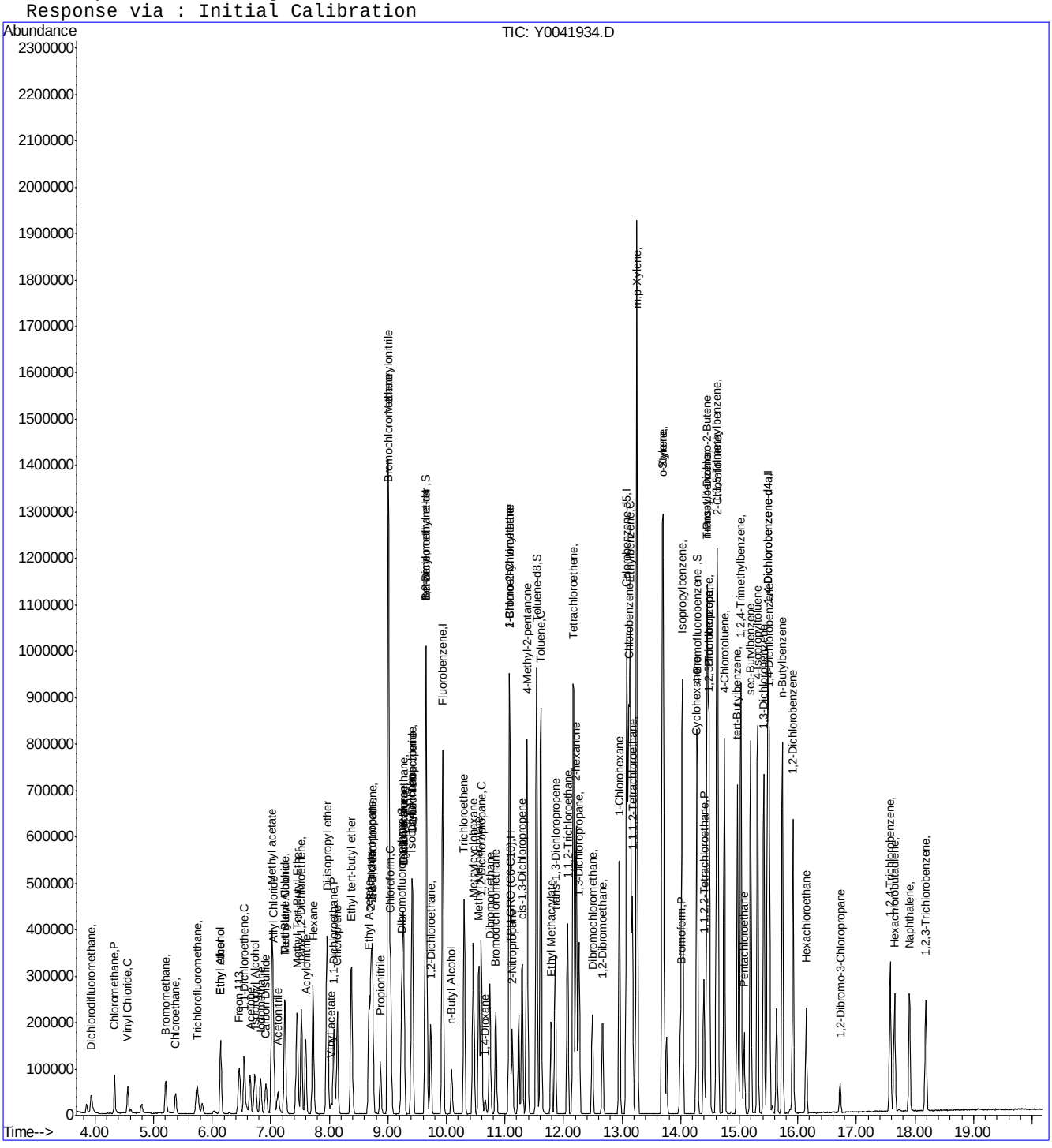
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
92)	4-Chlorotoluene	14.74	91	513675	41.48	ug/kg	96
93)	1,3,5-Trimethylbenzene	14.61	105	553152	42.45	ug/kg	97
94)	Pentachloroethane	15.08	167	41095	15.61	ug/kg	96
95)	sec-Butylbenzene	15.19	105	648952	41.34	ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	357232	42.78	ug/kg	98
97)	4-Isopropyltoluene	15.31	119	549226	43.84	ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	362927	42.43	ug/kg	98
99)	tert-Butylbenzene	14.97	91	249620	40.59	ug/kg	96
100)	n-Butylbenzene	15.74	91	466218	40.49	ug/kg	97
101)	1,2-Dichlorobenzene	15.92	146	304842	41.34	ug/kg	99
102)	1,2,4-Trimethylbenzene	15.02	105	568872	42.97	ug/kg	98
103)	Hexachloroethane	16.14	119	48008	22.19	ug/kg	93
104)	1,2-Dibromo-3-Chloropropan	16.72	75	17910	37.18	ug/kg	90
105)	1,2,4-Trichlorobenzene	17.57	180	131609	32.15	ug/kg	95
106)	Hexachlorobutadiene	17.65	225	69472	30.53	ug/kg	98
107)	Naphthalene	17.90	128	248971	29.95	ug/kg	99
108)	1,2,3-Trichlorobenzene	18.19	180	105687	27.99	ug/kg	98
110)	TPH-GRO (C6-C10)	11.10	TIC	53048394m	2467.59	mg/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041934.D VY2583AP9.M Tue Sep 07 12:32:42 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:06 2010 Quant Results File: VY2583AP9.RES

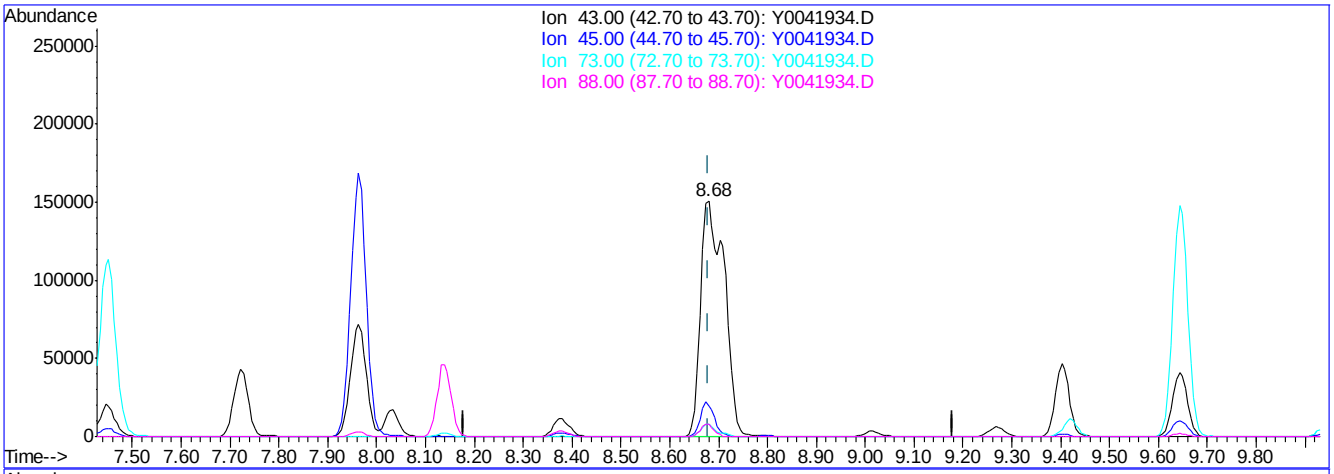
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

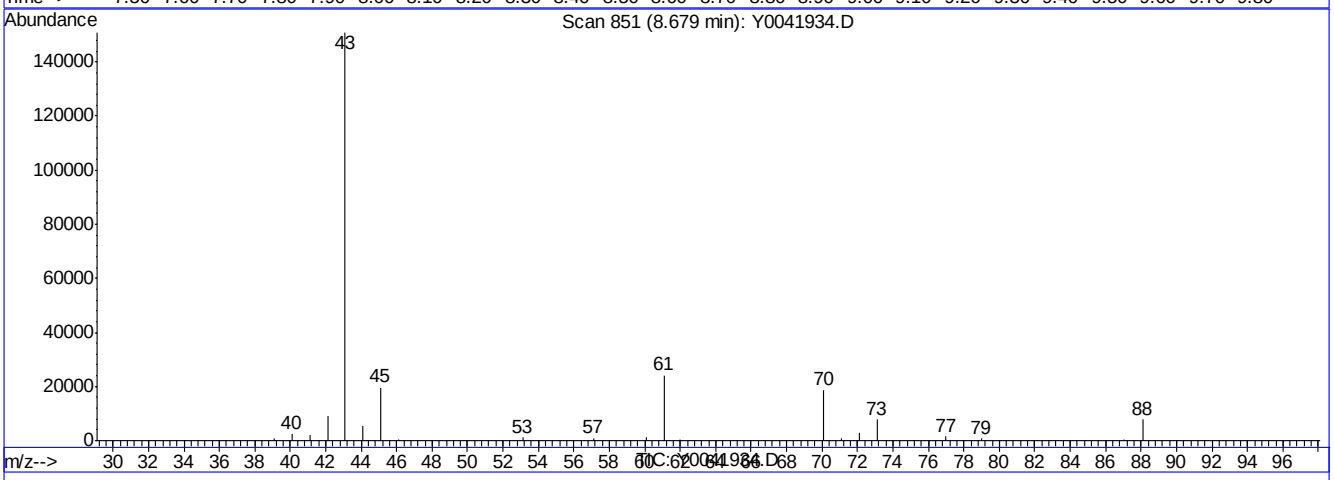


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 168.26ug/kg

response 508274

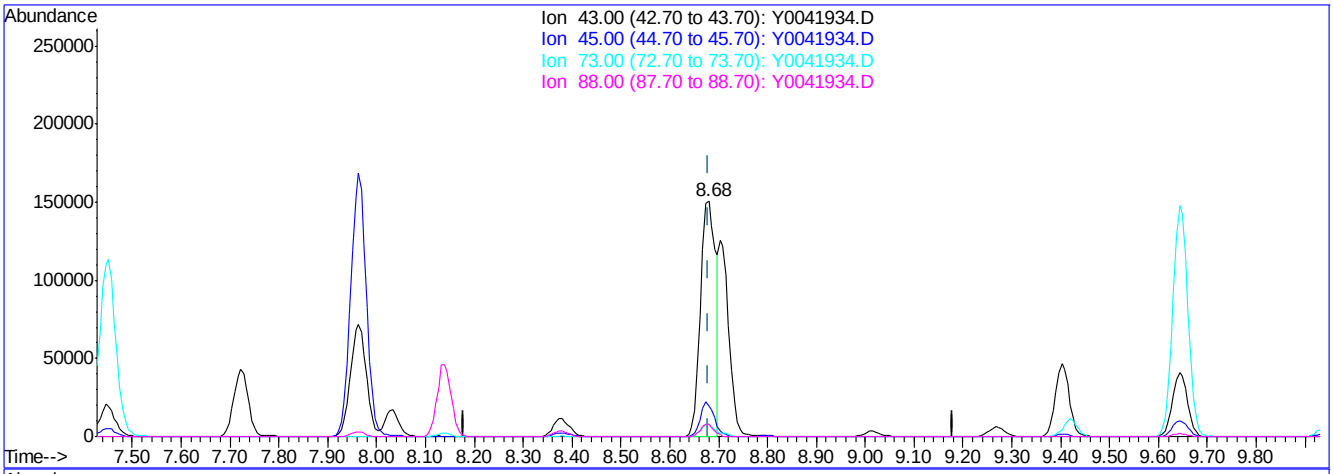
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	12.97
73.00	4.50	5.22
88.00	4.50	5.13

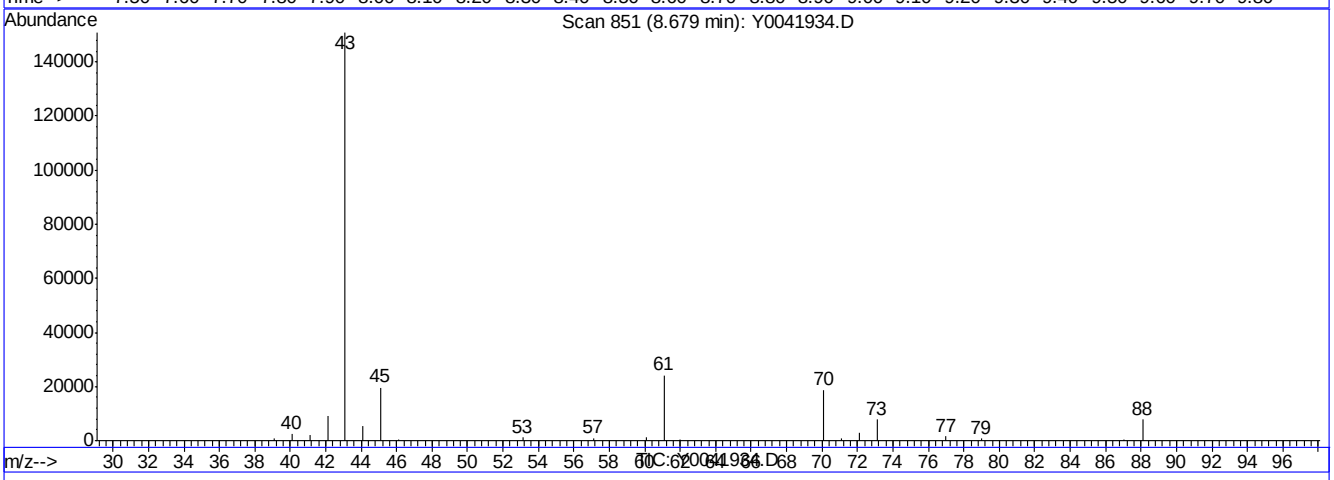
Y0041934.D VY2583AP9.M Tue Sep 07 12:05:48 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 108.79ug/kg m

response 328647

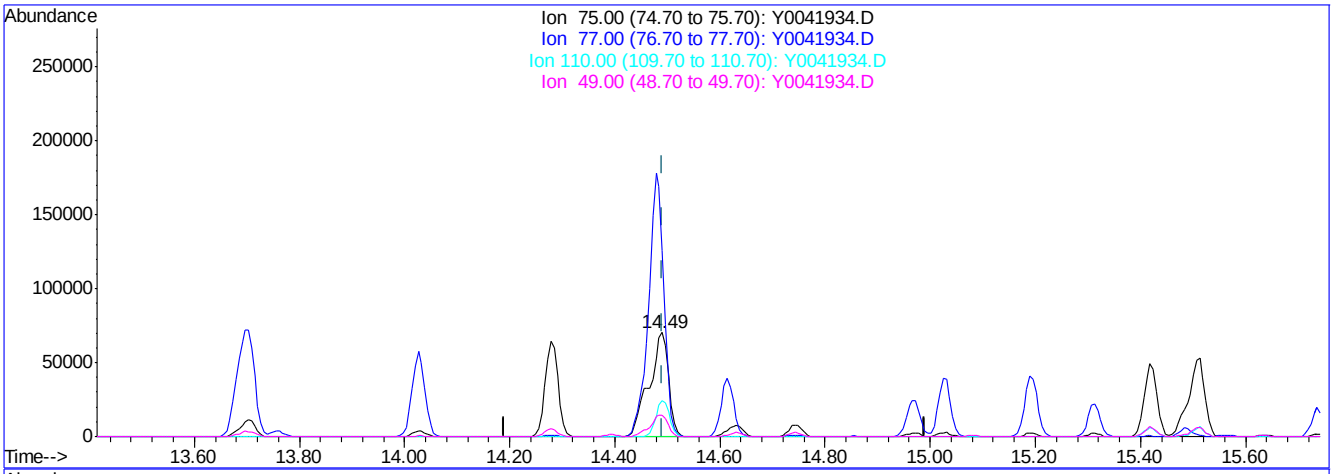
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	12.97
73.00	4.50	5.22
88.00	4.50	5.13

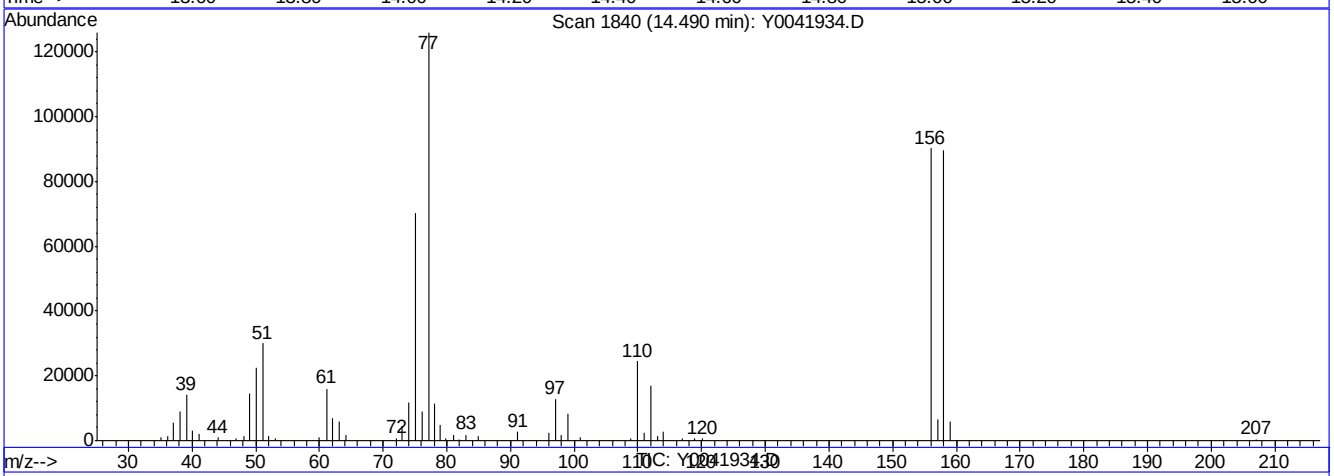
Y0041934.D VY2583AP9.M Tue Sep 07 12:05:57 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 53.15ug/kg

response 180201

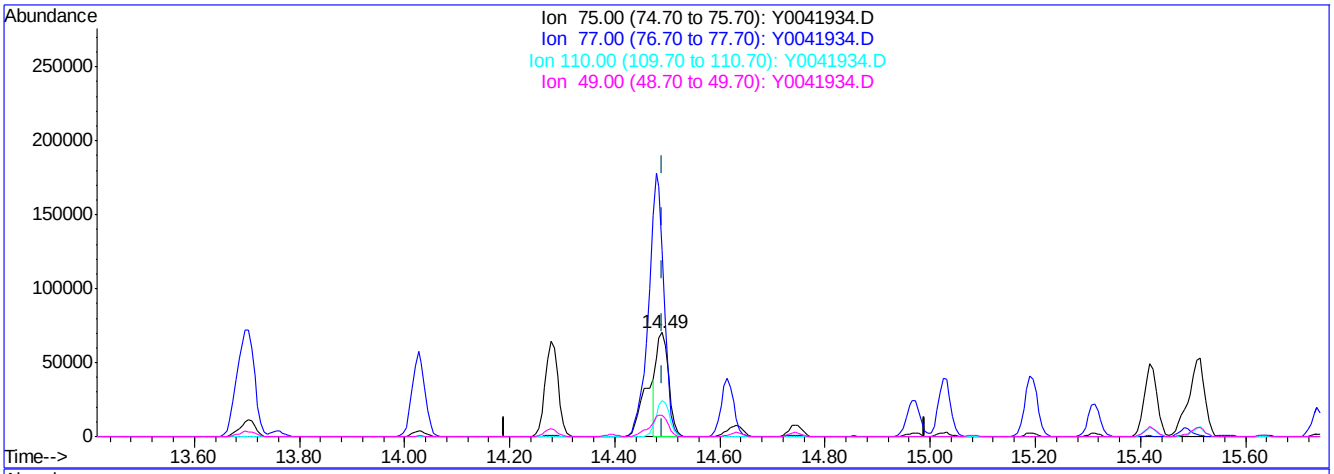
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	178.99
110.00	34.20	34.90
49.00	22.90	20.65

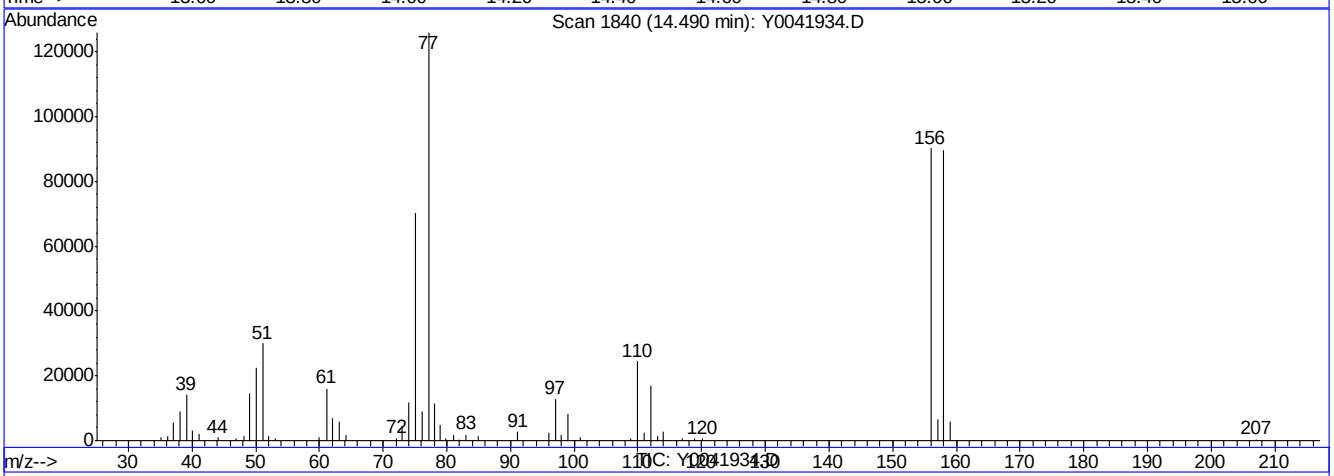
Y0041934.D VY2583AP9.M Tue Sep 07 12:06:03 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041934.D Vial: 11
Acq On : 7 Sep 2010 11:32 am Operator: fayzai
Sample : t59309-4msd Inst : GCMS_Y
Misc : ms8367,vy2602,5.53,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 12:06 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 34.00ug/kg m

response 115274

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	178.99
110.00	34.20	34.90
49.00	22.90	20.65

Y0041934.D VY2583AP9.M Tue Sep 07 12:06:09 2010

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/08/10 11:31

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:59:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	198847	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	147752	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	79737	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	79737	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	53274	48.98	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 97.96%			
46) 1,2-Dichloroethane-d4	5.144	65	72764	47.54	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 95.08%			
64) Toluene-d8	6.900	98	202856	51.60	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 103.20%			
85) 4-Bromofluorobenzene	9.454	95	74776	51.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 103.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.352	85	29302m	26.22	ug/L	
3) Chloromethane	1.486	50	35737	30.53	ug/L	98
4) Vinyl Chloride	1.608	62	30604	27.01	ug/L	99
5) Bromomethane	1.907	94	20916	25.04	ug/L	98
6) Chloroethane	2.010	64	19619	24.94	ug/L	97
7) Trichlorofluoromethane	2.309	101	42719	24.63	ug/L	98
8) Ethyl Alcohol	2.486	45	4071	684.10	ug/kg	92
9) Ethyl Ether	2.565	59	25806	26.57	ug/L	95
10) Acrolein	2.675	56	4777	72.96	ug/L	98
11) 1,1-Dichloroethene	2.785	61	41455	25.02	ug/L	96
12) Freon 113	2.821	101	27114	23.84	ug/L	96
13) Acetone	2.833	43	54954	144.52	ug/L	97
14) Iodomethane	2.919	142	42191	23.83	ug/L	98
15) Isopropyl Alcohol	2.992	45	40468	690.67	ug/kg	90
16) Methyl Acetate	3.156	43	185665	140.73	ug/L	99
17) Carbon Disulfide	2.992	76	56404	18.03	ug/L	93
18) Methylene Chloride	3.248	49	38239	22.32	ug/L	98
19) Tert Butyl Alcohol	3.376	59	28523	388.26	ug/L	98
20) Allyl Chloride	3.126	41	79130	31.66	ug/L	92
21) Acetonitrile	3.126	41	79130	157.80	ug/L	92
22) trans-1,2-Dichloroethene	3.504	61	38865	23.24	ug/L	97
23) Acrylonitrile	3.467	53	66501	147.51	ug/L	97
24) Methyl Tert Butyl Ether	3.516	73	74975	24.75	ug/L	97
25) Hexane	3.766	57	40513	24.74	ug/L	98
26) 1,1-Dichloroethane	3.888	63	48875	24.00	ug/L	98
27) Vinyl Acetate	3.949	43	254145	125.53	ug/L	99
28) Di-isopropyl ether	3.973	45	95997	23.89	ug/L	96
29) Chloroprene	3.973	53	49236	26.32	ug/L	96
30) Ethyl tert-butyl ether	4.303	59	72701	22.98	ug/L	99
31) 2,2-Dichloropropane	4.424	77	30322	21.84	ug/L	97
32) cis-1,2-Dichloroethene	4.418	96	29223	24.46	ug/L	96
33) Ethyl Acetate	4.498	43	198777	151.75	ug/L	99
34) 2-Butanone	4.431	43	95121	162.82	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:59:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
35) Propionitrile	4.473	54	54245	316.59 ug/L	94
36) Methacrylonitrile	4.613	41	277717	330.44 ug/L	99
37) Bromochloromethane	4.626	128	15787	24.41 ug/L #	60
38) Chloroform	4.705	83	51776	23.35 ug/kg	99
39) Tetrahydrofuran	4.674	42	11581	30.73 ug/L	89
40) 1,1,1-Trichloroethane	4.870	97	39833	22.65 ug/L	98
42) Cyclohexane	4.930	56	48153	24.44 ug/L	98
43) n-Butyl Alcohol	5.723	56	19482	830.89 ug/L	97
44) 1,1-Dichloropropene	5.016	75	40055	24.96 ug/L	97
45) Carbon Tetrachloride	5.022	117	37589	22.73 ug/L	95
47) Benzene	5.205	78	110492	23.75 ug/L	99
48) Isobutyl Alcohol	5.132	43	34912	811.95 ug/L	96
49) 1,2-Dichloroethane	5.211	62	45095	23.51 ug/L	97
50) tert-amyl methyl ether	5.321	73	65354	24.57 ug/L	99
51) Trichloroethene	5.784	95	30120	25.13 ug/L	99
52) Methylcyclohexane	5.967	83	48184	24.42 ug/L	98
53) Methyl Methacrylate	6.095	41	36731	33.49 ug/L	93
54) 1,2-Dichloropropane	5.979	63	29159	24.21 ug/L	92
55) Dibromomethane	6.089	93	19828	24.82 ug/kg	95
56) 1,4-Dioxane	6.107	88	6101	517.50 ug/L	98
57) Bromodichloromethane	6.235	83	34693	22.18 ug/L	99
58) 2-Nitropropane	6.436	41	47471	147.23 ug/L	97
59) 2-Chloroethyl vinyl ether	6.516	63	43679	36.94 ug/L #	29
60) 1-Bromo-2-Chloroethane	6.516	63	43679	7.39 ug/kg#	79
61) 4-Methyl-2-pentanone	6.790	43	242550	195.40 ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	40366	22.76 ug/L	96
65) Toluene	6.961	91	120515	24.31 ug/L	100
66) Ethyl Methacrylate	7.259	69	43842	29.25 ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	36041	22.52 ug/L	97
68) 1,1,2-Trichloroethane	7.332	83	23144	24.98 ug/L	99
69) Tetrachloroethene	7.485	166	34246	24.82 ug/L	98
70) 2-hexanone	7.576	43	184469	216.10 ug/L	98
71) 1,3-Dichloropropane	7.491	76	48922	24.98 ug/L	98
72) Dibromochloromethane	7.710	129	26251	22.73 ug/L	98
73) 1,2-Dibromoethane	7.820	107	29050	25.65 ug/L	97
74) 1-Chlorohexane	8.290	91	38470	24.97 ug/L	96
75) Chlorobenzene	8.308	112	79283	23.85 ug/L	96
76) 1,1,1,2-Tetrachloroethane	8.387	131	26846	23.77 ug/L	97
77) Ethylbenzene	8.418	91	134827	24.52 ug/L	100
78) m,p-Xylene	8.533	91	206949	49.07 ug/L	99
79) o-Xylene	8.930	91	103901	24.22 ug/L	98
80) Styrene	8.942	104	79216	22.76 ug/L	96
81) Bromoform	9.119	173	16832	20.76 ug/L	96
83) Isopropylbenzene	9.308	105	129801	30.05 ug/L	99
84) Cyclohexanone	9.381	55	6218	180.17 ug/L	93
86) Bromobenzene	9.606	156	35071	24.32 ug/L	99
87) 1,1,2,2-Tetrachloroethane	9.600	83	42543	30.18 ug/L	94
88) Trans-1,4-Dichloro-2-b...	9.655	53	6883	19.17 ug/L #	45
89) 1,2,3-Trichloropropane	9.643	110	11858	27.42 ug/L	97
90) n-Propylbenzene	9.728	91	158200	26.22 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:59:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

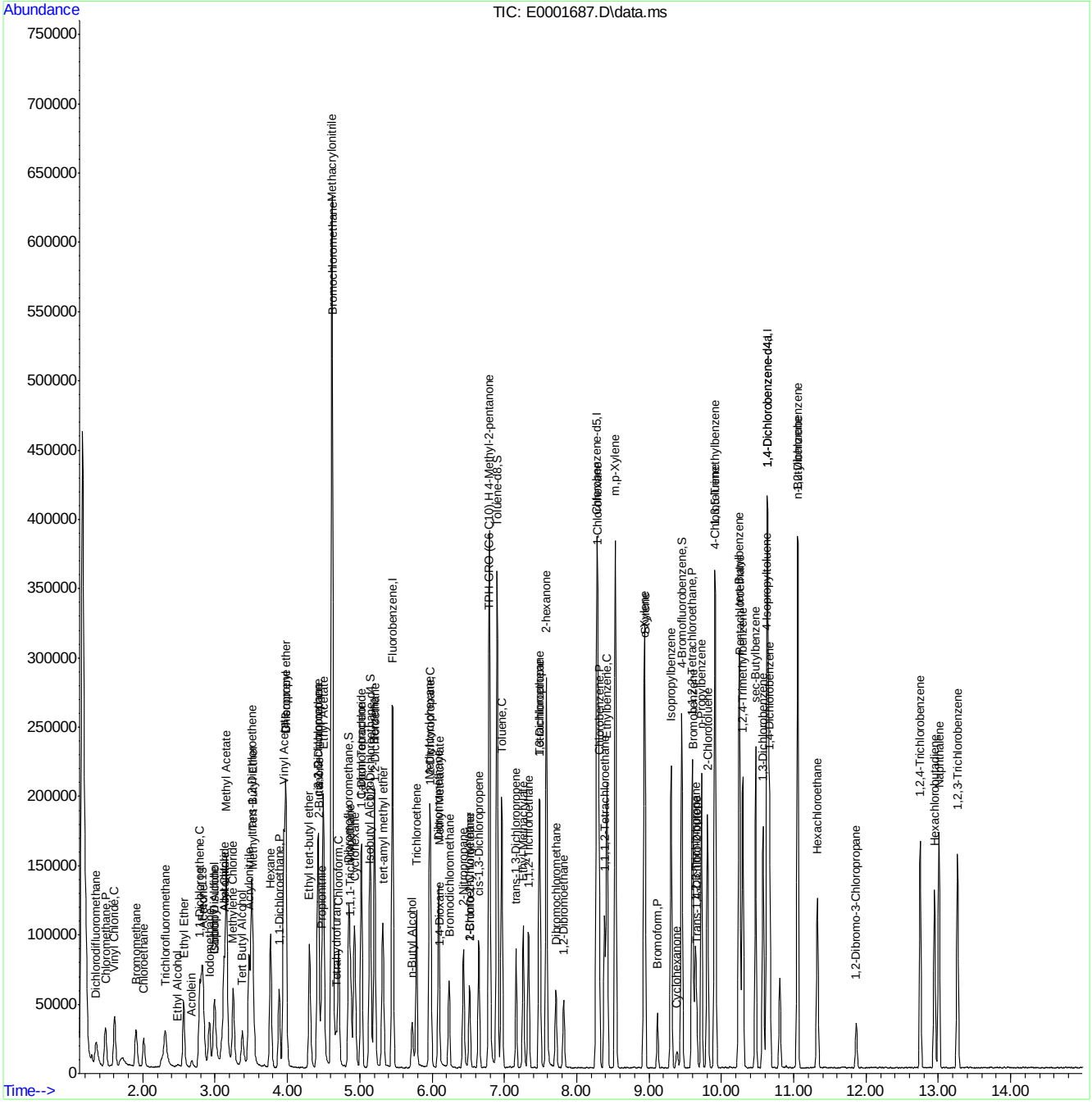
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	92488	25.34	ug/L	99
92)	4-Chlorotoluene	9.917	91	108147	25.52	ug/L	98
93)	1,3,5-Trimethylbenzene	9.911	105	107714	24.03	ug/L	100
94)	Pentachloroethane	10.253	167	19692	25.42	ug/L	97
95)	sec-Butylbenzene	10.472	105	144571	24.33	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	67309	24.36	ug/L	97
97)	4-Isopropyltoluene	10.624	119	117211	24.05	ug/L	98
98)	1,4-Dichlorobenzene	10.667	146	69334	23.77	ug/L	100
99)	tert-Butylbenzene	10.247	91	64674	26.54	ug/L	97
100)	n-Butylbenzene	11.057	91	116205	25.25	ug/L	98
101)	1,2-Dichlorobenzene	11.051	146	65643	24.60	ug/L	98
102)	1,2,4-Trimethylbenzene	10.295	105	110786	26.08	ug/L	99
103)	Hexachloroethane	11.326	119	20191	26.68	ug/L	95
104)	1,2-Dibromo-3-Chloropr...	11.862	75	7503	31.55	ug/L	88
105)	1,2,4-Trichlorobenzene	12.752	180	48772	24.09	ug/L	98
106)	Hexachlorobutadiene	12.947	225	24579	22.67	ug/L	98
107)	Naphthalene	13.008	128	129895	30.54	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	46991	24.19	ug/L	99
110)	TPH-GRO (C6-C10)	6.784	TIC	13917570m	1525.13	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:59:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

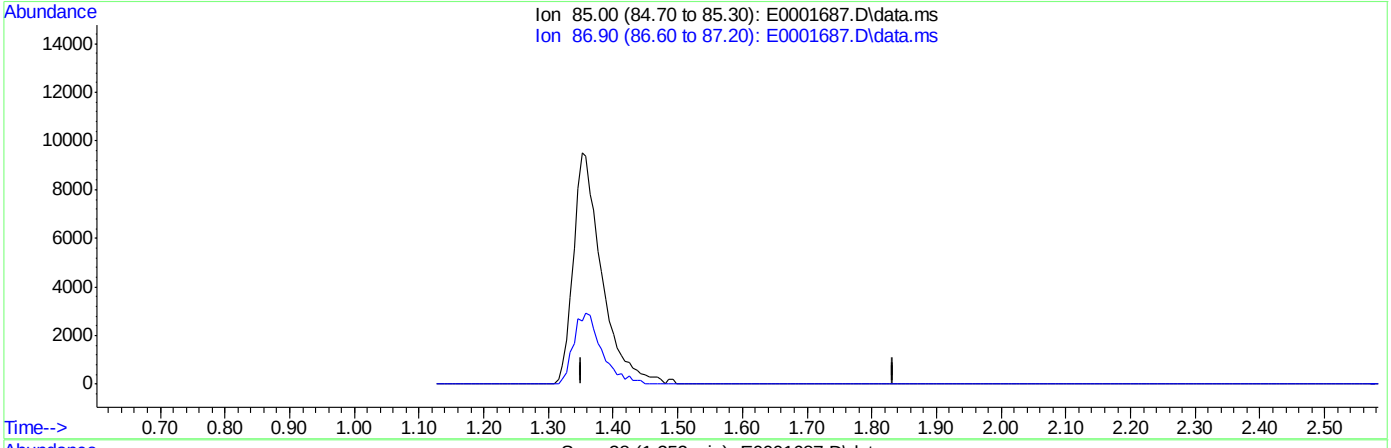


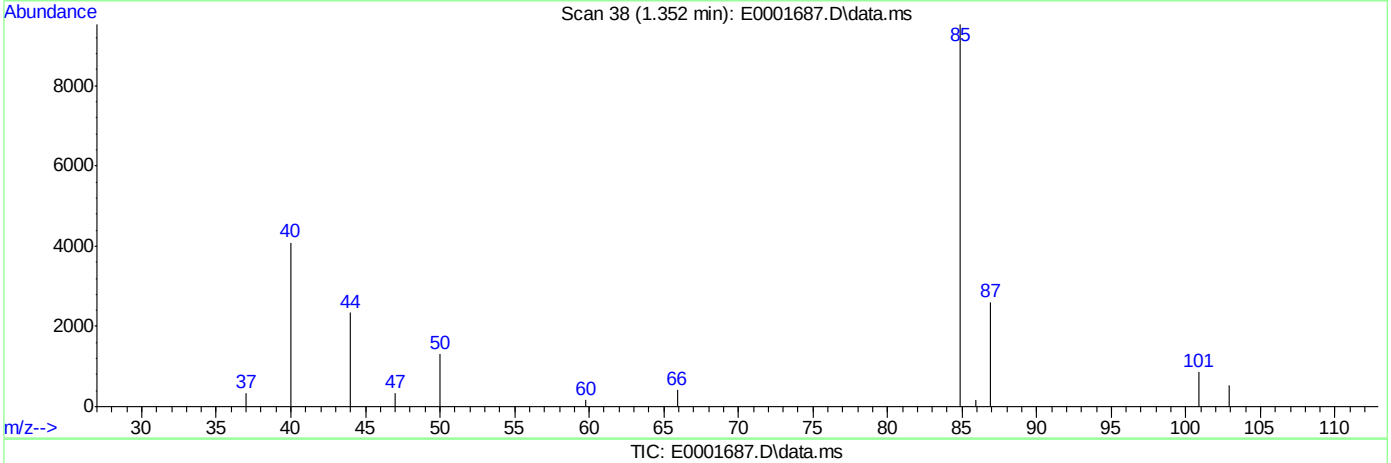
ve77.m Tue Sep 07 18:03:49 2010 Page: 4

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:58:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001687.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

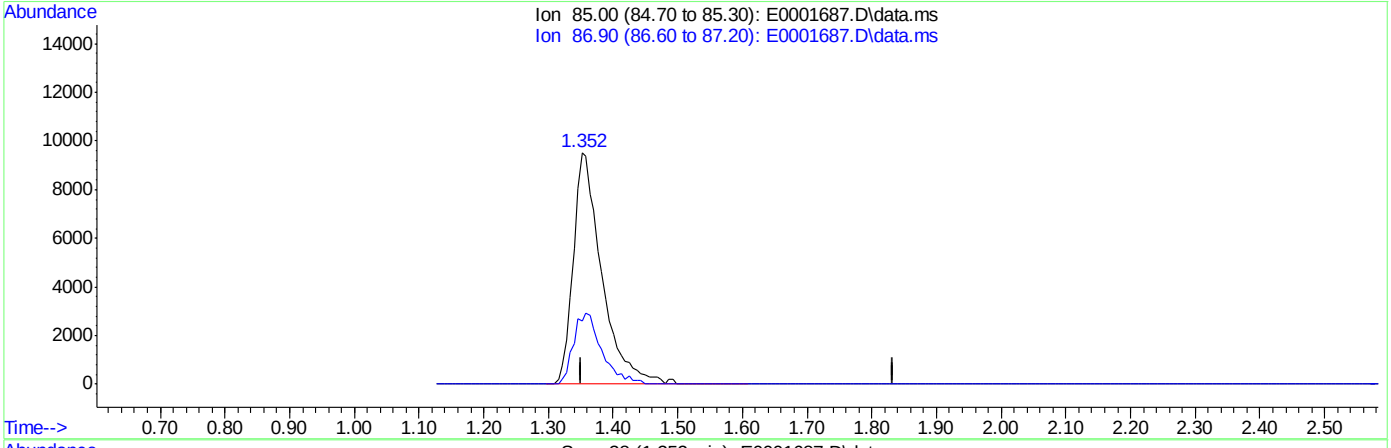
response 0

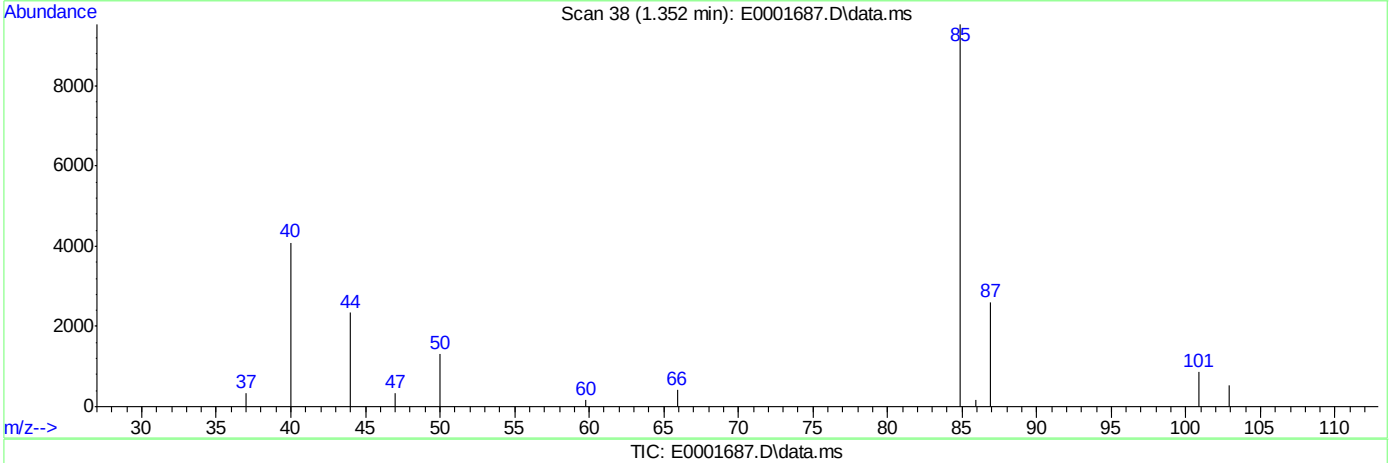
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001687.D
Acq On : 7 Sep 2010 3:04 pm
Operator : jennl
Sample : t59309-2ms
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 17:58:52 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001687.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-0.000) 26.22ug/L m

response 29302

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	27.28
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/08/10 11:31

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 18:00:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	202575	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	149573	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	83157	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	83157	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	53833	48.58	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 97.16%			
46) 1,2-Dichloroethane-d4	5.144	65	72800	46.69	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 93.38%			
64) Toluene-d8	6.900	98	202475	50.87	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 101.74%			
85) 4-Bromofluorobenzene	9.454	95	73252	48.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 97.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.358	85	26736m	23.48	ug/L	
3) Chloromethane	1.486	50	33925	28.45	ug/L	99
4) Vinyl Chloride	1.614	62	29131	25.23	ug/L	93
5) Bromomethane	1.907	94	19601	23.04	ug/L	90
6) Chloroethane	2.010	64	18540	23.16	ug/L	95
7) Trichlorofluoromethane	2.309	101	39872	22.53	ug/L	98
8) Ethyl Alcohol	2.480	45	4482	739.31	ug/kg	89
9) Ethyl Ether	2.565	59	25347	25.62	ug/L	95
10) Acrolein	2.687	56	4595	69.12	ug/L	86
11) 1,1-Dichloroethene	2.785	61	39880	23.63	ug/L	96
12) Freon 113	2.821	101	25300	21.74	ug/L	96
13) Acetone	2.833	43	58138	150.32	ug/L	95
14) Iodomethane	2.919	142	41086	22.78	ug/L	98
15) Isopropyl Alcohol	2.992	45	43682	731.80	ug/kg	92
16) Methyl Acetate	3.156	43	185958	138.36	ug/L	100
17) Carbon Disulfide	2.992	76	51543	16.17	ug/L	98
18) Methylene Chloride	3.248	49	37826	21.62	ug/L	97
19) Tert Butyl Alcohol	3.376	59	32644	436.18	ug/L	90
20) Allyl Chloride	3.126	41	77903	30.60	ug/L	91
21) Acetonitrile	3.126	41	77903	152.49	ug/L	90
22) trans-1,2-Dichloroethene	3.504	61	37335	21.91	ug/L	98
23) Acrylonitrile	3.467	53	67376	146.70	ug/L	97
24) Methyl Tert Butyl Ether	3.516	73	75778	24.56	ug/L	99
25) Hexane	3.766	57	37574	22.46	ug/L	99
26) 1,1-Dichloroethane	3.888	63	47742	23.01	ug/L	93
27) Vinyl Acetate	3.949	43	250874	121.63	ug/L	99
28) Di-isopropyl ether	3.973	45	94267	23.03	ug/L	98
29) Chloroprene	3.973	53	42886	22.50	ug/L	98
30) Ethyl tert-butyl ether	4.309	59	72994	22.65	ug/L	98
31) 2,2-Dichloropropane	4.418	77	28488	20.14	ug/L	95
32) cis-1,2-Dichloroethene	4.418	96	28558	23.46	ug/L	95
33) Ethyl Acetate	4.498	43	204765	153.45	ug/L	100
34) 2-Butanone	4.431	43	102136	171.61	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 18:00:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
35) Propionitrile	4.473	54	57543	329.66 ug/L	94
36) Methacrylonitrile	4.620	41	287712	336.03 ug/L	98
37) Bromochloromethane	4.632	128	15395	23.36 ug/L #	80
38) Chloroform	4.705	83	50451	22.33 ug/kg	99
39) Tetrahydrofuran	4.674	42	13454	35.00 ug/L	91
40) 1,1,1-Trichloroethane	4.876	97	37942	21.19 ug/L	96
42) Cyclohexane	4.931	56	46016	22.92 ug/L	99
43) n-Butyl Alcohol	5.723	56	20666	862.35 ug/L	95
44) 1,1-Dichloropropene	5.022	75	38088	23.30 ug/L	99
45) Carbon Tetrachloride	5.022	117	33644	20.05 ug/L	98
47) Benzene	5.205	78	107090	22.59 ug/L	99
48) Isobutyl Alcohol	5.138	43	39125	891.24 ug/L	96
49) 1,2-Dichloroethane	5.211	62	44276	22.66 ug/L	95
50) tert-amyl methyl ether	5.321	73	66801	24.65 ug/L	99
51) Trichloroethene	5.784	95	29386	24.07 ug/L	97
52) Methylcyclohexane	5.967	83	45265	22.51 ug/L	98
53) Methyl Methacrylate	6.095	41	37097	33.20 ug/L	97
54) 1,2-Dichloropropane	5.985	63	28250	23.02 ug/L	95
55) Dibromomethane	6.083	93	19773	24.29 ug/kg	94
56) 1,4-Dioxane	6.107	88	7036	585.83 ug/L	88
57) Bromodichloromethane	6.235	83	32476	20.38 ug/L	99
58) 2-Nitropropane	6.436	41	50526	153.05 ug/L	98
59) 2-Chloroethyl vinyl ether	6.516	63	43266	35.92 ug/L #	29
60) 1-Bromo-2-Chloroethane	6.516	63	43266	7.18 ug/kg#	78
61) 4-Methyl-2-pentanone	6.790	43	254119	200.96 ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	37896	20.97 ug/L	98
65) Toluene	6.961	91	117454	23.40 ug/L	99
66) Ethyl Methacrylate	7.259	69	44916	29.57 ug/L	95
67) trans-1,3-Dichloropropene	7.162	75	34708	21.52 ug/L	97
68) 1,1,2-Trichloroethane	7.332	83	23486	25.04 ug/L	96
69) Tetrachloroethene	7.485	166	33379	23.89 ug/L	96
70) 2-hexanone	7.576	43	192140	222.34 ug/L	98
71) 1,3-Dichloropropane	7.497	76	47787	24.11 ug/L	96
72) Dibromochloromethane	7.710	129	24176	20.68 ug/L	98
73) 1,2-Dibromoethane	7.820	107	29380	25.62 ug/L	95
74) 1-Chlorohexane	8.290	91	36437	23.36 ug/L	97
75) Chlorobenzene	8.308	112	76962	22.87 ug/L	97
76) 1,1,1,2-Tetrachloroethane	8.387	131	24728	21.63 ug/L	98
77) Ethylbenzene	8.418	91	130898	23.51 ug/L	98
78) m,p-Xylene	8.533	91	197677	46.30 ug/L	100
79) o-Xylene	8.930	91	102037	23.50 ug/L	97
80) Styrene	8.942	104	72686	20.63 ug/L	97
81) Bromoform	9.119	173	16115	19.80 ug/L	98
83) Isopropylbenzene	9.308	105	123354	27.39 ug/L	98
84) Cyclohexanone	9.387	55	6704	186.27 ug/L	96
86) Bromobenzene	9.606	156	33736	22.43 ug/L	97
87) 1,1,2,2-Tetrachloroethane	9.600	83	44088	29.99 ug/L	100
88) Trans-1,4-Dichloro-2-b...	9.661	53	6172	16.86 ug/L #	88
89) 1,2,3-Trichloropropane	9.643	110	13058	28.95 ug/L	96
90) n-Propylbenzene	9.728	91	151347	24.05 ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 18:00:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

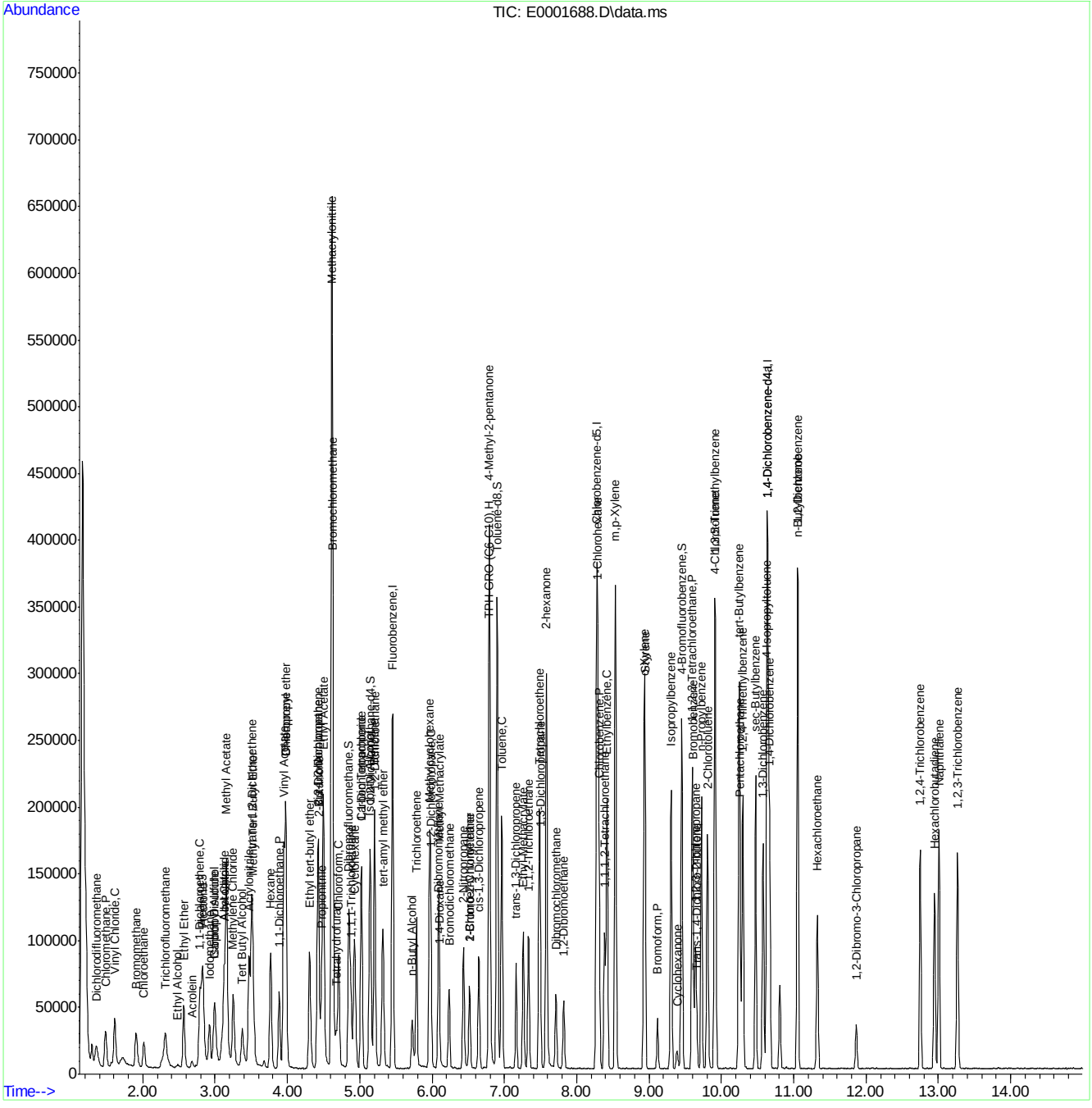
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 2-Chlorotoluene	9.808	91	89955	23.64	ug/L	99
92) 4-Chlorotoluene	9.917	91	105427	23.85	ug/L	99
93) 1,3,5-Trimethylbenzene	9.911	105	102610	22.00	ug/L	97
94) Pentachloroethane	10.259	167	17744	21.96	ug/L	91
95) sec-Butylbenzene	10.472	105	140093	22.62	ug/L	99
96) 1,3-Dichlorobenzene	10.576	146	64935	22.54	ug/L	99
97) 4-Isopropyltoluene	10.625	119	112702	22.21	ug/L	99
98) 1,4-Dichlorobenzene	10.667	146	67700	22.26	ug/L	97
99) tert-Butylbenzene	10.247	91	62142	24.45	ug/L	97
100) n-Butylbenzene	11.057	91	113518	23.65	ug/L	100
101) 1,2-Dichlorobenzene	11.051	146	64267	23.09	ug/L	98
102) 1,2,4-Trimethylbenzene	10.295	105	105110	23.72	ug/L	98
103) Hexachloroethane	11.326	119	18663	23.65	ug/L	99
104) 1,2-Dibromo-3-Chloropr...	11.868	75	7414	29.89	ug/L	96
105) 1,2,4-Trichlorobenzene	12.752	180	49380	23.38	ug/L	99
106) Hexachlorobutadiene	12.947	225	24601	21.76	ug/L	99
107) Naphthalene	13.008	128	135974	30.65	ug/L	100
108) 1,2,3-Trichlorobenzene	13.264	180	48957	24.17	ug/L	97
110) TPH-GRO (C6-C10)	6.784	TIC	13747218m	1434.98	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

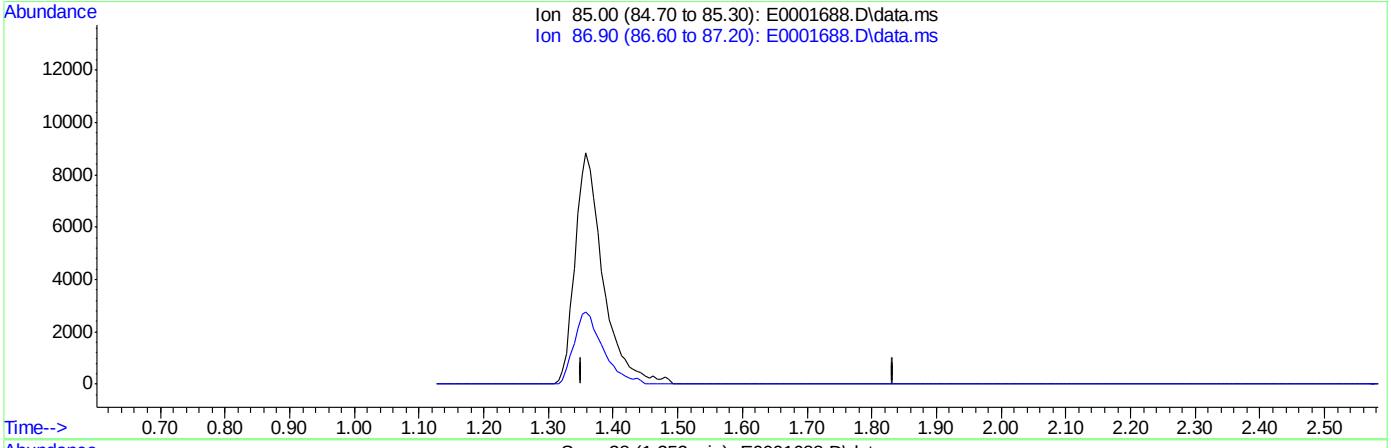
Quant Time: Sep 07 18:00:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

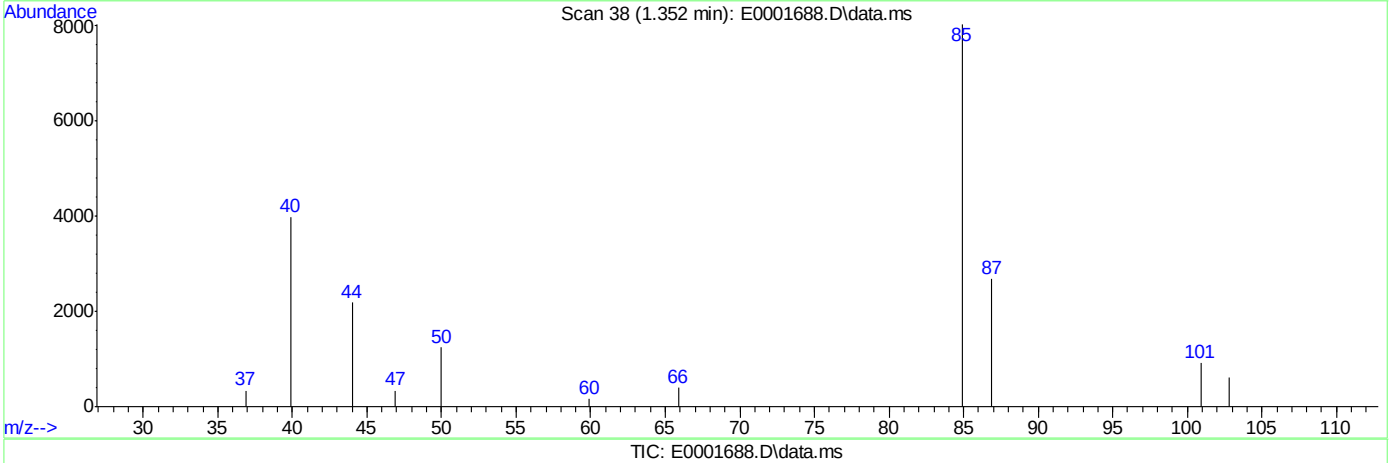


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 17:58:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001688.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

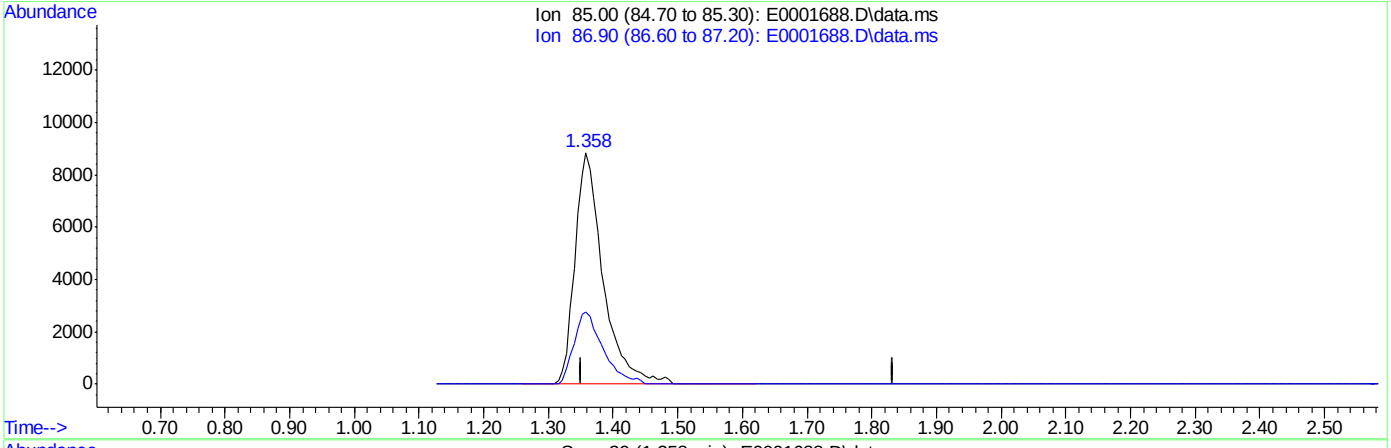
response 0

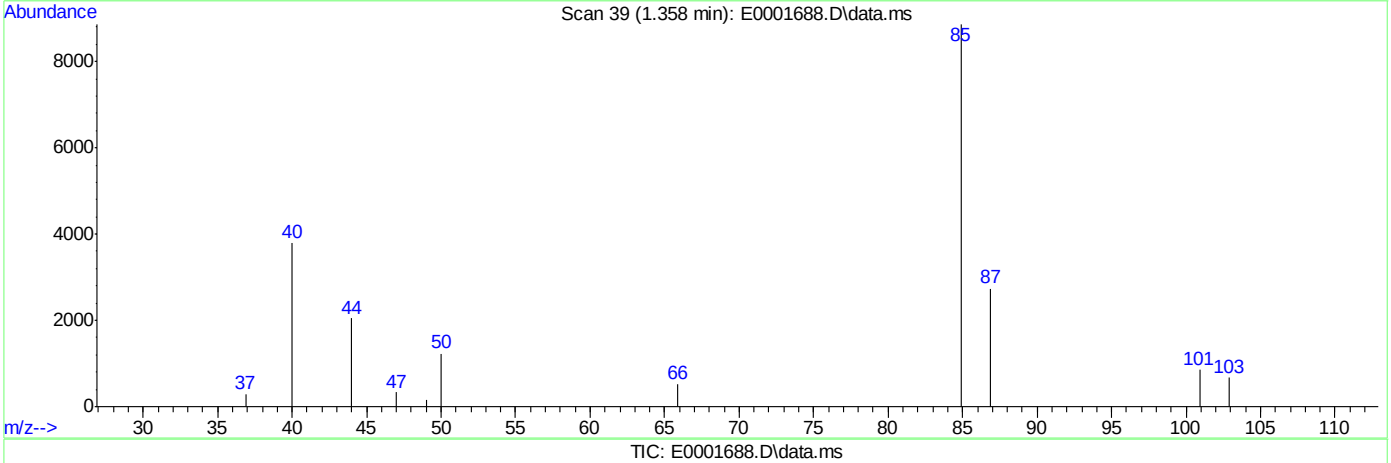
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001688.D
Acq On : 7 Sep 2010 3:27 pm
Operator : jennl
Sample : t59309-2msd
Misc : ms8368,VE109,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 17:58:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001688.D\data.ms

(2) Dichlorodifluoromethane

1.358min (+0.006) 23.48ug/L m

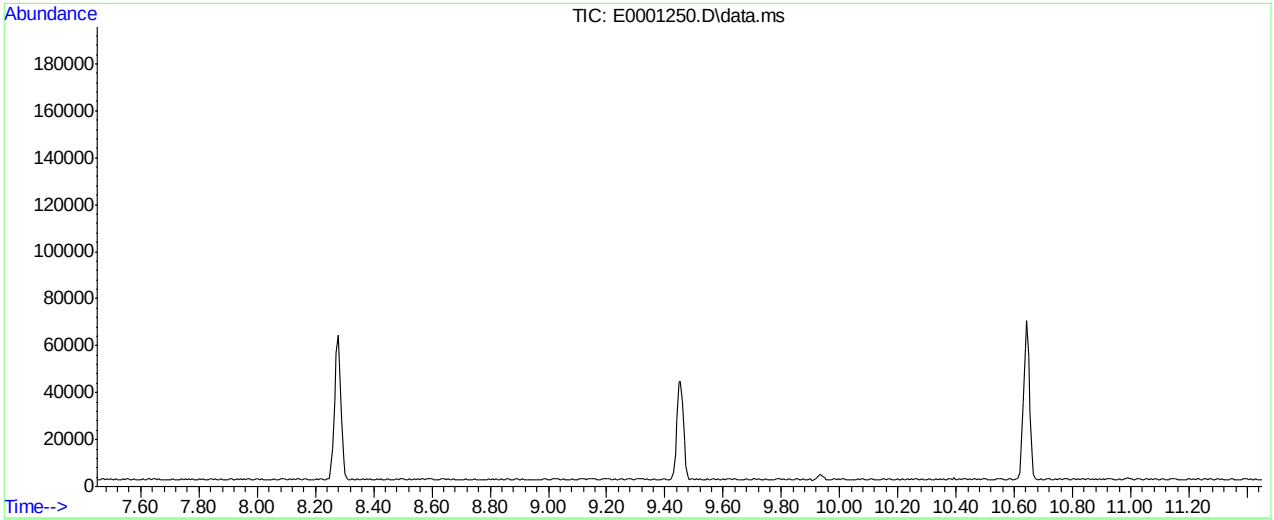
response 26736

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.90
0.00	0.00	0.00
0.00	0.00	0.00

BFB

Data File : C:\msdchem\1\DATA\E076\E0001250.D Vial: 9
Acq On : 17 Aug 2010 4:06 pm Operator: mikeh1
Sample : bfb Inst : MS E
Misc : ms8282,VE078,5,,,5,,Water Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title : SW846 8260B and EPA624



Spectrum Information: Average of 9.429 to 9.472 min.

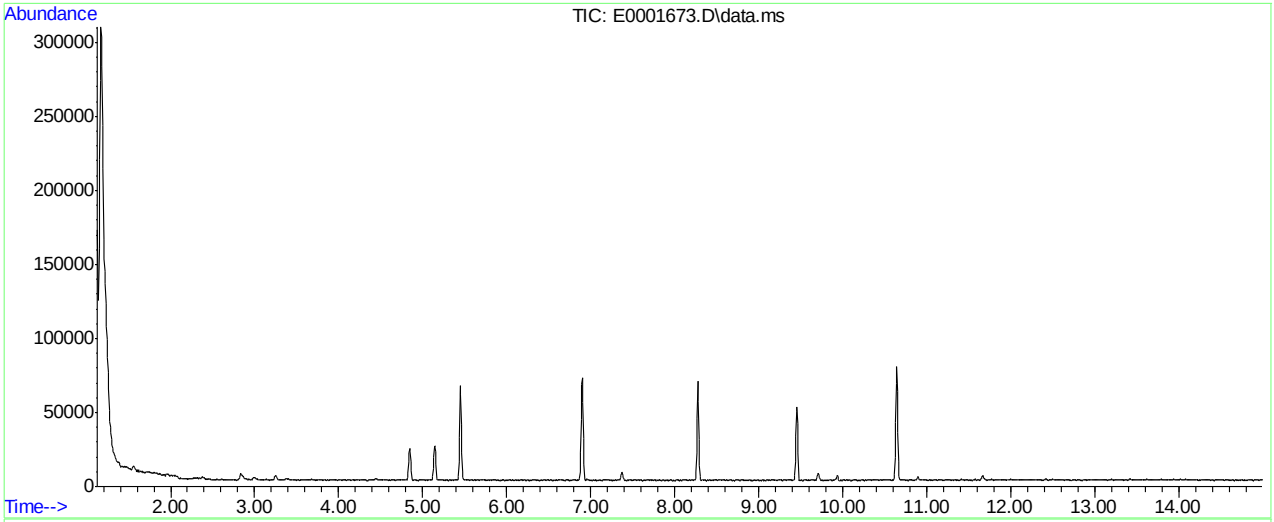
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	1022	PASS
75	95	30	60	54.7	2395	PASS
95	95	100	100	100.0	4375	PASS
96	95	5	9	7.1	312	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	89.3	3908	PASS
175	174	5	9	7.7	302	PASS
176	174	95	101	100.6	3933	PASS
177	176	5	9	5.7	224	PASS

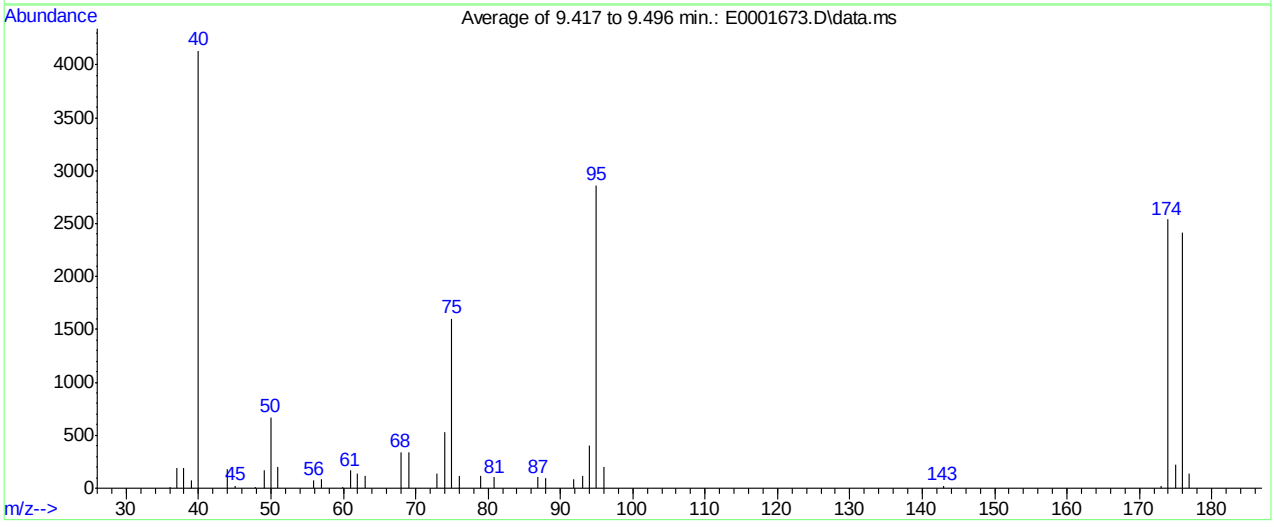
E0001250.D ve77.m Wed Aug 18 13:47:48 2010

BFB

Data File : C:\msdchem\1\DATA\E108\E0001673.D Vial: 1
Acq On : 7 Sep 2010 9:17 am Operator: jennl
Sample : bfb Inst : MS E
Misc : ms8368,VE108,5,,,5,,Water Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title : SW846 8260B and EPA624





Spectrum Information: Average of 9.417 to 9.496 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	670	PASS
75	95	30	60	56.0	1604	PASS
95	95	100	100	100.0	2862	PASS
96	95	5	9	7.1	204	PASS
173	174	0.00	2	1.0	26	PASS
174	95	50	100	88.8	2541	PASS
175	174	5	9	9.0	228	PASS
176	174	95	101	95.1	2416	PASS
177	176	5	9	5.5	134	PASS

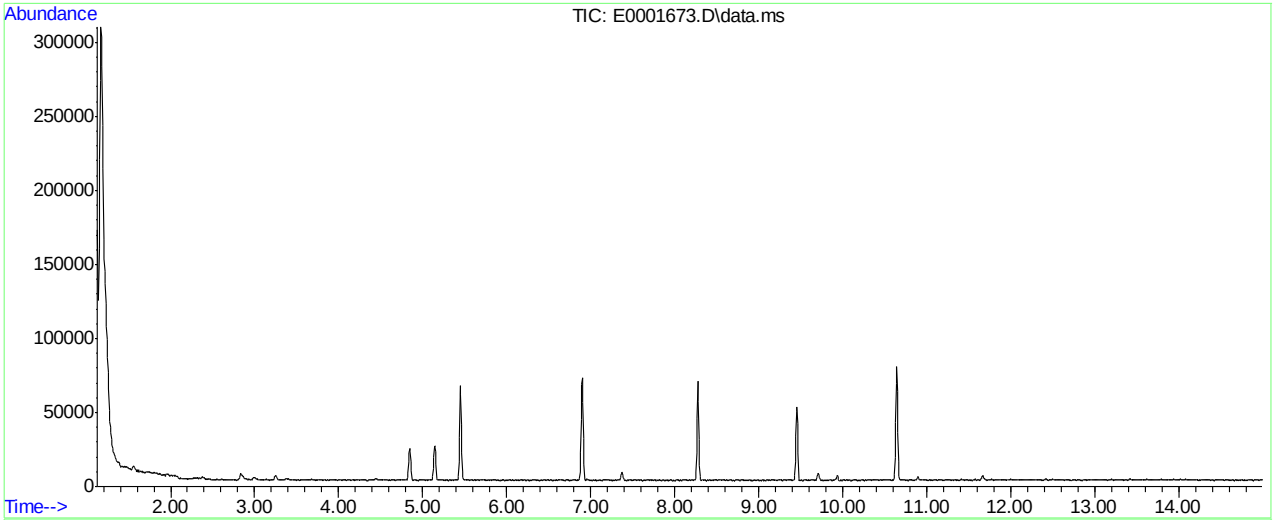
E0001673.D ve77.m Tue Sep 07 14:19:17 2010

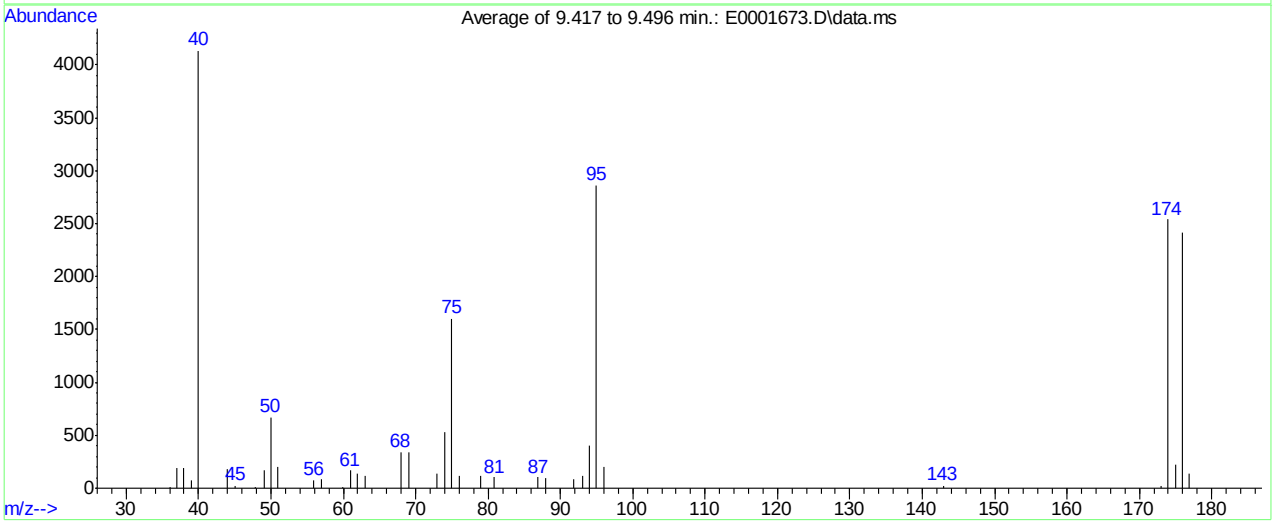
BFB

Data File : C:\msdchem\1\DATA\E108\E0001673.D
Acq On : 7 Sep 2010 9:17 am
Sample : bfb
Misc : ms8368,VE108,5,,,5,,Water
MS Integration Params: rteint.p

Vial: 1
Operator: jennl
Inst : MS E
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\ve77.m (RTE Integrator)
Title : SW846 8260B and EPA624





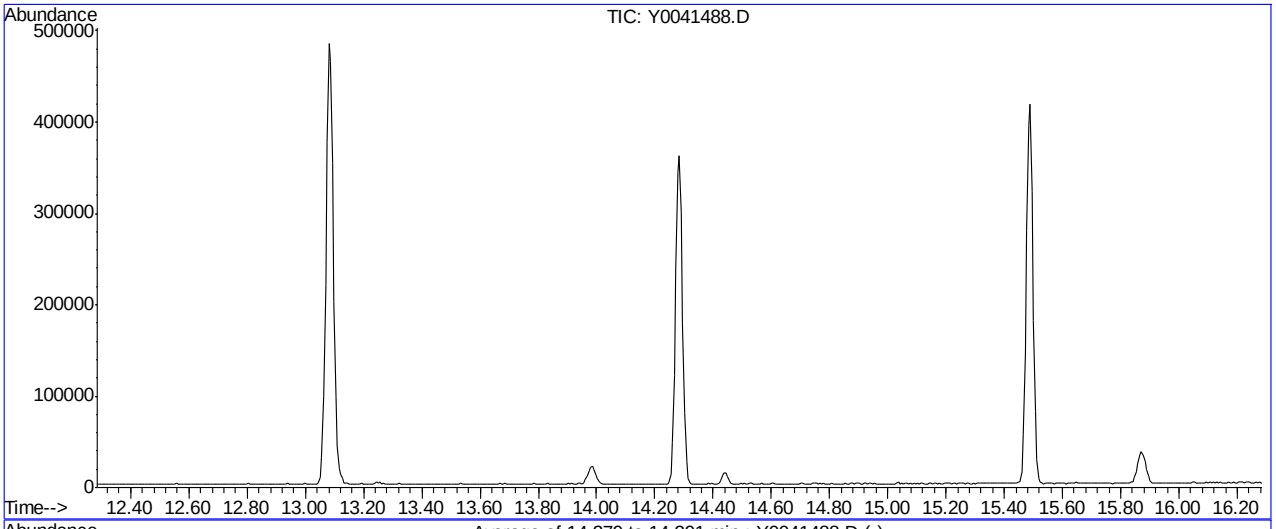
Spectrum Information: Average of 9.417 to 9.496 min.

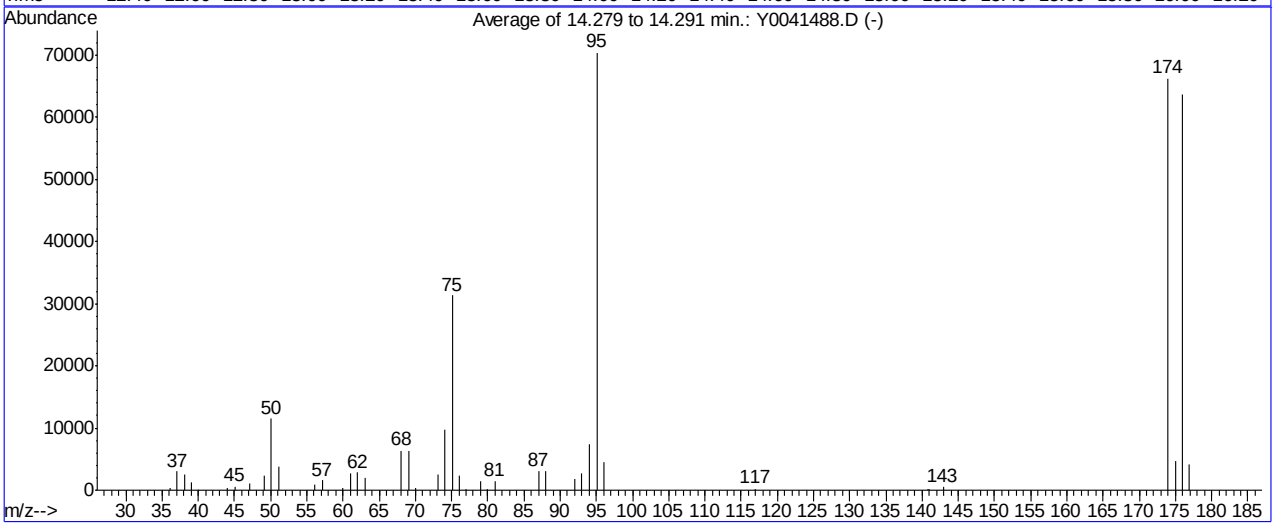
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	670	PASS
75	95	30	60	56.0	1604	PASS
95	95	100	100	100.0	2862	PASS
96	95	5	9	7.1	204	PASS
173	174	0.00	2	1.0	26	PASS
174	95	50	100	88.8	2541	PASS
175	174	5	9	9.0	228	PASS
176	174	95	101	95.1	2416	PASS
177	176	5	9	5.5	134	PASS

E0001673.D ve77.m Tue Sep 07 14:19:17 2010

Methods: SW-846 8260B

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041488.D Vial: 4
Acq On : 18 Aug 2010 6:30 am Operator: fayzai
Sample : bfb Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624





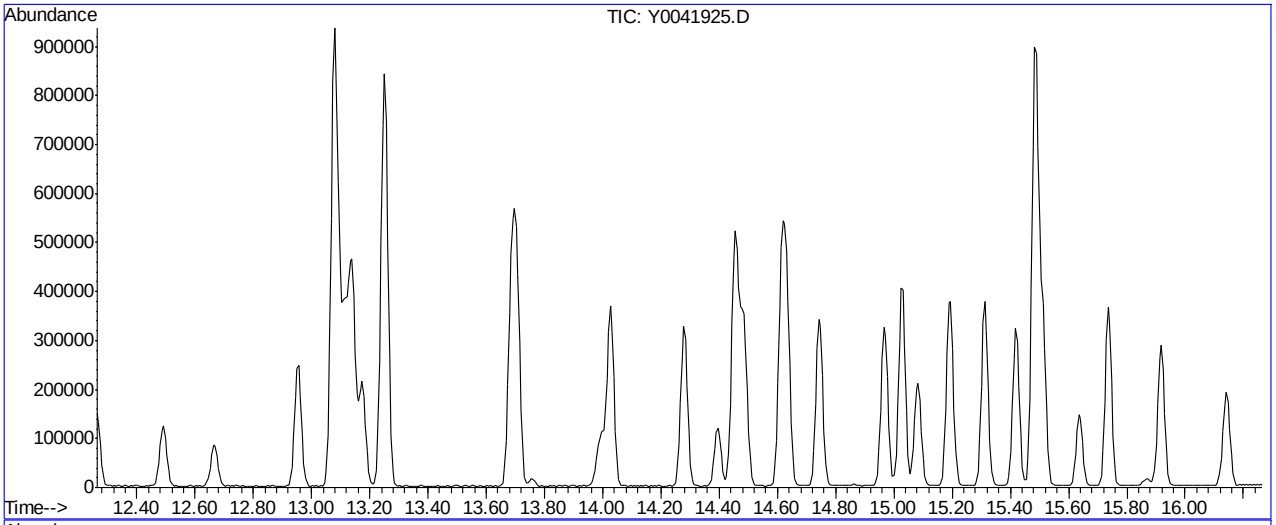
AutoFind: Scans 1804, 1805, 1806; Background Corrected with Scan 1796

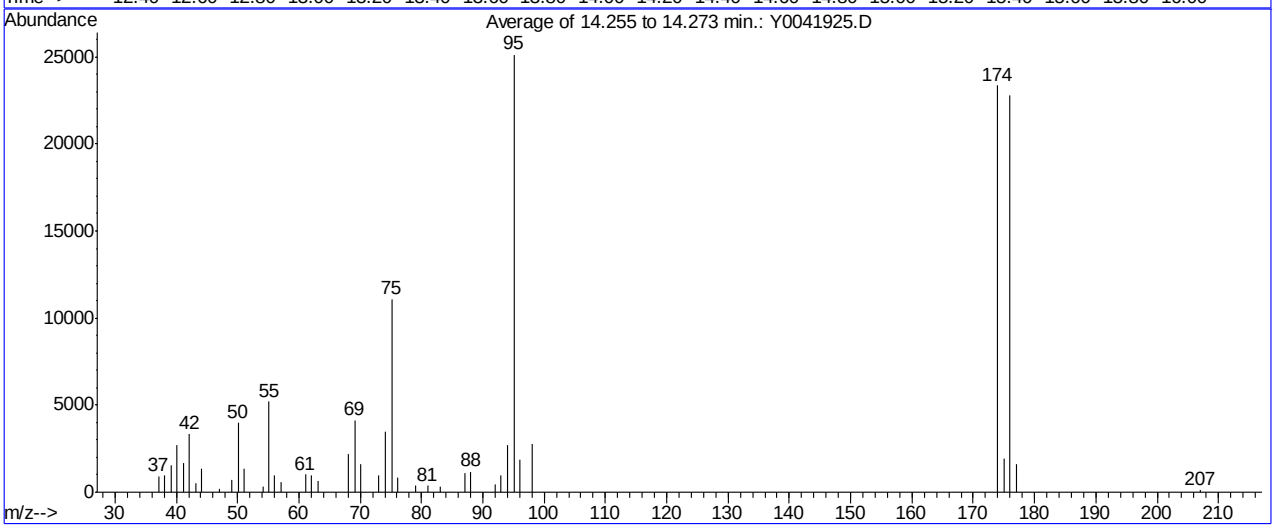
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	11516	PASS
75	95	30	60	44.4	31290	PASS
95	95	100	100	100.0	70394	PASS
96	95	5	9	6.4	4499	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	94.0	66176	PASS
175	174	5	9	7.2	4776	PASS
176	174	95	101	96.3	63714	PASS
177	176	5	9	6.4	4077	PASS

Y0041488.D VY2583AP9.M Wed Aug 18 10:41:03 2010

Methods: SW-846 8260B

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : bfb Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624





Spectrum Information: Average of 14.255 to 14.273 min.

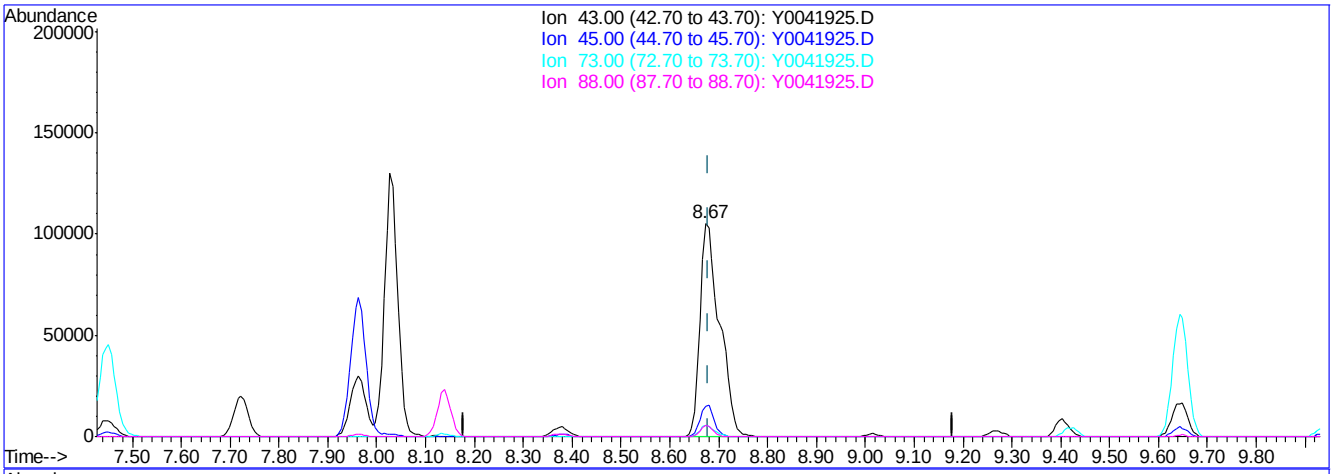
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.8	3963	PASS
75	95	30	60	44.2	11099	PASS
95	95	100	100	100.0	25136	PASS
96	95	5	9	7.3	1838	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	93.0	23367	PASS
175	174	5	9	8.4	1961	PASS
176	174	95	101	97.5	22784	PASS
177	176	5	9	7.1	1611	PASS

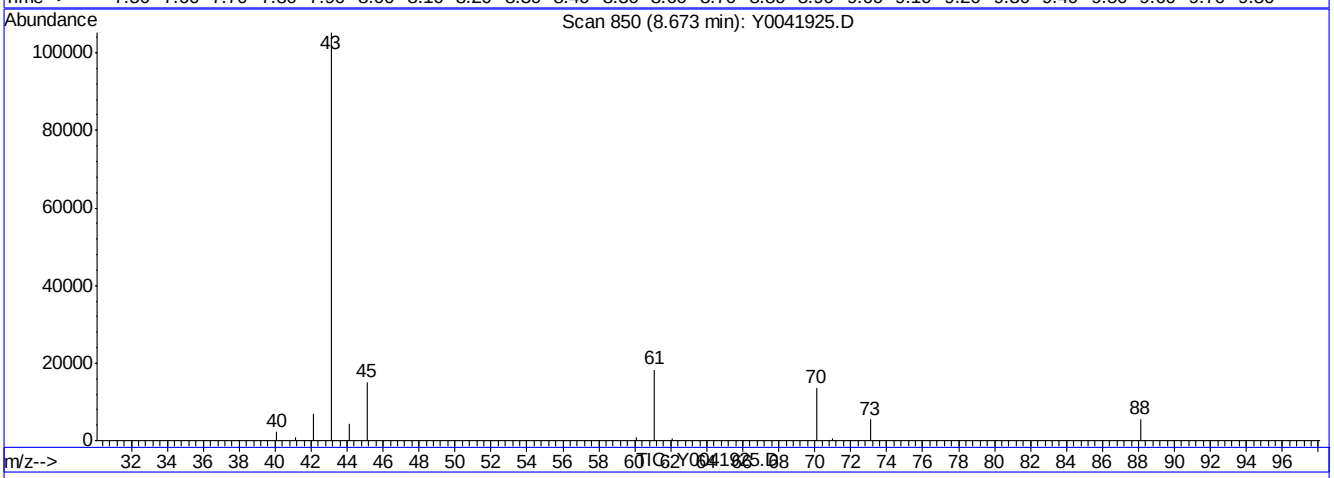
Y0041925.D VY2583AP9.M Wed Sep 08 09:41:49 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 108.57ug/kg

response 291380

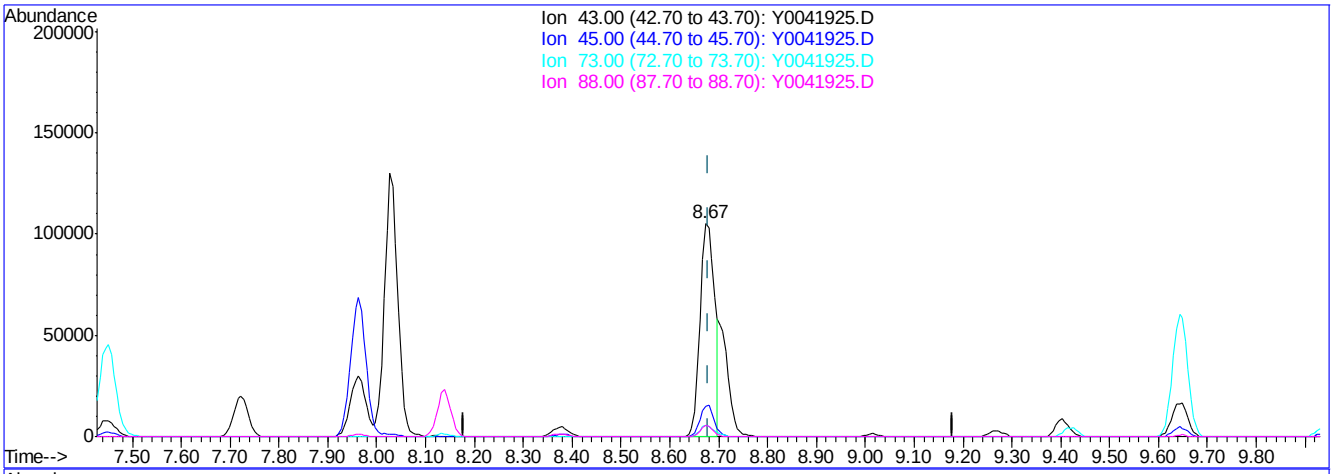
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.32
73.00	4.50	5.10
88.00	4.50	5.28

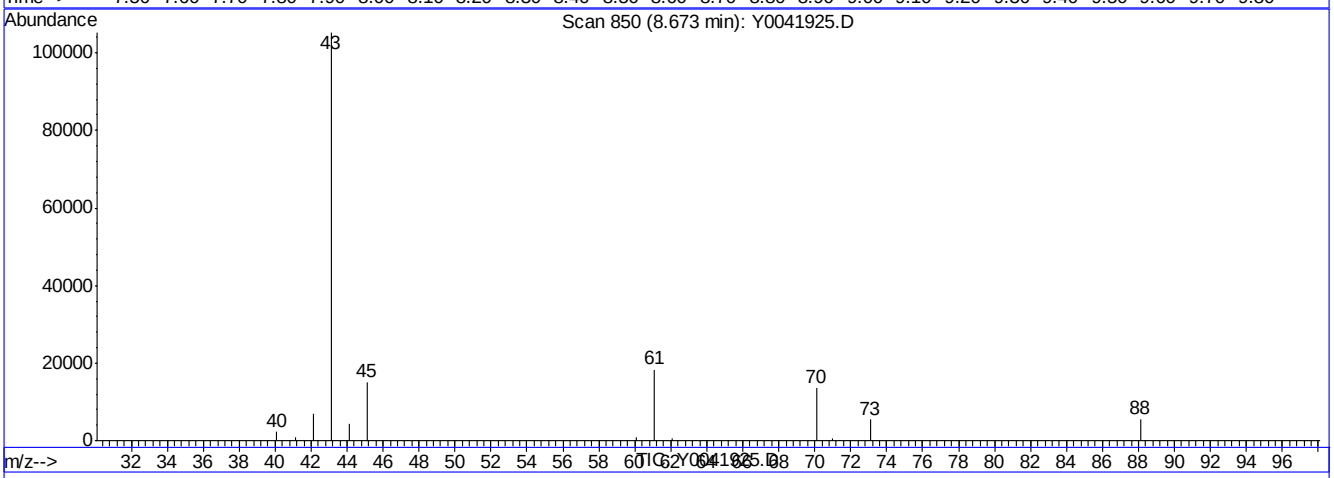
Y0041925.D VY2583AP9.M Tue Sep 07 11:58:56 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 80.75ug/kg m

response 216703

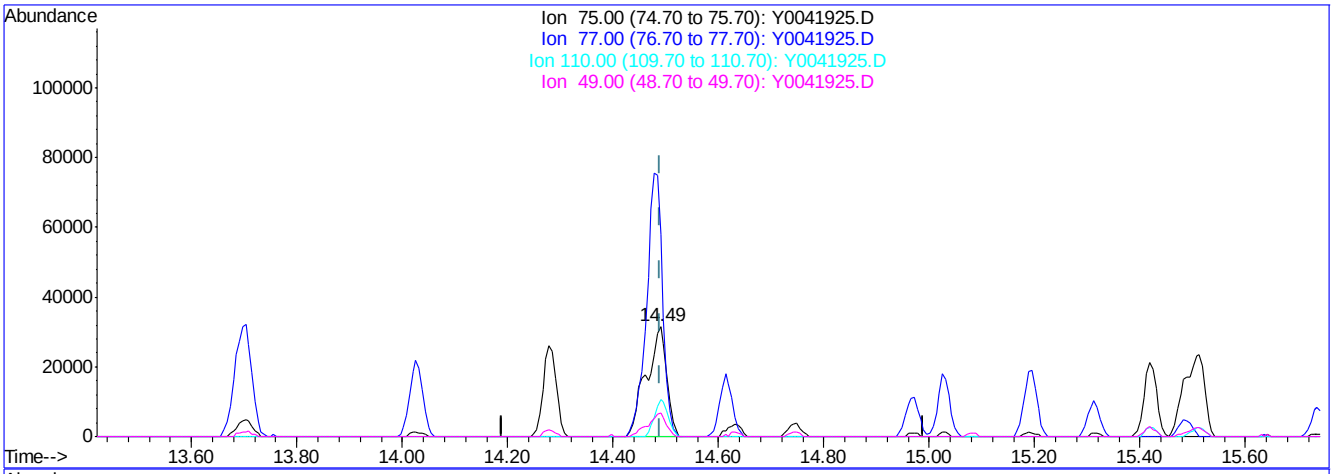
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.32
73.00	4.50	5.10
88.00	4.50	5.28

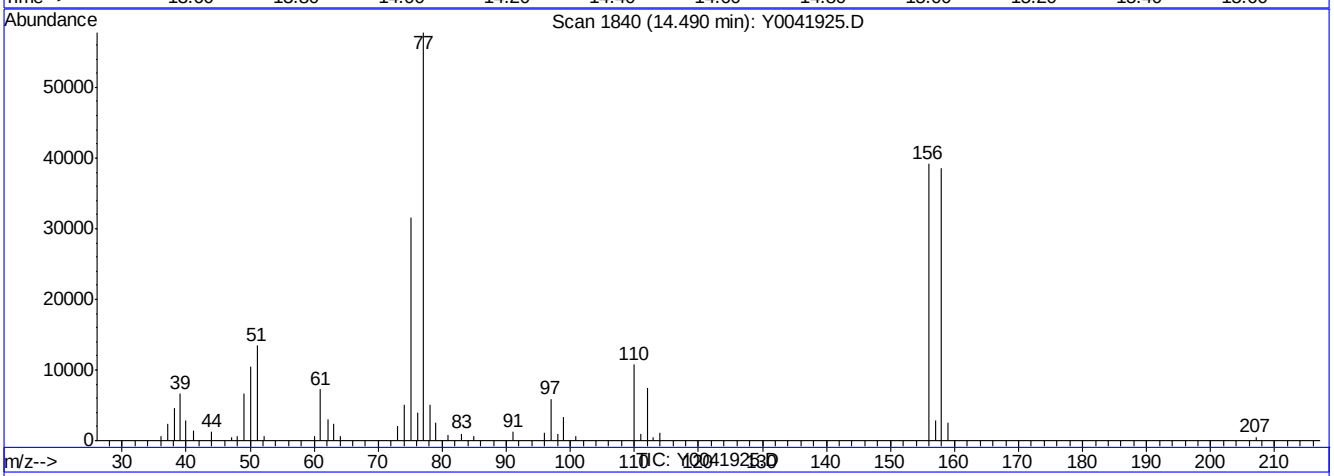
Y0041925.D VY2583AP9.M Tue Sep 07 11:59:04 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 27.13ug/kg

response 84712

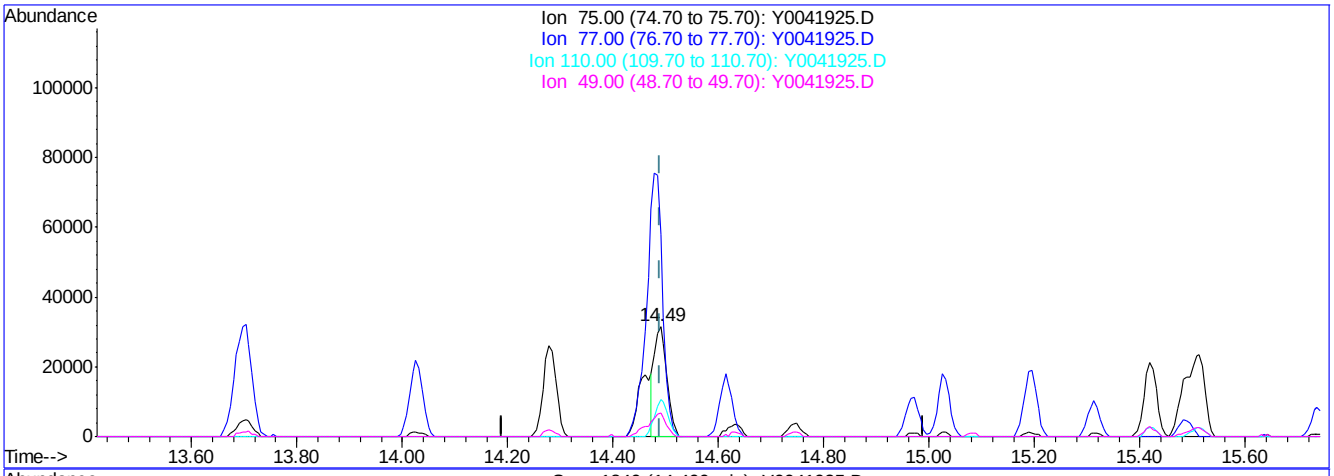
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	183.22
110.00	34.20	34.04
49.00	22.90	21.27

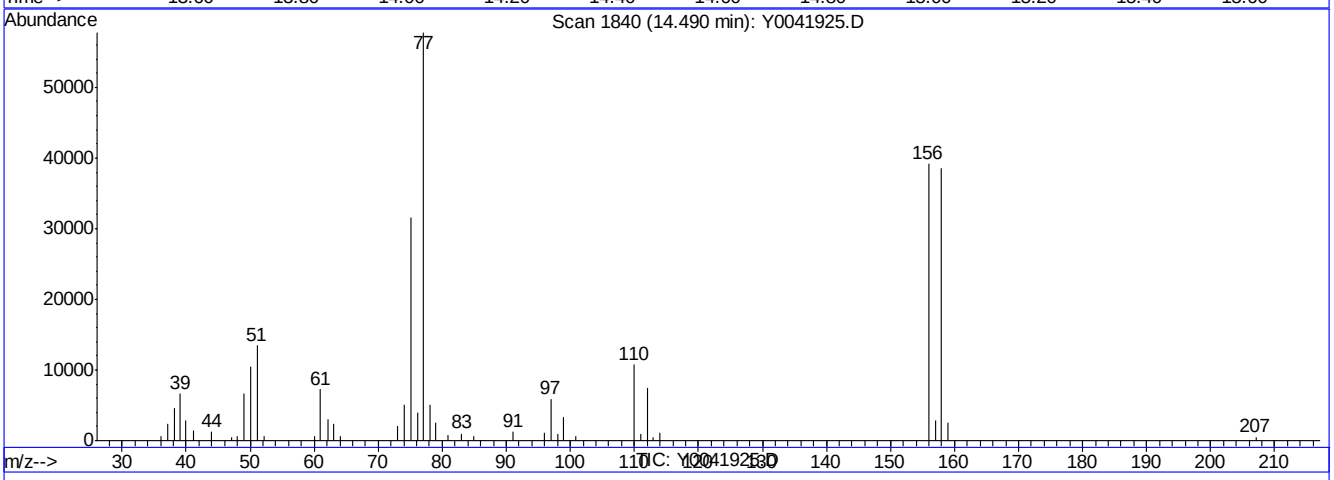
Y0041925.D VY2583AP9.M Tue Sep 07 11:59:10 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 16.38ug/kg m

response 51154

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	183.22
110.00	34.20	34.04
49.00	22.90	21.27

Y0041925.D VY2583AP9.M Tue Sep 07 11:59:17 2010

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001251.D
Acq On : 17 Aug 2010 4:30 pm
Operator : mikeh1
Sample : ic77-1
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 18 09:14:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:09:36 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	203667	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	150992	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	80956	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	80956	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	944	0.83	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 1.66%#			
46) 1,2-Dichloroethane-d4	5.138	65	1668	1.07	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 2.14%#			
64) Toluene-d8	6.900	98	3531	0.86	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 1.72%#			
85) 4-Bromofluorobenzene	9.448	95	1339	0.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 1.80%#			
Target Compounds						Qvalue
3) Chloromethane	1.462	50	1029	0.84	ug/L #	43
4) Vinyl Chloride	1.596	62	830	0.69	ug/L	91
5) Bromomethane	1.901	94	615	0.69	ug/L	71
6) Chloroethane	1.998	64	467	0.58	ug/L	63
7) Trichlorofluoromethane	2.297	101	477	0.28	ug/L	82
9) Ethyl Ether	2.559	59	911	0.90	ug/L	89
10) Acrolein	2.675	56	141	2.14	ug/L #	13
11) 1,1-Dichloroethene	2.778	61	1152	0.63	ug/L	93
12) Freon 113	2.809	101	575	0.49	ug/L #	72
13) Acetone	2.821	43	3639	8.57	ug/L	90
14) Iodomethane	2.913	142	1424	0.76	ug/L	87
15) Isopropyl Alcohol	2.986	45	805	14.10	ug/kg	57
16) Methyl Acetate	3.150	43	6690	4.94	ug/L	92
17) Carbon Disulfide	2.992	76	2202	0.66	ug/L	86
18) Methylene Chloride	3.248	49	3086	1.65	ug/L	86
19) Tert Butyl Alcohol	3.376	59	612	7.92	ug/L	86
20) Allyl Chloride	3.120	41	2501	0.97	ug/L	93
22) trans-1,2-Dichloroethene	3.498	61	1325	0.75	ug/L	97
23) Acrylonitrile	3.461	53	2181	4.69	ug/L	83
24) Methyl Tert Butyl Ether	3.510	73	2863	0.91	ug/L	93
25) Hexane	3.766	57	987	0.59	ug/L	81
26) 1,1-Dichloroethane	3.882	63	1730	0.81	ug/L	99
27) Vinyl Acetate	3.943	43	8771	4.14	ug/L	95
28) Di-isopropyl ether	3.973	45	3290	0.78	ug/L	96
29) Chloroprene	3.967	53	1658	0.85	ug/L	98
30) Ethyl tert-butyl ether	4.296	59	2785	0.84	ug/L	84
32) cis-1,2-Dichloroethene	4.412	96	1049	0.84	ug/L	85
33) Ethyl Acetate	4.498	43	6475	4.80	ug/L	93
34) 2-Butanone	4.431	43	2826	4.69	ug/L	97
36) Methacrylonitrile	4.613	41	4220	4.89	ug/L	92
37) Bromochloromethane	4.626	128	540	0.79	ug/L	87
38) Chloroform	4.699	83	2097	0.91	ug/kg	95
39) Tetrahydrofuran	4.680	42	215	0.57	ug/L #	58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001251.D
Acq On : 17 Aug 2010 4:30 pm
Operator : mikeh1
Sample : ic77-1
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 18 09:14:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:09:36 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 1,1,1-Trichloroethane	4.876	97	1040	0.59	ug/L		85
42) Cyclohexane	4.924	56	1072	0.54	ug/L		92
44) 1,1-Dichloropropene	5.022	75	1241	0.73	ug/L		82
45) Carbon Tetrachloride	5.016	117	969	0.58	ug/L		97
47) Benzene	5.199	78	3838	0.78	ug/L		99
48) Isobutyl Alcohol	5.132	43	185	4.60	ug/L	#	29
49) 1,2-Dichloroethane	5.205	62	1813	0.91	ug/L		93
50) tert-amyl methyl ether	5.314	73	2159	0.77	ug/L		75
51) Trichloroethene	5.778	95	944	0.74	ug/L		83
52) Methylcyclohexane	5.961	83	1079	0.54	ug/L		93
53) Methyl Methacrylate	6.089	41	1123	1.00	ug/L		87
54) 1,2-Dichloropropane	5.979	63	1083	0.86	ug/L		83
55) Dibromomethane	6.089	93	679	0.81	ug/kg		95
57) Bromodichloromethane	6.229	83	1364	0.83	ug/L		87
58) 2-Nitropropane	6.436	41	1280	4.13	ug/L		86
59) 2-Chloroethyl vinyl ether	6.515	63	5139	4.15	ug/L		86
60) 1-Bromo-2-Chloroethane	6.515	63	5139	0.83	ug/kg		98
61) 4-Methyl-2-pentanone	6.790	43	5151	3.94	ug/L		98
62) cis-1,3-Dichloropropene	6.643	75	1405	0.75	ug/L		96
65) Toluene	6.960	91	3908	0.75	ug/L		96
66) Ethyl Methacrylate	7.259	69	1104	0.77	ug/L		96
67) trans-1,3-Dichloropropene	7.156	75	1138	0.73	ug/L		90
68) 1,1,2-Trichloroethane	7.332	83	736	0.75	ug/L	#	71
69) Tetrachloroethene	7.479	166	1002	0.68	ug/L		95
70) 2-hexanone	7.576	43	3860	4.35	ug/L		92
71) 1,3-Dichloropropane	7.491	76	1877	0.93	ug/L		97
72) Dibromochloromethane	7.704	129	870	0.71	ug/L		79
73) 1,2-Dibromoethane	7.814	107	1015	0.86	ug/L		80
74) 1-Chlorohexane	8.283	91	1228	0.76	ug/L	#	46
75) Chlorobenzene	8.302	112	2923	0.84	ug/L		91
76) 1,1,1,2-Tetrachloroethane	8.387	131	877	0.73	ug/L		86
77) Ethylbenzene	8.418	91	4275	0.74	ug/L		97
78) m,p-Xylene	8.533	91	6263	1.40	ug/L		95
79) o-Xylene	8.930	91	3243	0.71	ug/L		95
80) Styrene	8.942	104	2615	0.71	ug/L		97
81) Bromoform	9.119	173	629	0.77	ug/L		79
83) Isopropylbenzene	9.302	105	3128	0.69	ug/L		95
86) Bromobenzene	9.600	156	1268	0.85	ug/L		81
87) 1,1,2,2-Tetrachloroethane	9.594	83	1260	0.87	ug/L		96
88) Trans-1,4-Dichloro-2-b...	9.655	53	325	0.90	ug/L	#	65
89) 1,2,3-Trichloropropane	9.643	110	402	0.90	ug/L	#	60
90) n-Propylbenzene	9.722	91	4409	0.69	ug/L		95
91) 2-Chlorotoluene	9.801	91	2973	0.78	ug/L		90
92) 4-Chlorotoluene	9.911	91	3243	0.73	ug/L		95
93) 1,3,5-Trimethylbenzene	9.905	105	2636	0.60	ug/L		95
94) Pentachloroethane	10.253	167	728	0.92	ug/L		90
95) sec-Butylbenzene	10.472	105	3694	0.63	ug/L		98
96) 1,3-Dichlorobenzene	10.570	146	2573	0.91	ug/L		97
97) 4-Isopropyltoluene	10.624	119	3067	0.64	ug/L		95
98) 1,4-Dichlorobenzene	10.667	146	2799	0.94	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001251.D
Acq On : 17 Aug 2010 4:30 pm
Operator : mikeh1
Sample : ic77-1
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 18 09:14:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:09:36 2010
Response via : Initial Calibration

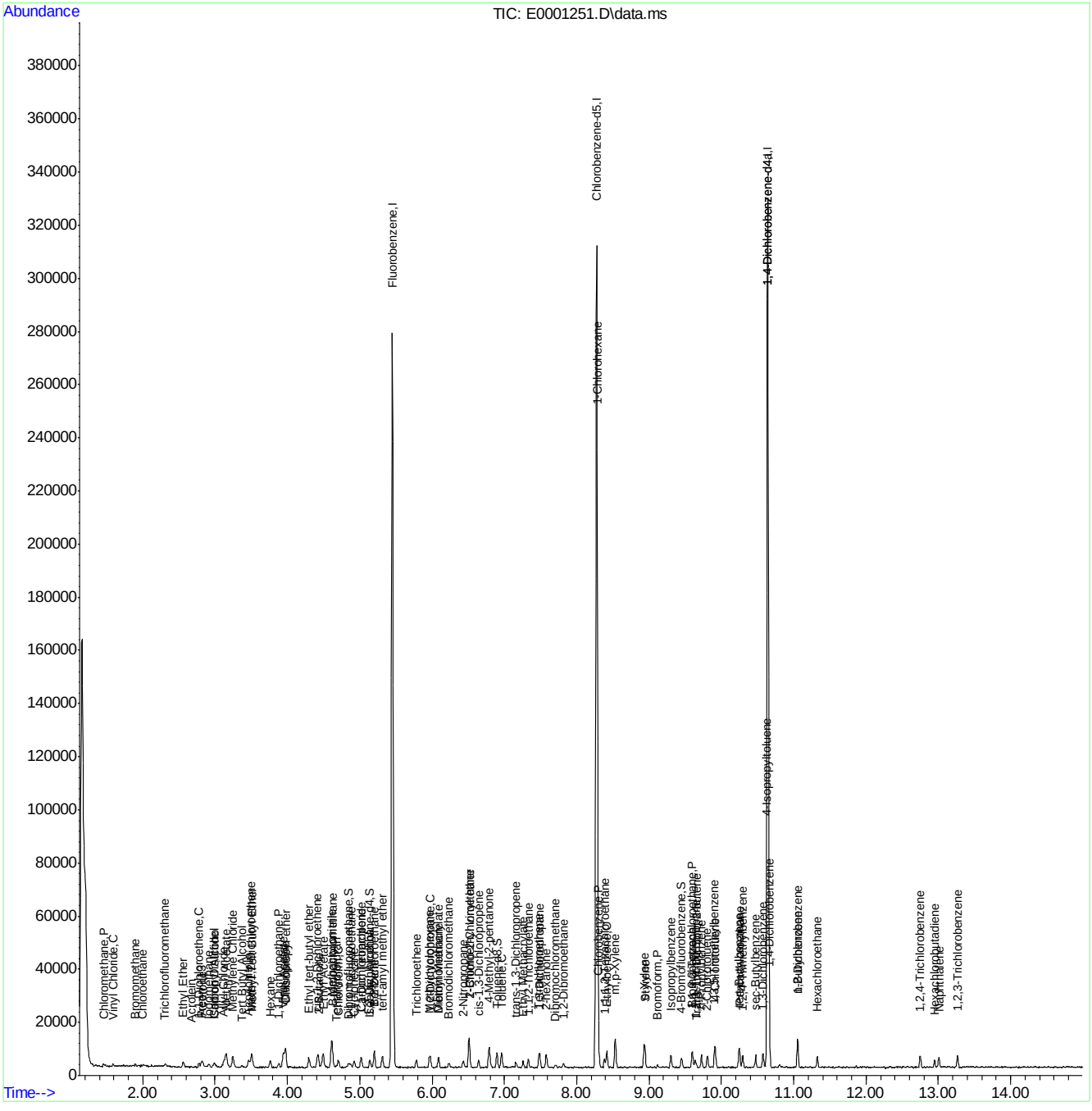
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
99)	tert-Butylbenzene	10.240	91	1810	0.70	ug/L		80
100)	n-Butylbenzene	11.051	91	3286	0.67	ug/L		96
101)	1,2-Dichlorobenzene	11.051	146	2381	0.86	ug/L		95
102)	1,2,4-Trimethylbenzene	10.295	105	3096	0.69	ug/L		93
103)	Hexachloroethane	11.326	119	616	0.78	ug/L	#	76
105)	1,2,4-Trichlorobenzene	12.752	180	1785	0.85	ug/L		91
106)	Hexachlorobutadiene	12.947	225	806	0.71	ug/L		85
107)	Naphthalene	13.008	128	3665	0.83	ug/L		100
108)	1,2,3-Trichlorobenzene	13.264	180	1751	0.87	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001251.D
Acq On : 17 Aug 2010 4:30 pm
Operator : mikeh1
Sample : ic77-1
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 18 09:14:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:09:36 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	204177	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	149855	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	82441	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	82441	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	2000	1.73	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 3.46%#			
46) 1,2-Dichloroethane-d4	5.138	65	3006	1.92	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 3.84%#			
64) Toluene-d8	6.899	98	7218	1.76	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 3.52%#			
85) 4-Bromofluorobenzene	9.448	95	2750	1.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 3.60%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.346	85	1857m	1.55	ug/L	
3) Chloromethane	1.461	50	2391	1.93	ug/L	98
4) Vinyl Chloride	1.583	62	2246	1.83	ug/L	93
5) Bromomethane	1.888	94	1585	1.76	ug/L	93
6) Chloroethane	2.004	64	1449	1.78	ug/L	96
7) Trichlorofluoromethane	2.284	101	3021	1.70	ug/L	84
9) Ethyl Ether	2.553	59	1999	1.97	ug/L	96
10) Acrolein	2.675	56	459	6.64	ug/L	99
11) 1,1-Dichloroethene	2.772	61	3592	1.96	ug/L	98
12) Freon 113	2.803	101	2240	1.87	ug/L	91
13) Acetone	2.821	43	5618	13.77	ug/L	99
14) Iodomethane	2.912	142	3526	1.86	ug/L	95
15) Isopropyl Alcohol	2.986	45	1031	17.78	ug/kg	67
16) Methyl Acetate	3.150	43	13579	10.02	ug/L	96
17) Carbon Disulfide	2.986	76	6113	1.79	ug/L	93
18) Methylene Chloride	3.242	49	4917	2.71	ug/L	96
19) Tert Butyl Alcohol	3.364	59	1383	17.71	ug/L	93
20) Allyl Chloride	3.114	41	4746	1.82	ug/L	90
21) Acetonitrile	3.114	41	4746	9.11	ug/L	88
22) trans-1,2-Dichloroethene	3.492	61	3504	1.97	ug/L	96
23) Acrylonitrile	3.461	53	4550	9.71	ug/L	89
24) Methyl Tert Butyl Ether	3.510	73	5725	1.81	ug/L	91
25) Hexane	3.760	57	2953	1.72	ug/L	97
26) 1,1-Dichloroethane	3.882	63	4092	1.89	ug/L	93
27) Vinyl Acetate	3.937	43	18167	8.48	ug/L	97
28) Di-isopropyl ether	3.967	45	7802	1.83	ug/L	95
29) Chloroprene	3.967	53	3419	1.72	ug/L	94
30) Ethyl tert-butyl ether	4.296	59	5736	1.72	ug/L	96
31) 2,2-Dichloropropane	4.412	77	2471	1.71	ug/L	92
32) cis-1,2-Dichloroethene	4.406	96	2482	1.98	ug/L	95
33) Ethyl Acetate	4.491	43	12902	9.52	ug/L	96
34) 2-Butanone	4.424	43	6143	10.21	ug/L	94
36) Methacrylonitrile	4.613	41	8309m	9.58	ug/L	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Bromochloromethane	4.619	128	1203	1.73	ug/L #	77
38) Chloroform	4.699	83	4509	1.95	ug/kg	96
39) Tetrahydrofuran	4.674	42	630	1.62	ug/L #	63
40) 1,1,1-Trichloroethane	4.869	97	3177	1.77	ug/L	95
42) Cyclohexane	4.924	56	3674	1.81	ug/L	95
44) 1,1-Dichloropropene	5.016	75	3205	1.86	ug/L	98
45) Carbon Tetrachloride	5.016	117	2877	1.69	ug/L	89
47) Benzene	5.199	78	9334	1.88	ug/L	98
48) Isobutyl Alcohol	5.138	43	639	15.59	ug/L	80
49) 1,2-Dichloroethane	5.205	62	3802	1.89	ug/L	98
50) tert-amyl methyl ether	5.308	73	4813	1.70	ug/L	94
51) Trichloroethene	5.784	95	2405	1.88	ug/L	88
52) Methylcyclohexane	5.961	83	3667	1.79	ug/L	94
53) Methyl Methacrylate	6.095	41	1700	1.47	ug/L	84
54) 1,2-Dichloropropane	5.979	63	2241	1.75	ug/L	91
55) Dibromomethane	6.083	93	1567	1.85	ug/kg	91
57) Bromodichloromethane	6.223	83	2908	1.76	ug/L	97
58) 2-Nitropropane	6.430	41	2470	7.97	ug/L	95
59) 2-Chloroethyl vinyl ether	6.509	63	10935	8.73	ug/L	98
60) 1-Bromo-2-Chloroethane	6.509	63	10935	1.75	ug/kg	97
61) 4-Methyl-2-pentanone	6.790	43	11732	8.90	ug/L	96
62) cis-1,3-Dichloropropene	6.643	75	3103	1.63	ug/L	94
65) Toluene	6.960	91	9890	1.89	ug/L	98
66) Ethyl Methacrylate	7.253	69	2071	1.44	ug/L	95
67) trans-1,3-Dichloropropene	7.162	75	2346	1.50	ug/L	92
68) 1,1,2-Trichloroethane	7.332	83	1983	2.05	ug/L	85
69) Tetrachloroethene	7.479	166	2914	2.00	ug/L	93
70) 2-hexanone	7.576	43	7249	8.09	ug/L	99
71) 1,3-Dichloropropane	7.491	76	3919	1.95	ug/L	94
72) Dibromochloromethane	7.716	129	2013	1.64	ug/L	82
73) 1,2-Dibromoethane	7.820	107	2246	1.92	ug/L	87
74) 1-Chlorohexane	8.289	91	2976	1.84	ug/L	88
75) Chlorobenzene	8.308	112	6996	2.04	ug/L	94
76) 1,1,1,2-Tetrachloroethane	8.387	131	2056	1.71	ug/L	92
77) Ethylbenzene	8.417	91	10302	1.76	ug/L	96
78) m,p-Xylene	8.533	91	15534	3.44	ug/L	94
79) o-Xylene	8.923	91	8148	1.79	ug/L	88
80) Styrene	8.936	104	6060	1.63	ug/L	92
81) Bromoform	9.118	173	1217	1.49	ug/L	85
83) Isopropylbenzene	9.301	105	8214	1.74	ug/L	97
86) Bromobenzene	9.600	156	2962	1.94	ug/L	88
87) 1,1,2,2-Tetrachloroethane	9.600	83	2891	1.94	ug/L	82
88) Trans-1,4-Dichloro-2-b...	9.655	53	532	1.43	ug/L #	61
89) 1,2,3-Trichloropropane	9.637	110	857	1.87	ug/L	89
90) n-Propylbenzene	9.722	91	11422	1.73	ug/L	95
91) 2-Chlorotoluene	9.801	91	7172	1.83	ug/L	98
92) 4-Chlorotoluene	9.917	91	7963	1.73	ug/L	90
93) 1,3,5-Trimethylbenzene	9.911	105	7302	1.59	ug/L	85
94) Pentachloroethane	10.252	167	1273	1.55	ug/L	67
95) sec-Butylbenzene	10.472	105	10136	1.65	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
96)	1,3-Dichlorobenzene	10.576	146	5610	1.93	ug/L		96
97)	4-Isopropyltoluene	10.624	119	8137	1.63	ug/L		97
98)	1,4-Dichlorobenzene	10.667	146	6260	2.06	ug/L		95
99)	tert-Butylbenzene	10.246	91	4600	1.73	ug/L		89
100)	n-Butylbenzene	11.051	91	8245	1.62	ug/L		95
101)	1,2-Dichlorobenzene	11.057	146	5251	1.85	ug/L		98
102)	1,2,4-Trimethylbenzene	10.295	105	7595	1.62	ug/L		98
103)	Hexachloroethane	11.325	119	1381	1.71	ug/L		94
104)	1,2-Dibromo-3-Chloropr...	11.868	75	474	1.95	ug/L	#	71
105)	1,2,4-Trichlorobenzene	12.752	180	4137	1.94	ug/L		95
106)	Hexachlorobutadiene	12.941	225	2299	1.96	ug/L		95
107)	Naphthalene	13.008	128	7566	1.66	ug/L		100
108)	1,2,3-Trichlorobenzene	13.264	180	3939	1.92	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

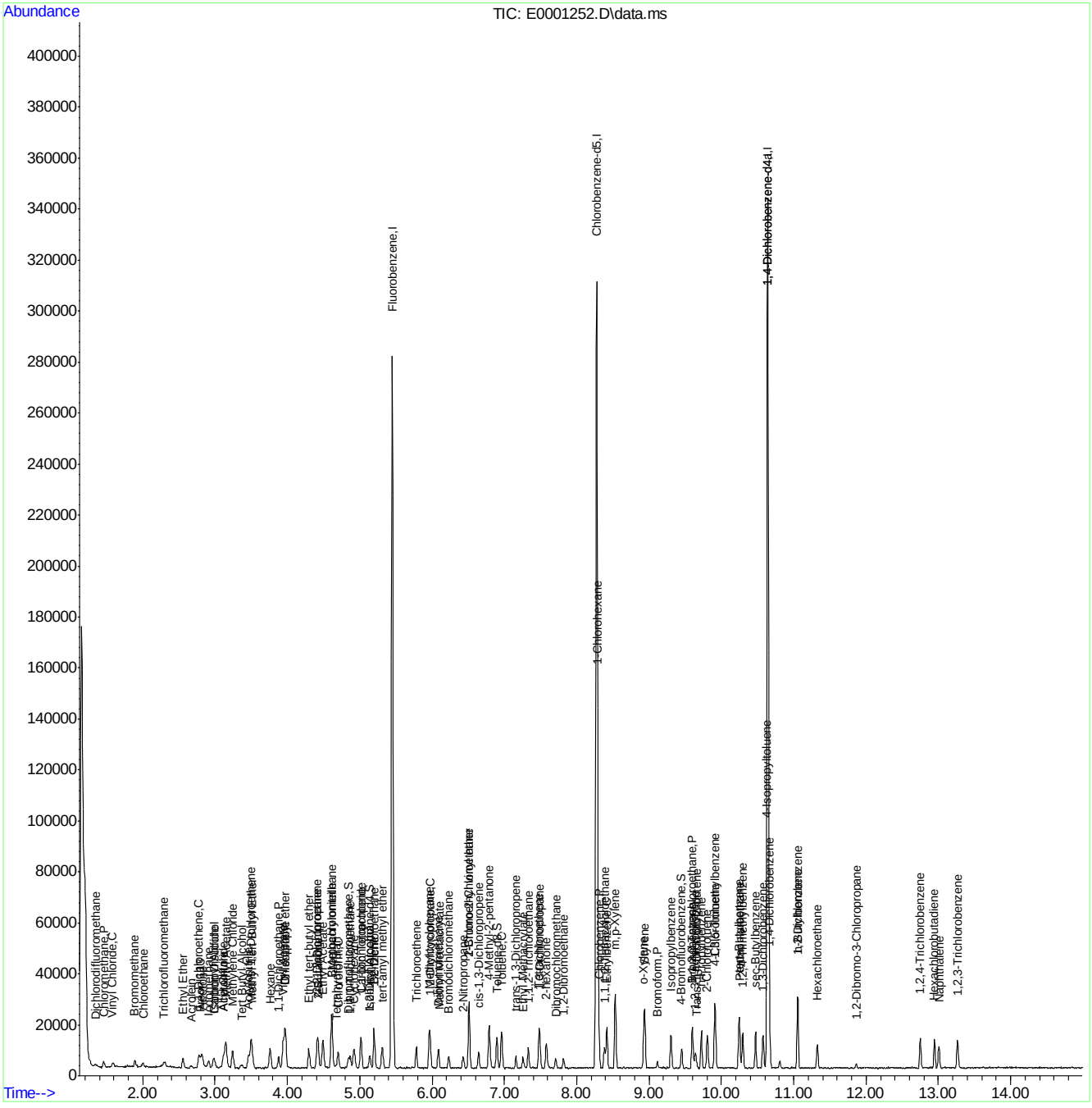
6.6.2

6

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

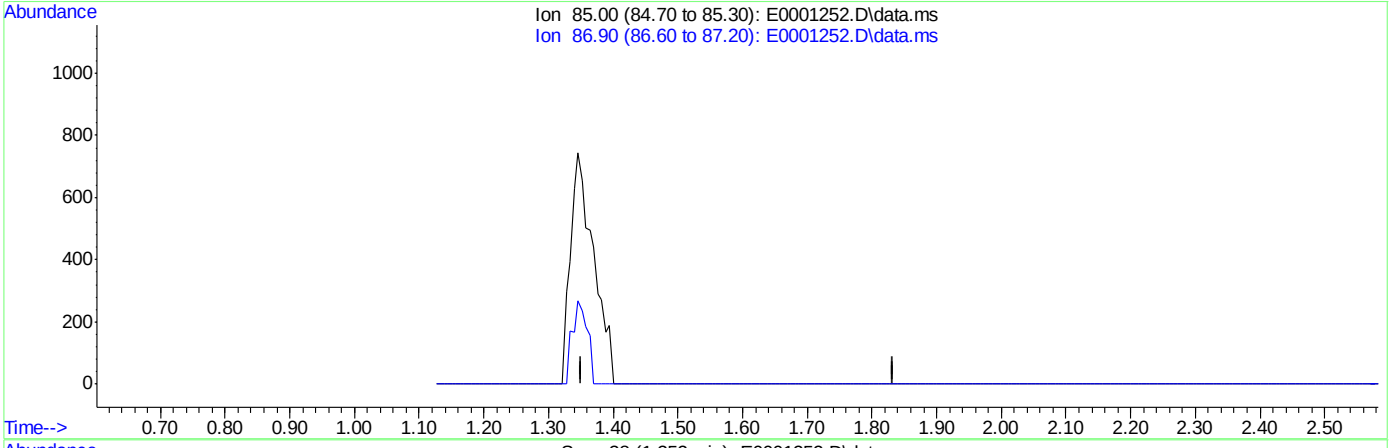
Quant Time: Aug 18 09:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration

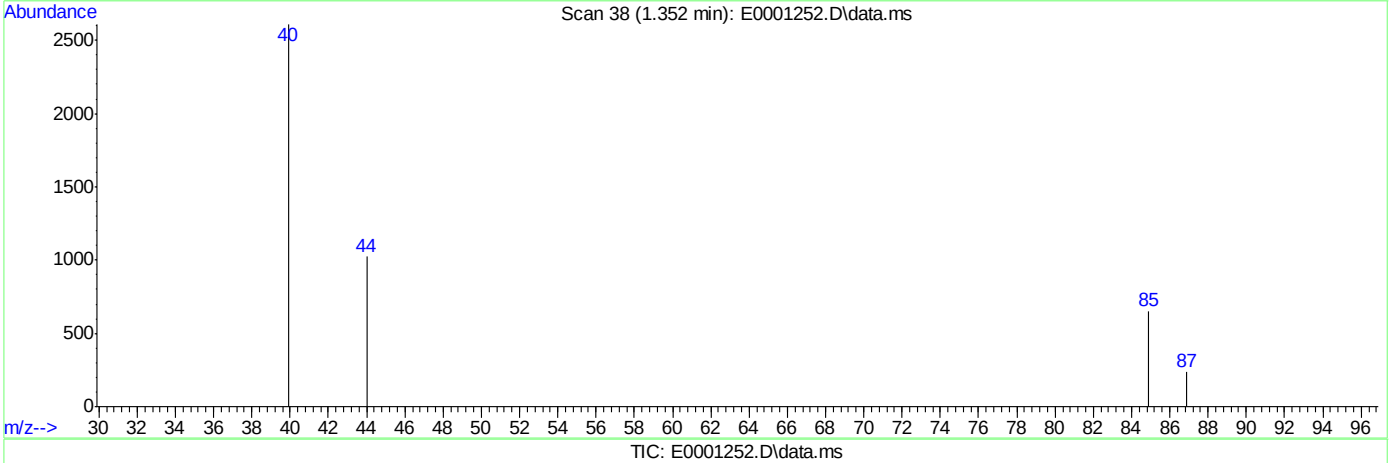


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:05:15 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration





TIC: E0001252.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

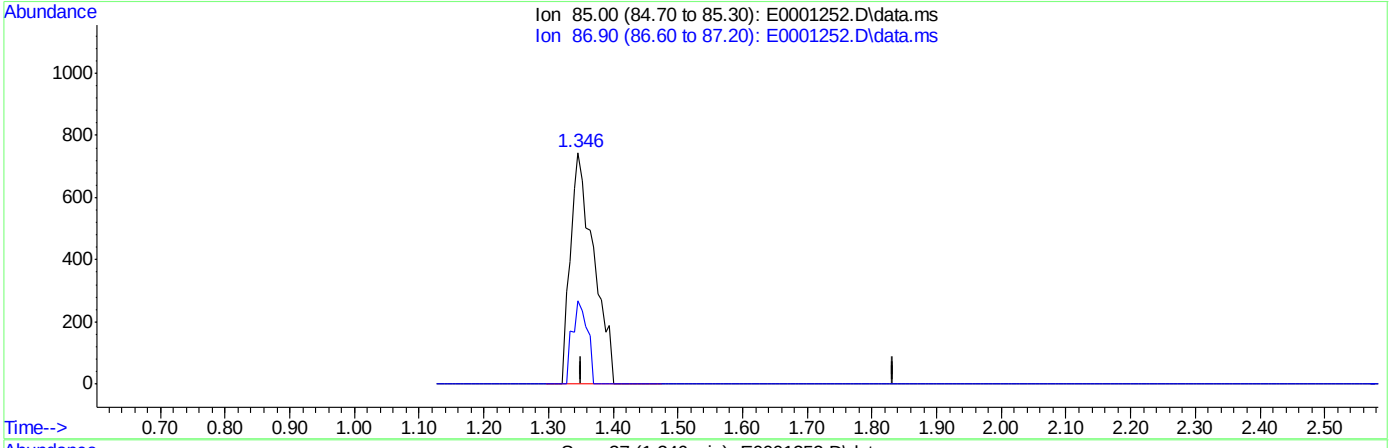
response 0

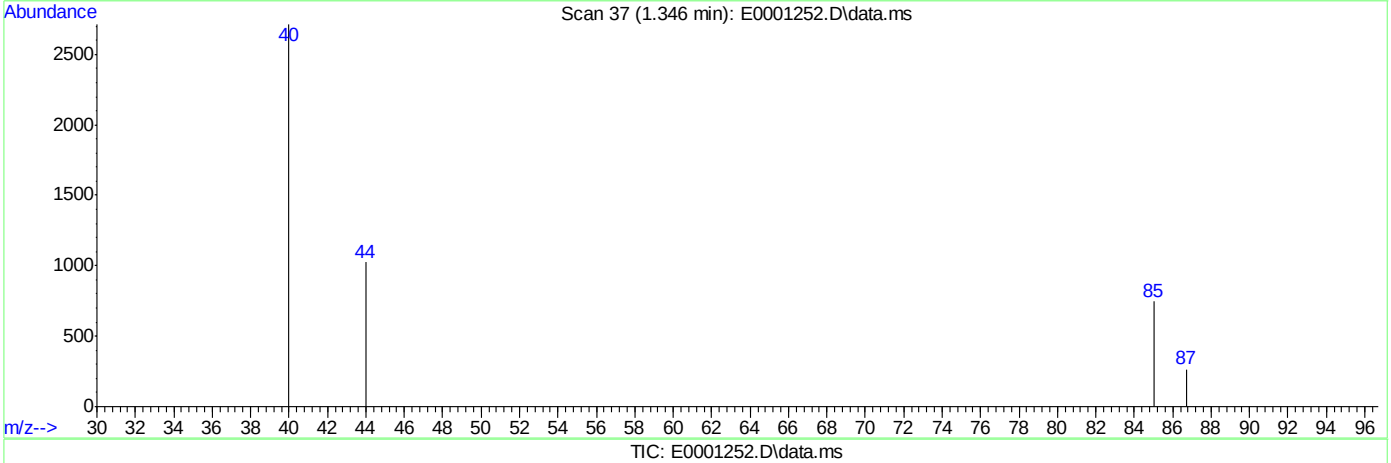
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:05:15 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration





TIC: E0001252.D\data.ms

(2) Dichlorodifluoromethane

1.346min (-0.006) 1.55ug/L m

response 1857

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	35.70
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On    : 17 Aug 2010   4:54 pm
Operator  : mikeh1
Sample    : ic77-2
Misc      : ms8282,VE077,5,,,5,,Water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Aug 18 09:05:15 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title  : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration
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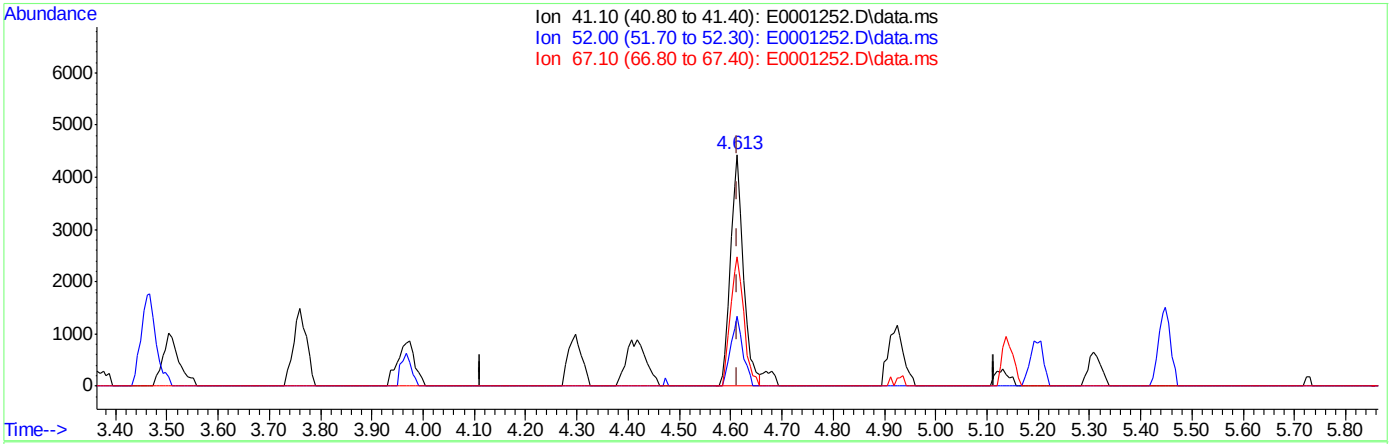
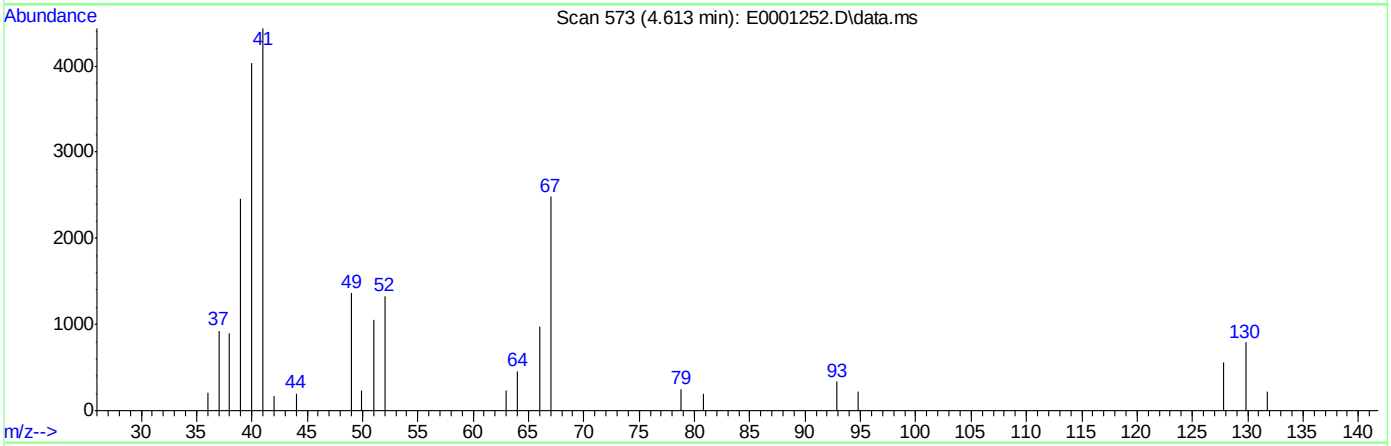




TIC: E0001252.D\data.ms

(36) Methacrylonitrile

4.613min (-0.000) 9.06ug/L

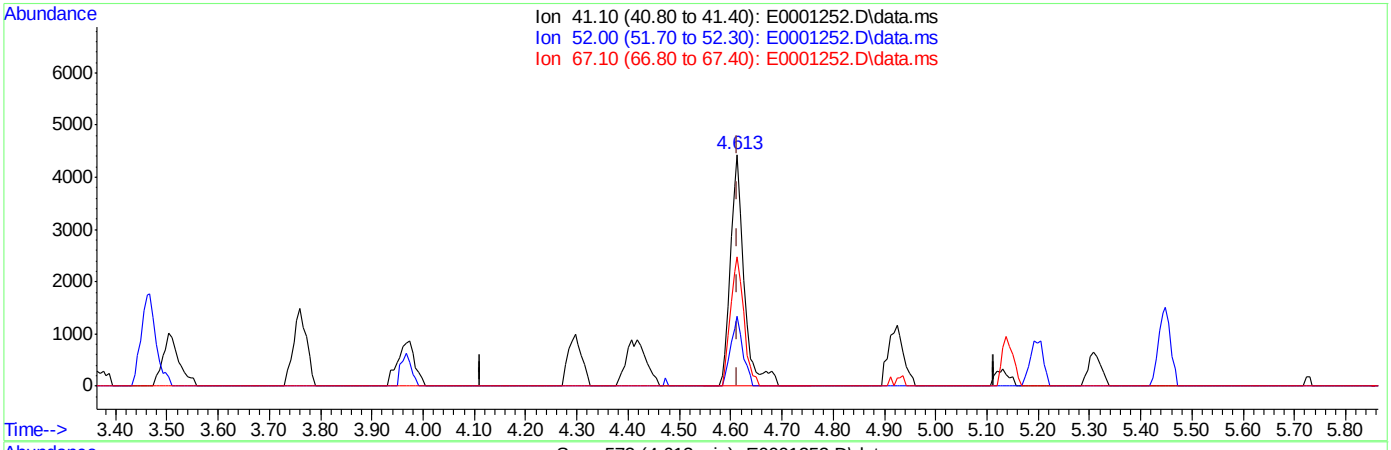
response 7855

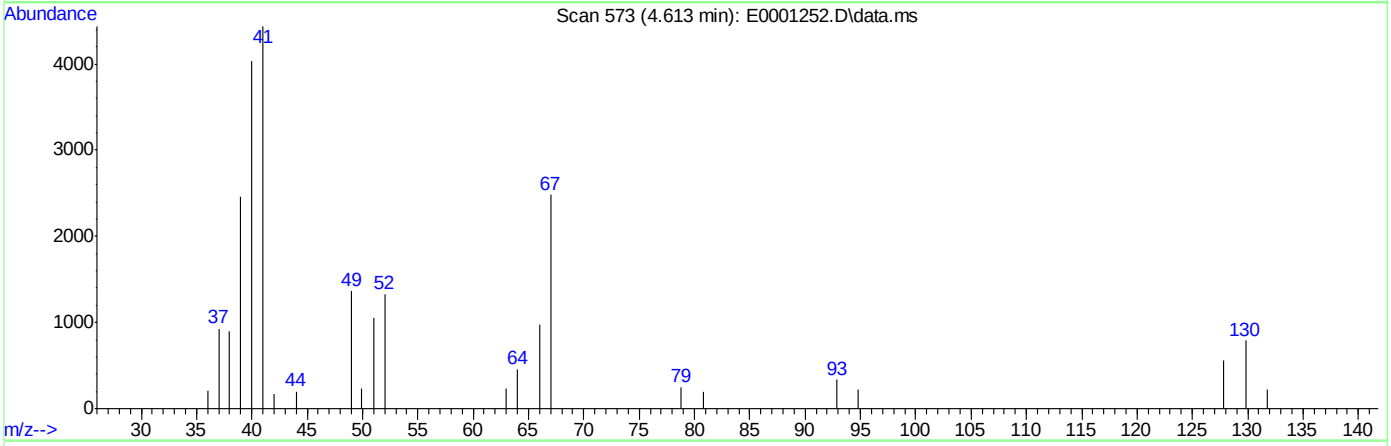
Ion	Exp%	Act%
41.10	100	100
52.00	27.10	30.00
67.10	60.30	55.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001252.D
Acq On : 17 Aug 2010 4:54 pm
Operator : mikeh1
Sample : ic77-2
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 18 09:05:15 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:05:05 2010
Response via : Initial Calibration





TIC: E0001252.D\data.ms

(36) Methacrylonitrile

4.613min (-0.000) 9.58ug/L m

response 8309

Ion	Exp%	Act%
41.10	100	100
52.00	27.10	30.00
67.10	60.30	55.94
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 09:00:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.448	96	205188	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	152671	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	84306	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	84306	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	5461	4.64	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 9.28%#			
46) 1,2-Dichloroethane-d4	5.138	65	7635	4.81	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 9.62%#			
64) Toluene-d8	6.899	98	19875	4.68	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 9.36%#			
85) 4-Bromofluorobenzene	9.454	95	7334	4.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 9.28%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.352	85	6046m	4.97	ug/L	
3) Chloromethane	1.461	50	6443	5.20	ug/L	93
4) Vinyl Chloride	1.596	62	6046	4.81	ug/L	92
5) Bromomethane	1.894	94	4379	4.80	ug/L	91
6) Chloroethane	2.004	64	4097	5.02	ug/L	95
7) Trichlorofluoromethane	2.303	101	8613	4.74	ug/L	100
9) Ethyl Ether	2.559	59	5013	4.87	ug/L	96
10) Acrolein	2.675	56	1664	23.70	ug/L	98
11) 1,1-Dichloroethene	2.778	61	9030	4.82	ug/L	96
12) Freon 113	2.809	101	6190	5.10	ug/L	88
13) Acetone	2.821	43	11897	29.62	ug/L	100
14) Iodomethane	2.912	142	9313	4.82	ug/L	92
15) Isopropyl Alcohol	2.986	45	2877	48.49	ug/kg	64
16) Methyl Acetate	3.150	43	33845	24.59	ug/L	99
17) Carbon Disulfide	2.986	76	16985	4.91	ug/L	91
18) Methylene Chloride	3.242	49	10588	5.96	ug/L	96
19) Tert Butyl Alcohol	3.364	59	3920	49.75	ug/L	88
20) Allyl Chloride	3.120	41	12609	4.76	ug/L	96
21) Acetonitrile	3.120	41	12609	23.78	ug/L	93
22) trans-1,2-Dichloroethene	3.498	61	9018	5.02	ug/L	95
23) Acrylonitrile	3.461	53	11338	23.66	ug/L	99
24) Methyl Tert Butyl Ether	3.510	73	15037	4.69	ug/L	97
25) Hexane	3.760	57	8657	4.97	ug/L	96
26) 1,1-Dichloroethane	3.882	63	10505	4.78	ug/L	94
27) Vinyl Acetate	3.943	43	47199	21.46	ug/L	97
28) Di-isopropyl ether	3.967	45	19836	4.53	ug/L	95
29) Chloroprene	3.967	53	9213	4.52	ug/L	98
30) Ethyl tert-butyl ether	4.296	59	15431	4.53	ug/L	94
31) 2,2-Dichloropropane	4.412	77	6616	4.45	ug/L	98
32) cis-1,2-Dichloroethene	4.412	96	6145	4.84	ug/L	94
33) Ethyl Acetate	4.491	43	33105	24.02	ug/L	97
34) 2-Butanone	4.424	43	15108	24.82	ug/L	99
35) Propionitrile	4.473	54	4221	23.51	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 09:00:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Methacrylonitrile	4.613	41	21709m	24.79	ug/L	
37) Bromochloromethane	4.625	128	3370	4.78	ug/L	92
38) Chloroform	4.699	83	11492	4.89	ug/kg	96
39) Tetrahydrofuran	4.668	42	1883	4.68	ug/L	95
40) 1,1,1-Trichloroethane	4.869	97	8434	4.58	ug/L	95
42) Cyclohexane	4.924	56	9709	4.69	ug/L	99
43) n-Butyl Alcohol	5.723	56	722	33.74	ug/L	80
44) 1,1-Dichloropropene	5.016	75	8522	4.89	ug/L	97
45) Carbon Tetrachloride	5.022	117	8123	4.69	ug/L	94
47) Benzene	5.199	78	24435	4.86	ug/L	99
48) Isobutyl Alcohol	5.138	43	1795	42.73	ug/L	90
49) 1,2-Dichloroethane	5.205	62	9903	4.83	ug/L	94
50) tert-amyl methyl ether	5.308	73	12354	4.28	ug/L	85
51) Trichloroethene	5.778	95	6195	4.75	ug/L	97
52) Methylcyclohexane	5.967	83	10127	4.87	ug/L	96
53) Methyl Methacrylate	6.095	41	5265	4.45	ug/L	93
54) 1,2-Dichloropropane	5.979	63	6147	4.71	ug/L	95
55) Dibromomethane	6.082	93	4196	4.87	ug/kg	97
56) 1,4-Dioxane	6.101	88	979	77.17	ug/L	74
57) Bromodichloromethane	6.229	83	7661	4.53	ug/L	99
58) 2-Nitropropane	6.430	41	6203	19.34	ug/L	95
59) 2-Chloroethyl vinyl ether	6.509	63	28786	22.40	ug/L	96
60) 1-Bromo-2-Chloroethane	6.509	63	28786	4.48	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	30163	22.24	ug/L	97
62) cis-1,3-Dichloropropene	6.643	75	7944	4.03	ug/L	90
65) Toluene	6.960	91	25812	4.79	ug/L	96
66) Ethyl Methacrylate	7.259	69	6066	4.00	ug/L	92
67) trans-1,3-Dichloropropene	7.162	75	6281	3.79	ug/L	93
68) 1,1,2-Trichloroethane	7.332	83	4639	4.60	ug/L	98
69) Tetrachloroethene	7.479	166	7361	4.88	ug/L	97
70) 2-hexanone	7.576	43	20253	21.49	ug/L	97
71) 1,3-Dichloropropane	7.491	76	10021	4.82	ug/L	97
72) Dibromochloromethane	7.710	129	5619	4.39	ug/L	92
73) 1,2-Dibromoethane	7.820	107	5375	4.38	ug/L	100
74) 1-Chlorohexane	8.289	91	7800	4.66	ug/L	88
75) Chlorobenzene	8.302	112	17095	4.82	ug/L	98
76) 1,1,1,2-Tetrachloroethane	8.387	131	5740	4.61	ug/L	96
77) Ethylbenzene	8.417	91	27830	4.57	ug/L	100
78) m,p-Xylene	8.533	91	42206	8.99	ug/L	96
79) o-Xylene	8.929	91	20811	4.38	ug/L	98
80) Styrene	8.942	104	16621	4.25	ug/L	97
81) Bromoform	9.112	173	3423	3.99	ug/L	99
83) Isopropylbenzene	9.301	105	22212	4.51	ug/L	96
86) Bromobenzene	9.606	156	7213	4.52	ug/L	97
87) 1,1,2,2-Tetrachloroethane	9.600	83	7721	5.05	ug/L	100
88) Trans-1,4-Dichloro-2-b...	9.655	53	1603	4.12	ug/L #	65
89) 1,2,3-Trichloropropane	9.643	110	2335	4.93	ug/L	91
90) n-Propylbenzene	9.722	91	31579	4.60	ug/L	98
91) 2-Chlorotoluene	9.807	91	18853	4.61	ug/L	99
92) 4-Chlorotoluene	9.917	91	21937	4.55	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 09:00:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration

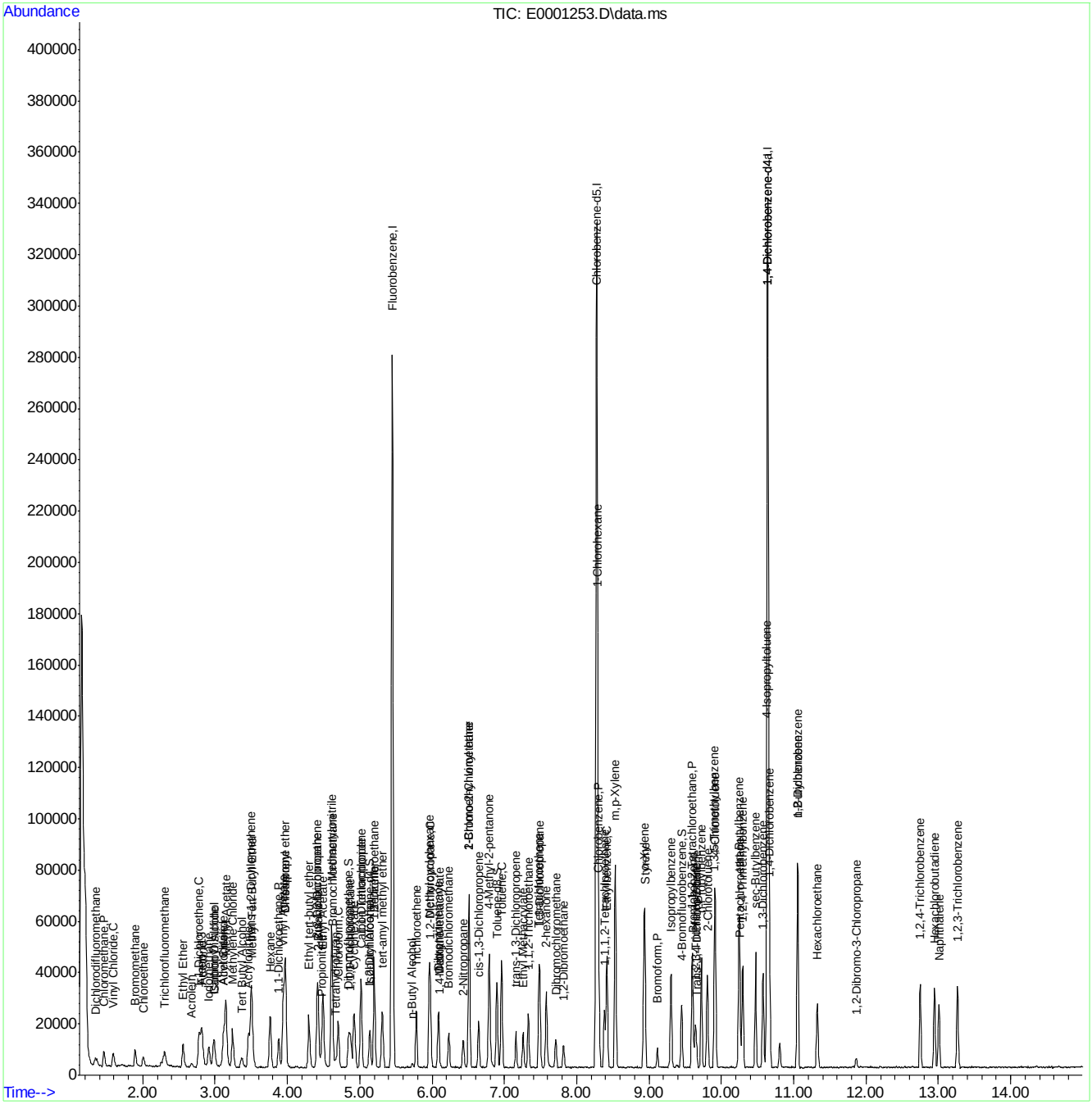
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93)	1,3,5-Trimethylbenzene	9.905	105	21054	4.39	ug/L	95
94)	Pentachloroethane	10.259	167	3631	4.23	ug/L	83
95)	sec-Butylbenzene	10.472	105	29594	4.64	ug/L	95
96)	1,3-Dichlorobenzene	10.576	146	14515	4.83	ug/L	96
97)	4-Isopropyltoluene	10.624	119	23246	4.46	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	15352	4.92	ug/L	95
99)	tert-Butylbenzene	10.246	91	12472	4.51	ug/L	95
100)	n-Butylbenzene	11.051	91	23914	4.52	ug/L	97
101)	1,2-Dichlorobenzene	11.051	146	14614	5.01	ug/L	99
102)	1,2,4-Trimethylbenzene	10.295	105	21079	4.28	ug/L	96
103)	Hexachloroethane	11.325	119	3740	4.46	ug/L	89
104)	1,2-Dibromo-3-Chloropr...	11.868	75	1047	4.07	ug/L	88
105)	1,2,4-Trichlorobenzene	12.752	180	10366	4.70	ug/L	90
106)	Hexachlorobutadiene	12.947	225	6105	5.09	ug/L	98
107)	Naphthalene	13.008	128	20388	4.26	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	10124	4.77	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

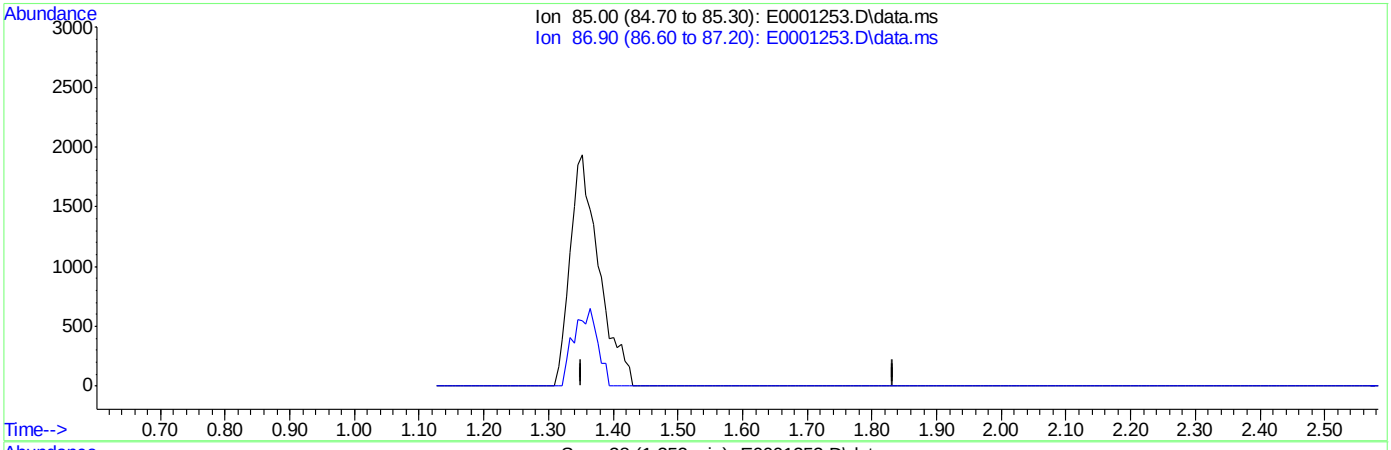
Quant Time: Aug 18 09:00:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration

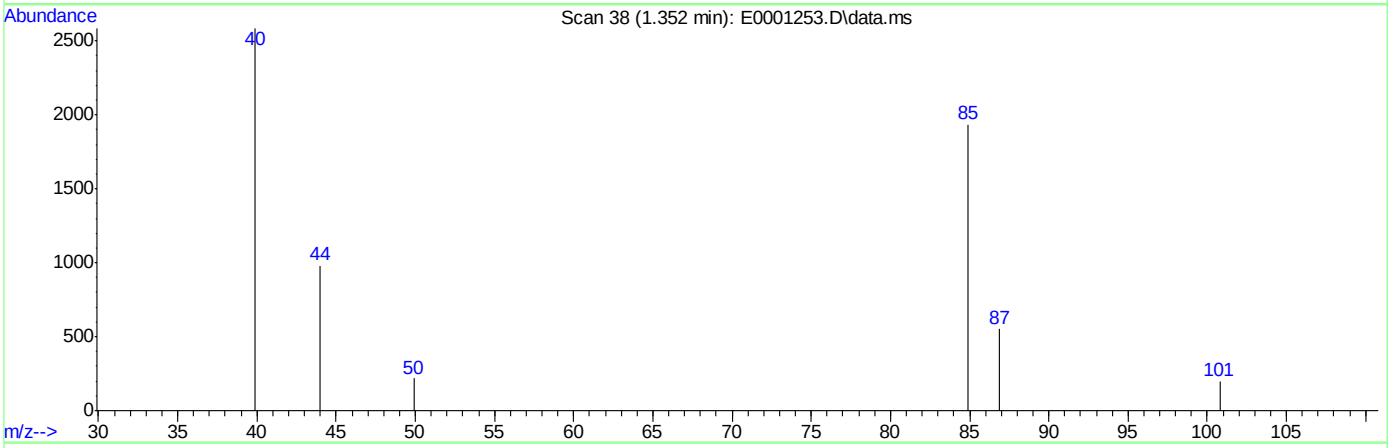


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 08:53:58 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration





TIC: E0001253.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

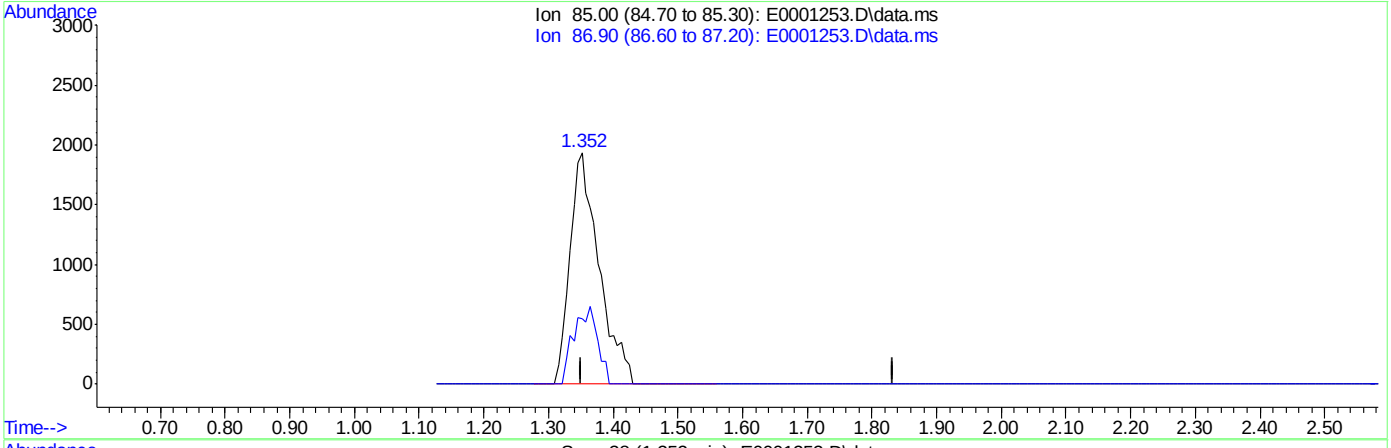
response 0

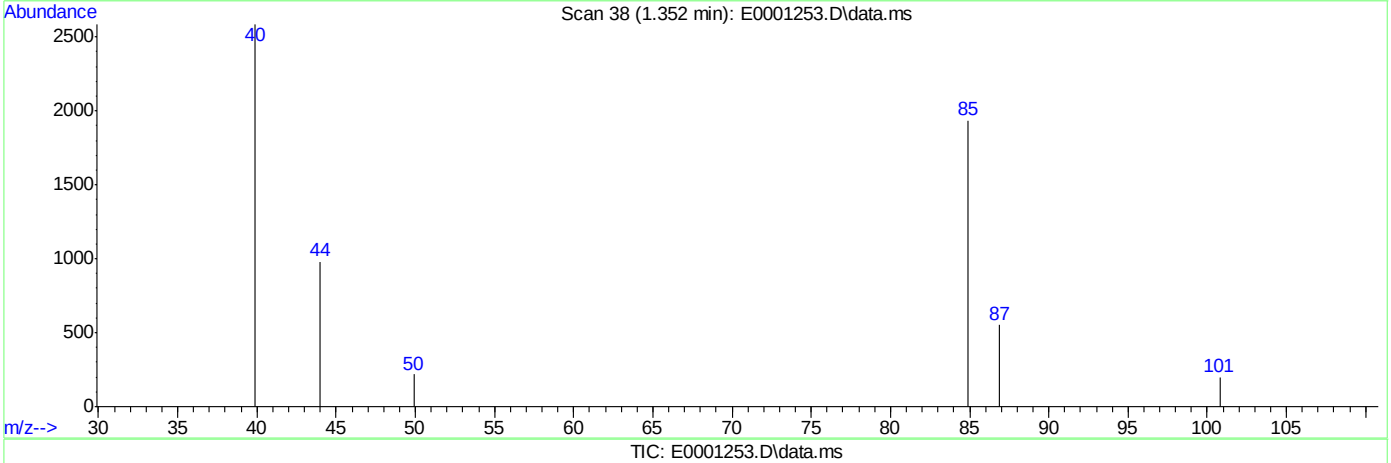
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 08:53:58 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration





TIC: E0001253.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-0.000) 4.97ug/L m

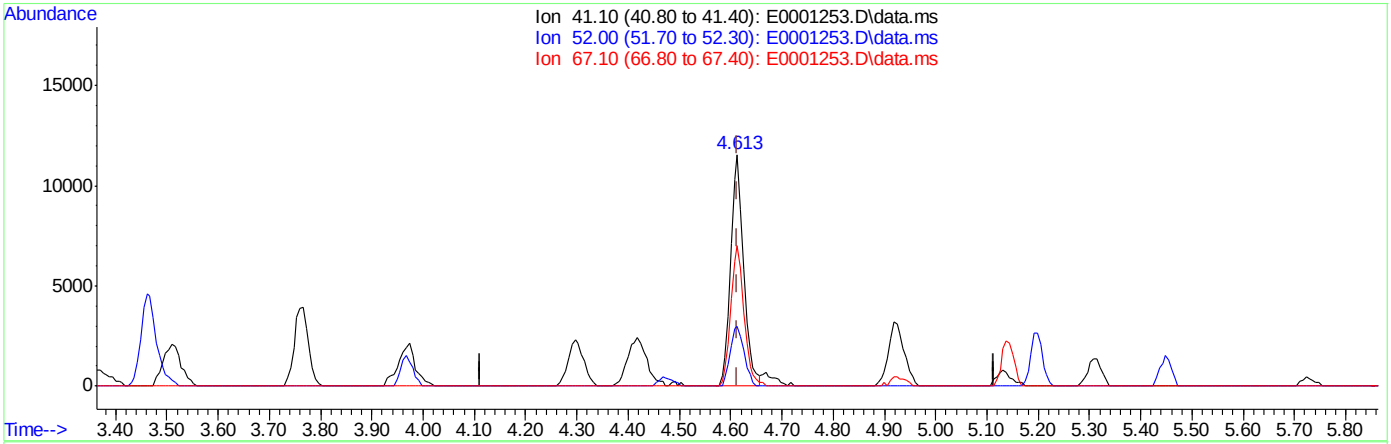
response 6046

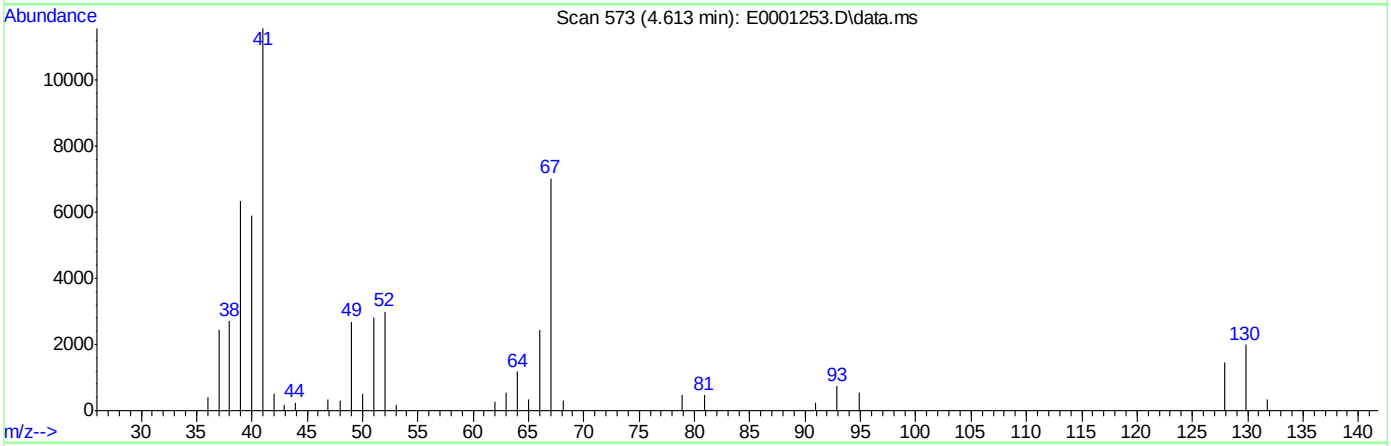
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	28.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 08:53:58 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration





TIC: E0001253.D\data.ms

(36) Methacrylonitrile

4.613min (-0.000) 23.41ug/L

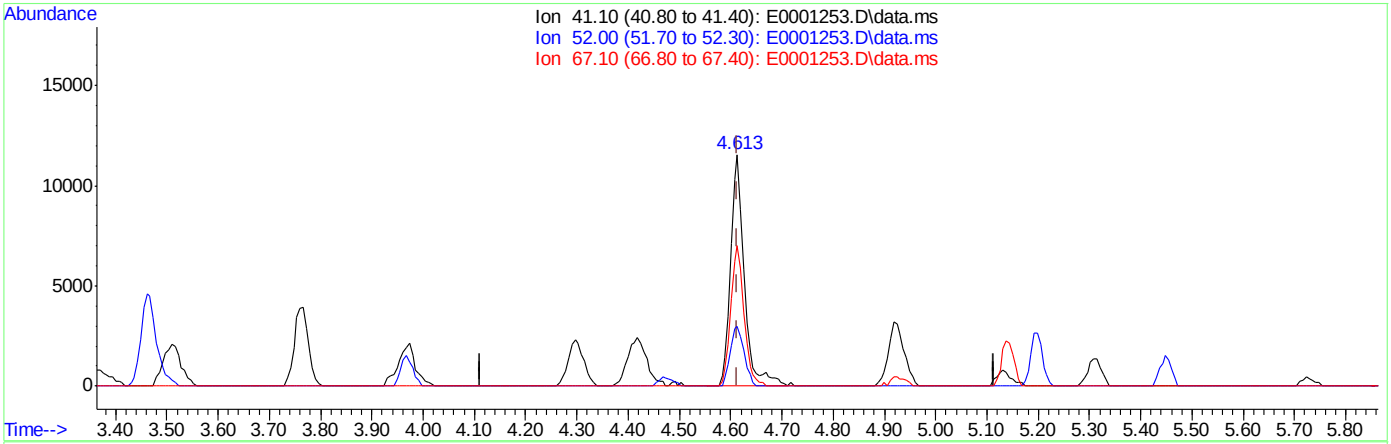
response 20499

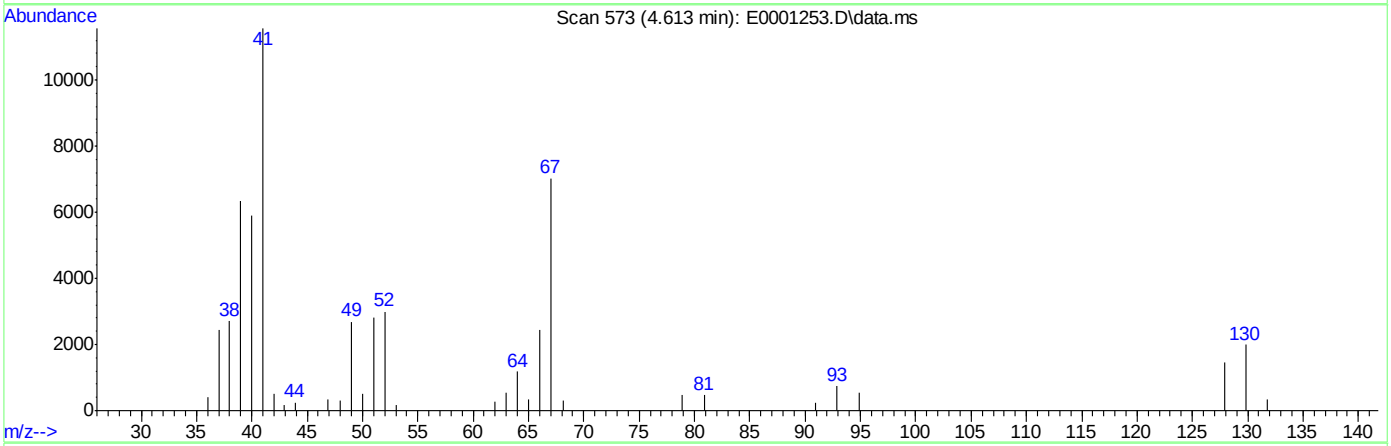
Ion	Exp%	Act%
41.10	100	100
52.00	27.10	25.83
67.10	60.30	60.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001253.D
Acq On : 17 Aug 2010 5:17 pm
Operator : mikeh1
Sample : ic77-5
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 18 08:53:58 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:53:48 2010
Response via : Initial Calibration





TIC: E0001253.D\data.ms

(36) Methacrylonitrile

4.613min (-0.000) 24.79ug/L m

response 21709

Ion	Exp%	Act%
41.10	100	100
52.00	27.10	25.83
67.10	60.30	60.81
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 08:51:30 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	208151	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	156520	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	87218	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	87218	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	22588	17.93	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 35.86%#			
46) 1,2-Dichloroethane-d4	5.144	65	31354	18.78	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 37.56%#			
64) Toluene-d8	6.899	98	83080	18.27	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 36.54%#			
85) 4-Bromofluorobenzene	9.454	95	32053	19.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 38.06%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.364	85	24794m	19.65	ug/L	
3) Chloromethane	1.480	50	24392	18.61	ug/L	97
4) Vinyl Chloride	1.608	62	25140	18.89	ug/L	100
5) Bromomethane	1.907	94	18244	19.26	ug/L	97
6) Chloroethane	2.010	64	16090	18.59	ug/L	95
7) Trichlorofluoromethane	2.309	101	35981	18.60	ug/L	98
8) Ethyl Alcohol	2.474	45	1268	181.42	ug/kg#	41
9) Ethyl Ether	2.565	59	21620	20.80	ug/L	96
10) Acrolein	2.681	56	7204	99.72	ug/L	96
11) 1,1-Dichloroethene	2.784	61	39735	20.78	ug/L	94
12) Freon 113	2.821	101	25968	21.00	ug/L	97
13) Acetone	2.833	43	43034	105.90	ug/L	96
14) Iodomethane	2.919	142	40392	20.45	ug/L	97
15) Isopropyl Alcohol	2.998	45	11511	179.19	ug/kg	89
16) Methyl Acetate	3.156	43	143837	101.62	ug/L	99
17) Carbon Disulfide	2.998	76	71942	20.41	ug/L	98
18) Methylene Chloride	3.248	49	38629	21.61	ug/L	98
19) Tert Butyl Alcohol	3.370	59	16507	200.29	ug/L	96
20) Allyl Chloride	3.126	41	54067	19.74	ug/L	96
21) Acetonitrile	3.126	41	54067	98.68	ug/L	96
22) trans-1,2-Dichloroethene	3.504	61	37529	20.48	ug/L	97
23) Acrylonitrile	3.467	53	50619	103.56	ug/L	97
24) Methyl Tert Butyl Ether	3.516	73	64758	19.64	ug/L	97
25) Hexane	3.766	57	37773	21.57	ug/L	99
26) 1,1-Dichloroethane	3.888	63	45996	20.43	ug/L	95
27) Vinyl Acetate	3.949	43	221322	97.90	ug/L	98
28) Di-isopropyl ether	3.973	45	90187	20.18	ug/L	96
29) Chloroprene	3.973	53	40933	19.32	ug/L	98
30) Ethyl tert-butyl ether	4.302	59	68641	19.67	ug/L	96
31) 2,2-Dichloropropane	4.418	77	30311	20.13	ug/L	98
32) cis-1,2-Dichloroethene	4.418	96	26279	20.38	ug/L	96
33) Ethyl Acetate	4.498	43	143163	101.20	ug/L	100
34) 2-Butanone	4.430	43	62947	100.22	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 08:51:30 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	18634	101.19	ug/L	97
36) Methacrylonitrile	4.613	41	88717	96.94	ug/L	98
37) Bromochloromethane	4.626	128	14603	20.25	ug/L	93
38) Chloroform	4.705	83	49217	20.78	ug/kg	99
39) Tetrahydrofuran	4.674	42	8434	20.79	ug/L	95
40) 1,1,1-Trichloroethane	4.876	97	37919	20.39	ug/L	97
42) Cyclohexane	4.924	56	43274	20.42	ug/L	99
43) n-Butyl Alcohol	5.723	56	3935	170.84	ug/L	97
44) 1,1-Dichloropropene	5.022	75	36452	20.52	ug/L	97
45) Carbon Tetrachloride	5.022	117	36161	20.63	ug/L	97
47) Benzene	5.199	78	104487	20.29	ug/L	99
48) Isobutyl Alcohol	5.132	43	8562	199.00	ug/L	94
49) 1,2-Dichloroethane	5.211	62	42598	20.26	ug/L	98
50) tert-amyl methyl ether	5.314	73	57745	19.49	ug/L	91
51) Trichloroethene	5.784	95	27514	20.87	ug/L	93
52) Methylcyclohexane	5.967	83	44176	21.21	ug/L	98
53) Methyl Methacrylate	6.095	41	23397	18.79	ug/L	95
54) 1,2-Dichloropropane	5.979	63	27077	20.33	ug/L	94
55) Dibromomethane	6.083	93	17716	20.13	ug/kg	97
56) 1,4-Dioxane	6.101	88	4852	351.34	ug/L	95
57) Bromodichloromethane	6.229	83	34635	20.28	ug/L	100
58) 2-Nitropropane	6.436	41	31231	94.50	ug/L	98
59) 2-Chloroethyl vinyl ether	6.515	63	131107	99.49	ug/L	95
60) 1-Bromo-2-Chloroethane	6.515	63	131107	19.90	ug/kg	98
61) 4-Methyl-2-pentanone	6.790	43	138637	99.16	ug/L	99
62) cis-1,3-Dichloropropene	6.643	75	39146	19.42	ug/L	93
65) Toluene	6.960	91	111910	20.13	ug/L	98
66) Ethyl Methacrylate	7.259	69	28852	17.85	ug/L	99
67) trans-1,3-Dichloropropene	7.162	75	32248	18.47	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	21027	20.02	ug/L	96
69) Tetrachloroethene	7.485	166	31685	20.73	ug/L	96
70) 2-hexanone	7.576	43	96606	97.59	ug/L	100
71) 1,3-Dichloropropane	7.491	76	43105	19.95	ug/L	99
72) Dibromochloromethane	7.710	129	25559	19.27	ug/L	99
73) 1,2-Dibromoethane	7.820	107	25080	19.45	ug/L	97
74) 1-Chlorohexane	8.289	91	34604	20.04	ug/L	96
75) Chlorobenzene	8.302	112	74302	20.40	ug/L	99
76) 1,1,1,2-Tetrachloroethane	8.387	131	25379	19.78	ug/L	97
77) Ethylbenzene	8.418	91	126733	20.10	ug/L	99
78) m,p-Xylene	8.533	91	192767	39.56	ug/L	98
79) o-Xylene	8.930	91	96837	19.53	ug/L	97
80) Styrene	8.942	104	79074	19.36	ug/L	99
81) Bromoform	9.119	173	17117	19.28	ug/L	97
83) Isopropylbenzene	9.308	105	104139	20.24	ug/L	100
84) Cyclohexanone	9.381	55	3877	101.15	ug/L	90
86) Bromobenzene	9.600	156	33564	19.97	ug/L	94
87) 1,1,2,2-Tetrachloroethane	9.600	83	32254	20.13	ug/L	96
88) Trans-1,4-Dichloro-2-b...	9.661	53	7848	19.59	ug/L	95
89) 1,2,3-Trichloropropane	9.643	110	9978	19.82	ug/L	93
90) n-Propylbenzene	9.722	91	145074	20.25	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 08:51:30 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration

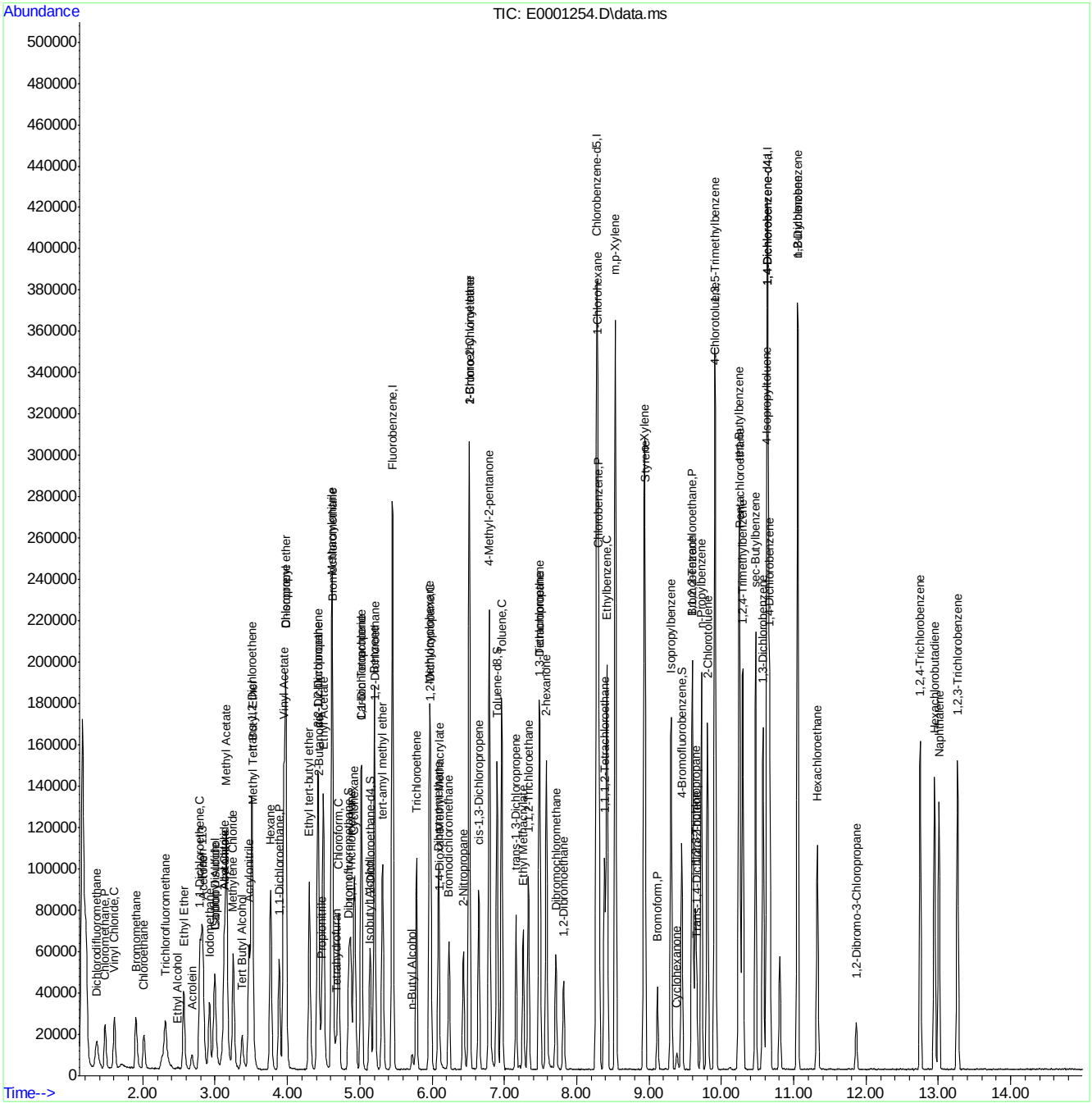
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.807	91	87093	20.53	ug/L	100
92)	4-Chlorotoluene	9.917	91	101662	20.27	ug/L	99
93)	1,3,5-Trimethylbenzene	9.911	105	100565	20.09	ug/L	100
94)	Pentachloroethane	10.253	167	17310	19.00	ug/L	94
95)	sec-Butylbenzene	10.472	105	137073	20.96	ug/L	99
96)	1,3-Dichlorobenzene	10.576	146	64135	20.56	ug/L	99
97)	4-Isopropyltoluene	10.624	119	110117	20.33	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	67177	20.78	ug/L	99
99)	tert-Butylbenzene	10.246	91	58086	20.04	ug/L	94
100)	n-Butylbenzene	11.051	91	113166	20.75	ug/L	99
101)	1,2-Dichlorobenzene	11.051	146	61243	20.02	ug/L	97
102)	1,2,4-Trimethylbenzene	10.295	105	104967	20.64	ug/L	99
103)	Hexachloroethane	11.325	119	16740	18.78	ug/L	95
104)	1,2-Dibromo-3-Chloropr...	11.868	75	5333	19.62	ug/L	92
105)	1,2,4-Trichlorobenzene	12.752	180	47228	20.76	ug/L	97
106)	Hexachlorobutadiene	12.947	225	26893	22.18	ug/L	96
107)	Naphthalene	13.008	128	99550	19.82	ug/L	98
108)	1,2,3-Trichlorobenzene	13.264	180	45429	20.33	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

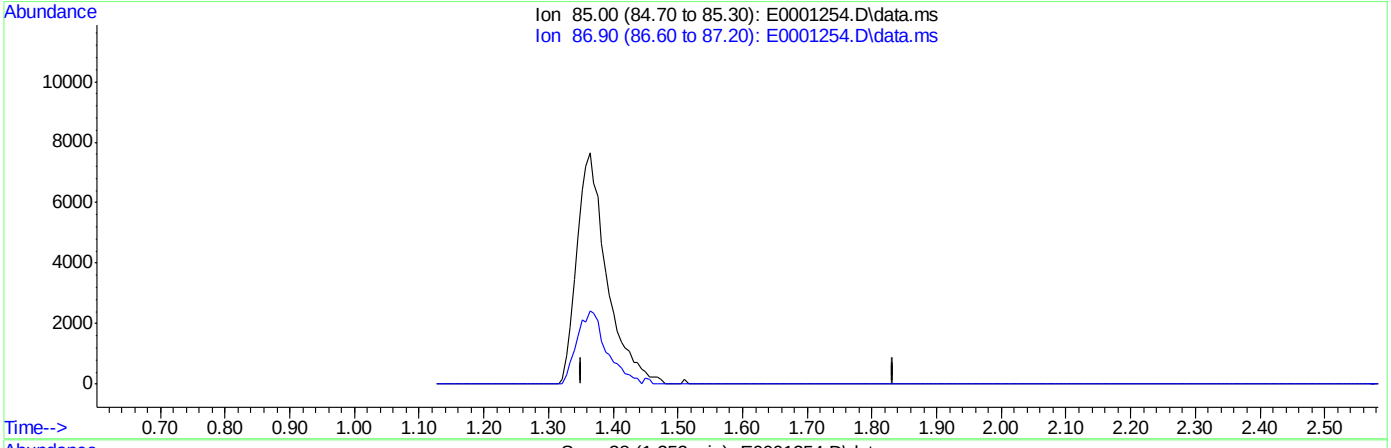
Quant Time: Aug 18 08:51:30 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration

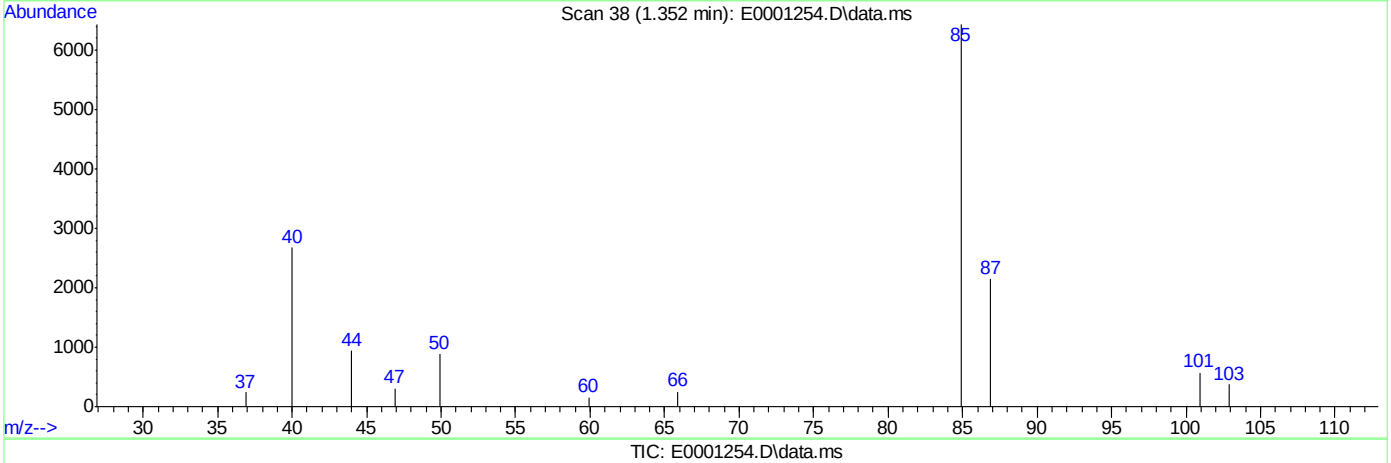


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 08:49:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration





TIC: E0001254.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

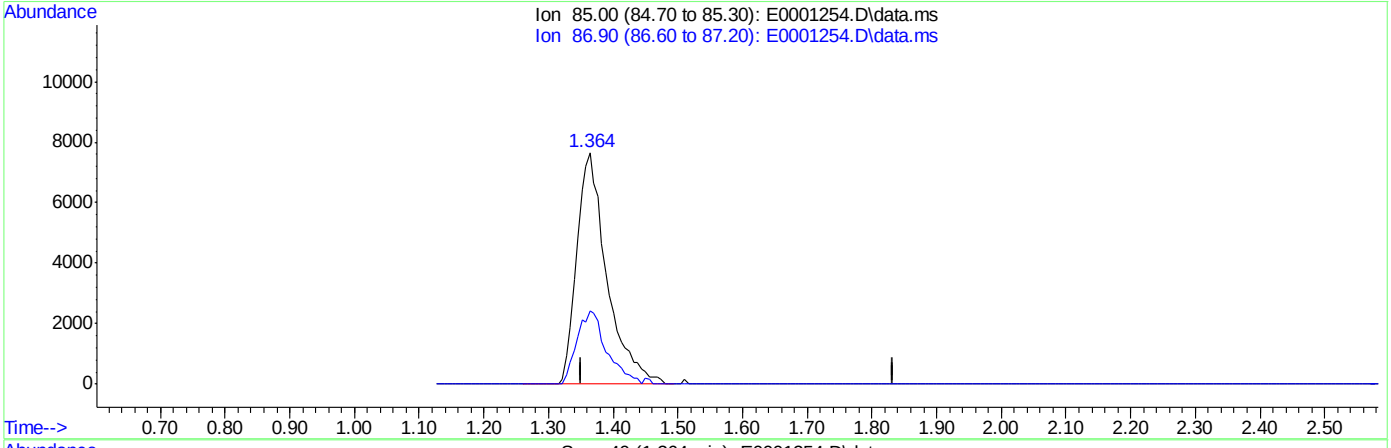
response 0

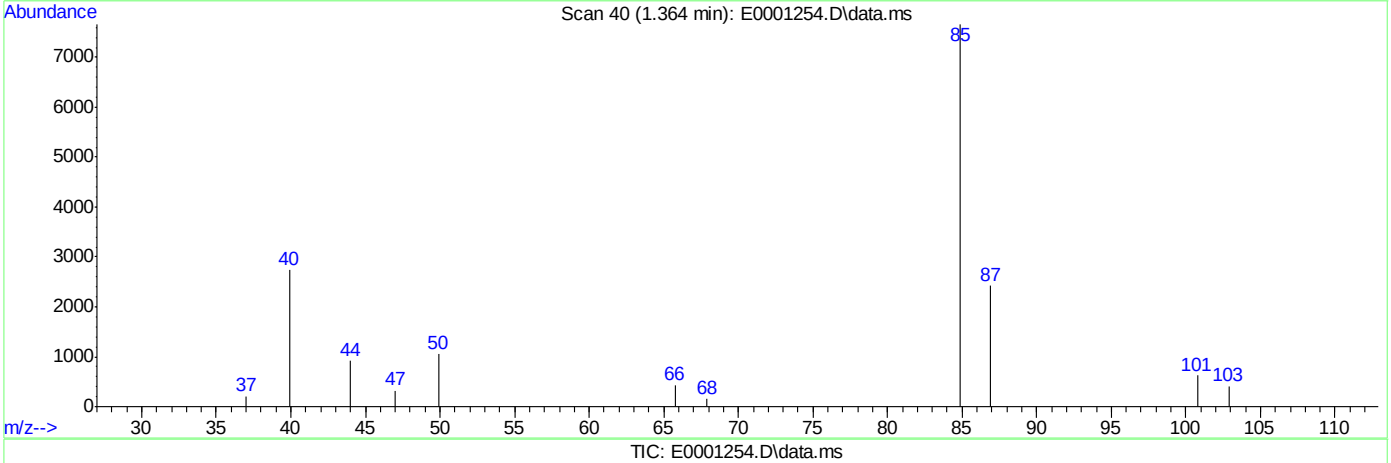
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001254.D
Acq On : 17 Aug 2010 5:40 pm
Operator : mikeh1
Sample : ic77-20
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 18 08:49:06 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:48:34 2010
Response via : Initial Calibration





TIC: E0001254.D\data.ms

(2) Dichlorodifluoromethane

1.364min (+0.012) 19.65ug/L m

response 24794

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	31.61
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:17:01 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	214652	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	159934	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	91246	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	91246	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	51971	44.26	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 88.52%			
46) 1,2-Dichloroethane-d4	5.138	65	68859	41.68	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 83.36%			
64) Toluene-d8	6.899	98	185902	43.68	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 87.36%			
85) 4-Bromofluorobenzene	9.454	95	70472	42.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 85.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.352	85	52049m	43.14	ug/L	
3) Chloromethane	1.480	50	54079	42.80	ug/L	100
4) Vinyl Chloride	1.608	62	54884	44.87	ug/L	100
5) Bromomethane	1.907	94	39071	43.33	ug/L	100
6) Chloroethane	2.004	64	35709	44.73	ug/L	100
7) Trichlorofluoromethane	2.297	101	79781	48.00	ug/L	100
8) Ethyl Alcohol	2.480	45	2883	448.80	ug/kg	100
9) Ethyl Ether	2.559	59	42880	40.90	ug/L	100
10) Acrolein	2.675	56	14899	230.78	ug/L	100
11) 1,1-Dichloroethene	2.784	61	78859	43.08	ug/L	100
12) Freon 113	2.815	101	51015	44.17	ug/L	100
13) Acetone	2.827	43	83809	171.86	ug/L	100
14) Iodomethane	2.912	142	81475	42.62	ug/L	100
15) Isopropyl Alcohol	2.986	45	26498	418.94	ug/kg	100
16) Methyl Acetate	3.150	43	291919	204.98	ug/L	100
17) Carbon Disulfide	2.992	76	145384	43.05	ug/L	100
18) Methylene Chloride	3.248	49	73726	34.53	ug/L	100
19) Tert Butyl Alcohol	3.370	59	33996	428.69	ug/L	100
20) Allyl Chloride	3.120	41	113001	41.89	ug/L	100
21) Acetonitrile	3.120	41	113001	208.75	ug/L	100
22) trans-1,2-Dichloroethene	3.498	61	75574	41.86	ug/L	100
23) Acrylonitrile	3.461	53	100813	207.16	ug/L	100
24) Methyl Tert Butyl Ether	3.510	73	136021	41.60	ug/L	100
25) Hexane	3.760	57	72225	43.34	ug/L	100
26) 1,1-Dichloroethane	3.882	63	92858	42.23	ug/L	100
27) Vinyl Acetate	3.943	43	466273	213.34	ug/L	100
28) Di-isopropyl ether	3.967	45	184363	42.51	ug/L	100
29) Chloroprene	3.967	53	87400	43.27	ug/L	100
30) Ethyl tert-butyl ether	4.302	59	143972	42.16	ug/L	100
31) 2,2-Dichloropropane	4.418	77	62120	41.44	ug/L	100
32) cis-1,2-Dichloroethene	4.412	96	53194	41.25	ug/L	100
33) Ethyl Acetate	4.491	43	291763	206.34	ug/L	100
34) 2-Butanone	4.424	43	129542	205.42	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:17:01 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	37980	205.34	ug/L	100
36) Methacrylonitrile	4.613	41	188758	208.06	ug/L	100
37) Bromochloromethane	4.626	128	29752	42.61	ug/L	100
38) Chloroform	4.705	83	97691	40.81	ug/kg	100
39) Tetrahydrofuran	4.668	42	16733	44.31	ug/L	100
40) 1,1,1-Trichloroethane	4.869	97	76712	43.42	ug/L	100
42) Cyclohexane	4.924	56	87416	44.17	ug/L	100
43) n-Butyl Alcohol	5.723	56	9064	408.54	ug/L	100
44) 1,1-Dichloropropene	5.016	75	73280	42.30	ug/L	100
45) Carbon Tetrachloride	5.022	117	72289	43.40	ug/L	100
47) Benzene	5.199	78	212411	42.29	ug/L	100
48) Isobutyl Alcohol	5.132	43	17748	449.18	ug/L	100
49) 1,2-Dichloroethane	5.211	62	86716	41.89	ug/L	100
50) tert-amyl methyl ether	5.314	73	122228	42.57	ug/L	100
51) Trichloroethene	5.778	95	54382	42.03	ug/L	100
52) Methylcyclohexane	5.967	83	85920	43.07	ug/L	100
53) Methyl Methacrylate	6.089	41	51353	43.37	ug/L	100
54) 1,2-Dichloropropane	5.979	63	54947	42.26	ug/L	100
55) Dibromomethane	6.083	93	36303	42.09	ug/kg	100
56) 1,4-Dioxane	6.101	88	11393m	895.23	ug/L	
57) Bromodichloromethane	6.229	83	70436	41.72	ug/L	100
58) 2-Nitropropane	6.436	41	68165	213.45	ug/L	100
59) 2-Chloroethyl vinyl ether	6.509	63	271786	212.92	ug/L	100
60) 1-Bromo-2-Chloroethane	6.509	63	271786	42.58	ug/kg	100
61) 4-Methyl-2-pentanone	6.790	43	288355	215.20	ug/L	100
62) cis-1,3-Dichloropropene	6.643	75	83142	43.42	ug/L	100
65) Toluene	6.960	91	227279	42.35	ug/L	100
66) Ethyl Methacrylate	7.259	69	66080	45.03	ug/L	100
67) trans-1,3-Dichloropropene	7.162	75	71377	44.84	ug/L	100
68) 1,1,2-Trichloroethane	7.332	83	42929	42.80	ug/L	100
69) Tetrachloroethene	7.479	166	62474	41.83	ug/L	100
70) 2-hexanone	7.576	43	202300	218.93	ug/L	100
71) 1,3-Dichloropropane	7.491	76	88324	41.67	ug/L	100
72) Dibromochloromethane	7.710	129	54223	43.37	ug/L	100
73) 1,2-Dibromoethane	7.820	107	52713	42.99	ug/L	100
74) 1-Chlorohexane	8.289	91	70566	42.31	ug/L	100
75) Chlorobenzene	8.302	112	148850	41.37	ug/L	100
76) 1,1,1,2-Tetrachloroethane	8.387	131	52448	42.91	ug/L	100
77) Ethylbenzene	8.417	91	257724	43.29	ug/L	100
78) m,p-Xylene	8.533	91	398296	87.25	ug/L	100
79) o-Xylene	8.930	91	202615	43.64	ug/L	100
80) Styrene	8.942	104	166972	44.32	ug/L	100
81) Bromoform	9.119	173	36291	43.22	ug/L	100
83) Isopropylbenzene	9.308	105	215352	43.57	ug/L	100
84) Cyclohexanone	9.381	55	8020	203.08	ug/L	100
86) Bromobenzene	9.606	156	70349	42.64	ug/L	100
87) 1,1,2,2-Tetrachloroethane	9.594	83	67045	41.57	ug/L	100
88) Trans-1,4-Dichloro-2-b...	9.661	53	16765	41.88	ug/L	100
89) 1,2,3-Trichloropropane	9.643	110	21069	42.58	ug/L	100
90) n-Propylbenzene	9.728	91	299763	43.42	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:17:01 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.807	91	177518	42.51	ug/L	100
92)	4-Chlorotoluene	9.917	91	209892	43.28	ug/L	100
93)	1,3,5-Trimethylbenzene	9.911	105	209471	44.55	ug/L	100
94)	Pentachloroethane	10.253	167	38120	43.00	ug/L	100
95)	sec-Butylbenzene	10.472	105	273724	43.27	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	130513	41.28	ug/L	100
97)	4-Isopropyltoluene	10.624	119	226674	43.93	ug/L	100
98)	1,4-Dichlorobenzene	10.667	146	135311	40.54	ug/L	100
99)	tert-Butylbenzene	10.246	91	121308	43.50	ug/L	100
100)	n-Butylbenzene	11.051	91	228174	43.33	ug/L	100
101)	1,2-Dichlorobenzene	11.051	146	128005	41.91	ug/L	100
102)	1,2,4-Trimethylbenzene	10.295	105	212801	43.77	ug/L	100
103)	Hexachloroethane	11.325	119	37307	43.08	ug/L	100
104)	1,2-Dibromo-3-Chloropr...	11.868	75	11373	41.79	ug/L	100
105)	1,2,4-Trichlorobenzene	12.752	180	95191	41.08	ug/L	100
106)	Hexachlorobutadiene	12.947	225	50739	40.90	ug/L	100
107)	Naphthalene	13.008	128	210198	43.18	ug/L	100
108)	1,2,3-Trichlorobenzene	13.264	180	93502	42.07	ug/L	100

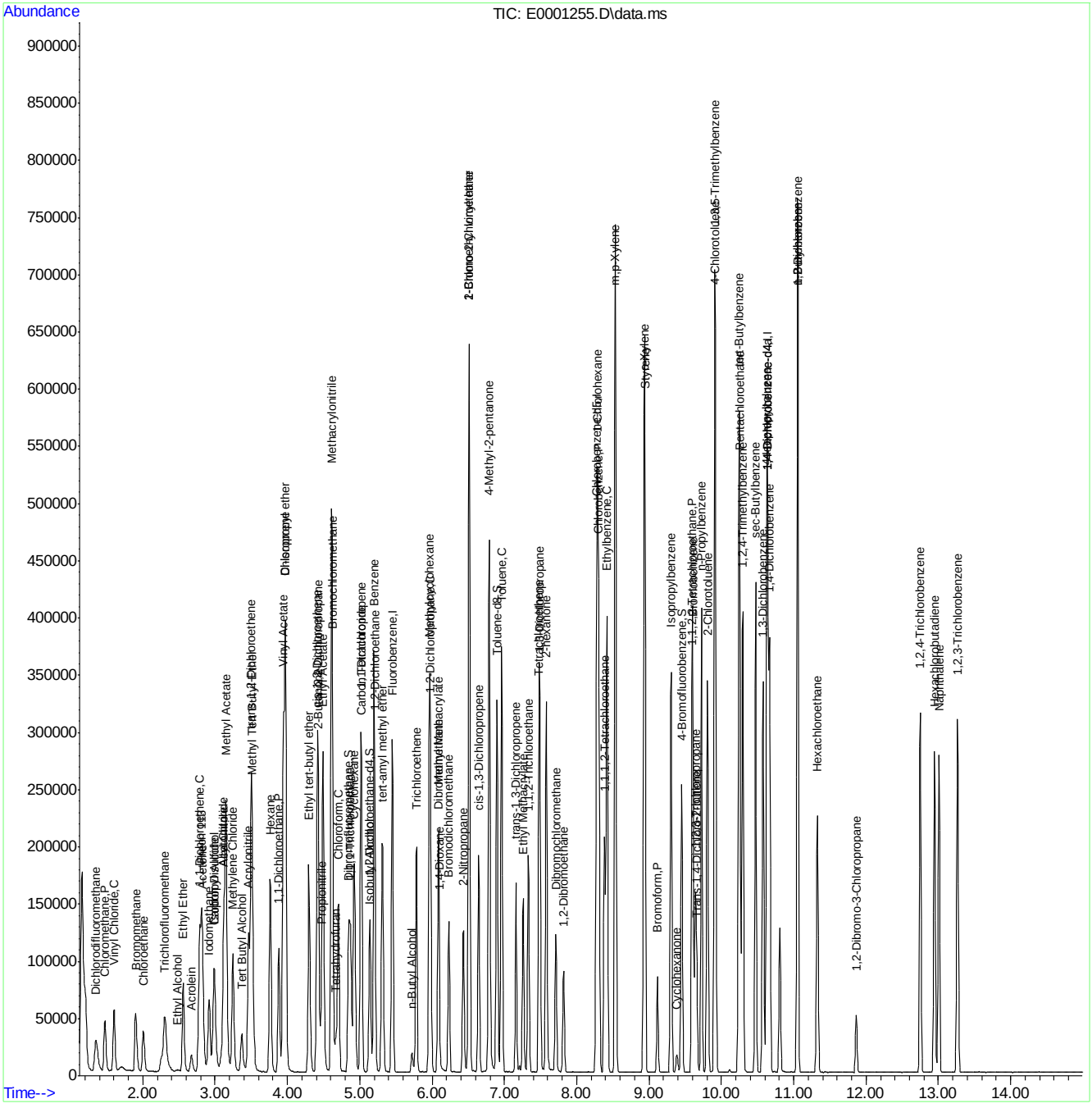
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST LABORATORIES T59309

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

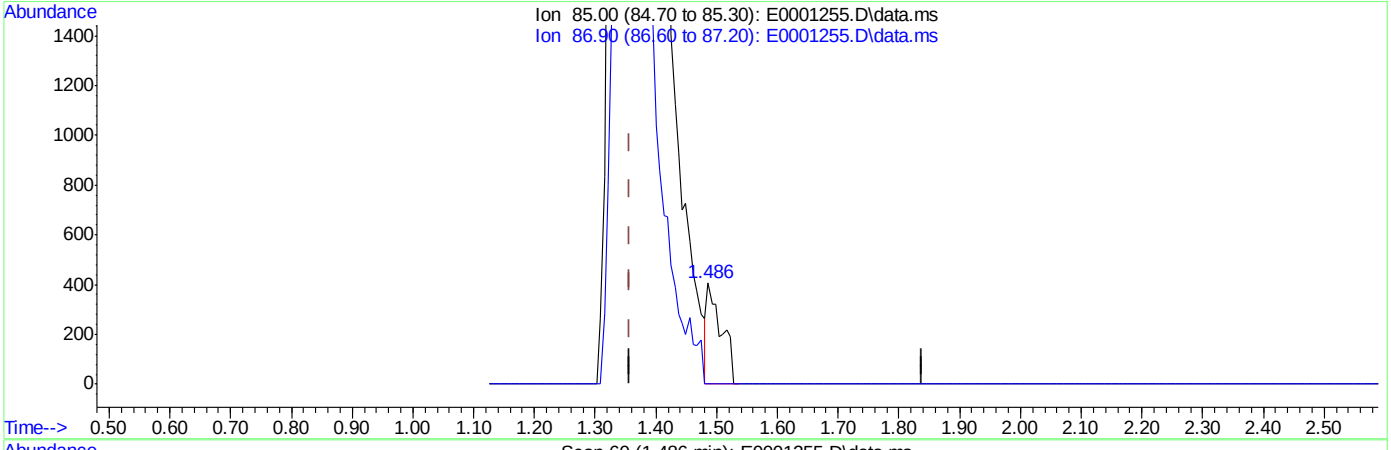
Quant Time: Aug 18 09:17:01 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

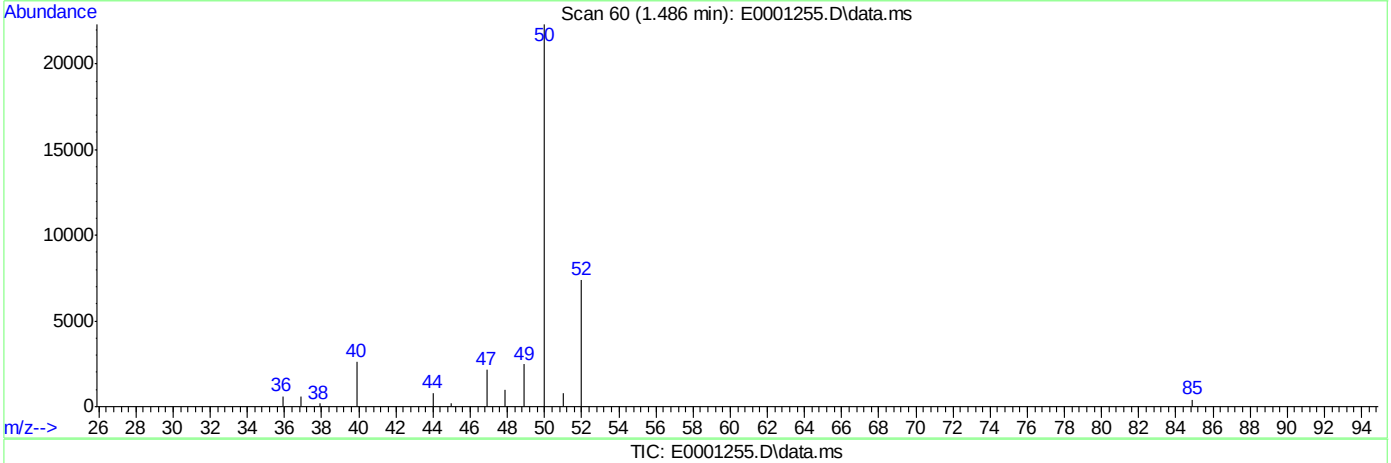


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





(2) Dichlorodifluoromethane

1.486min (+0.128) 0.00ug/L

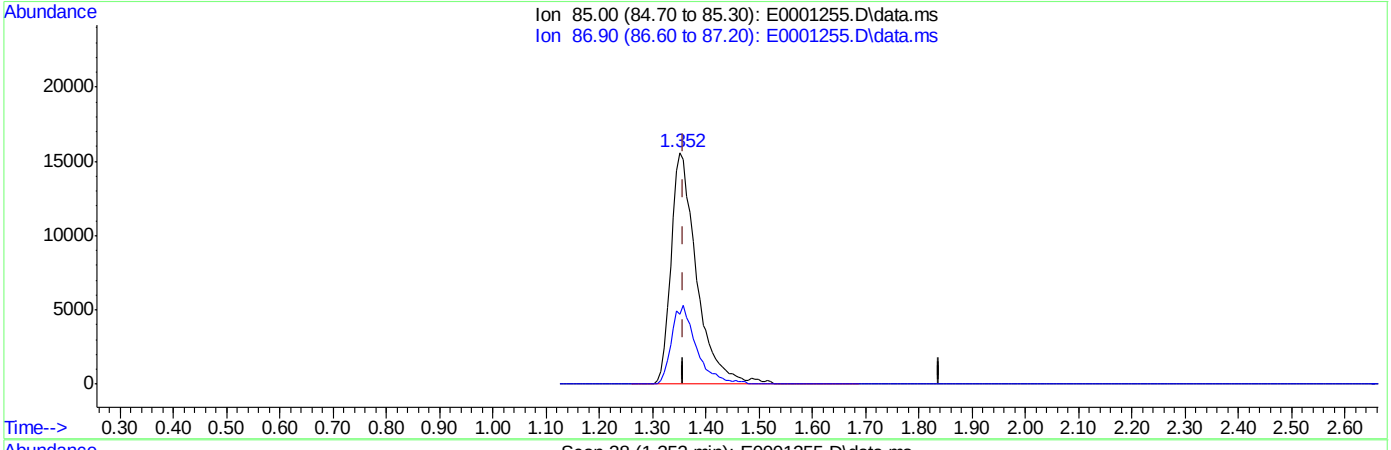
response 676

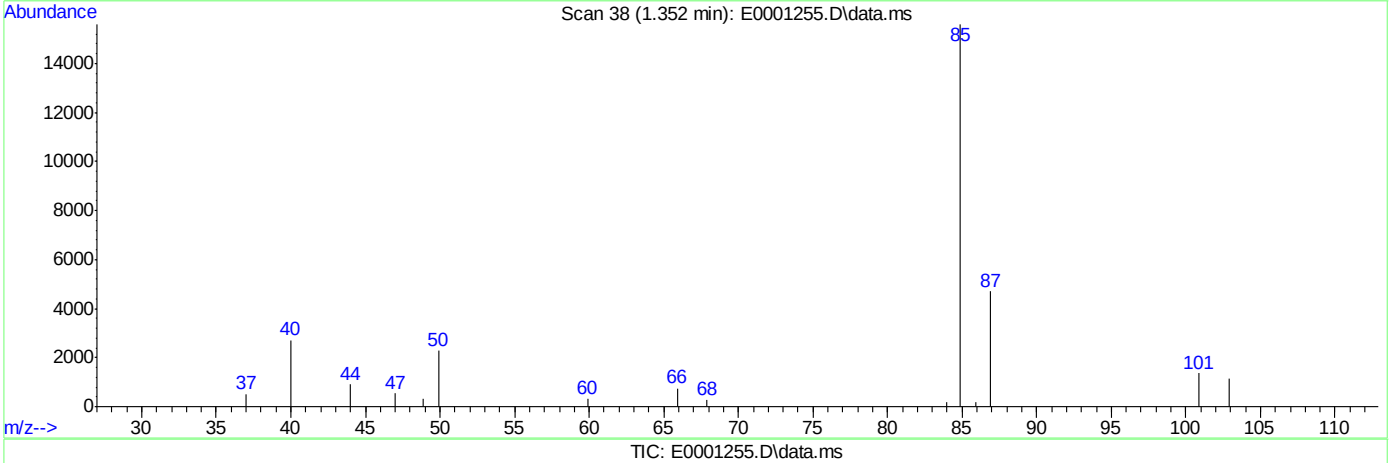
Ion	Exp%	Act%
85.00	100	100
86.90	33.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-0.006) 0.00ug/L m

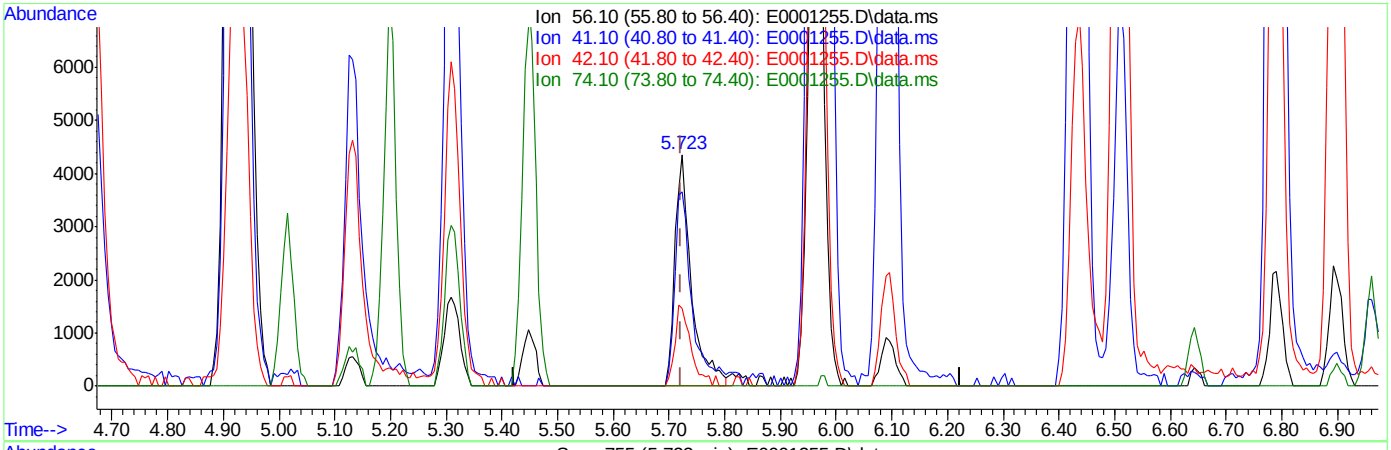
response 52047

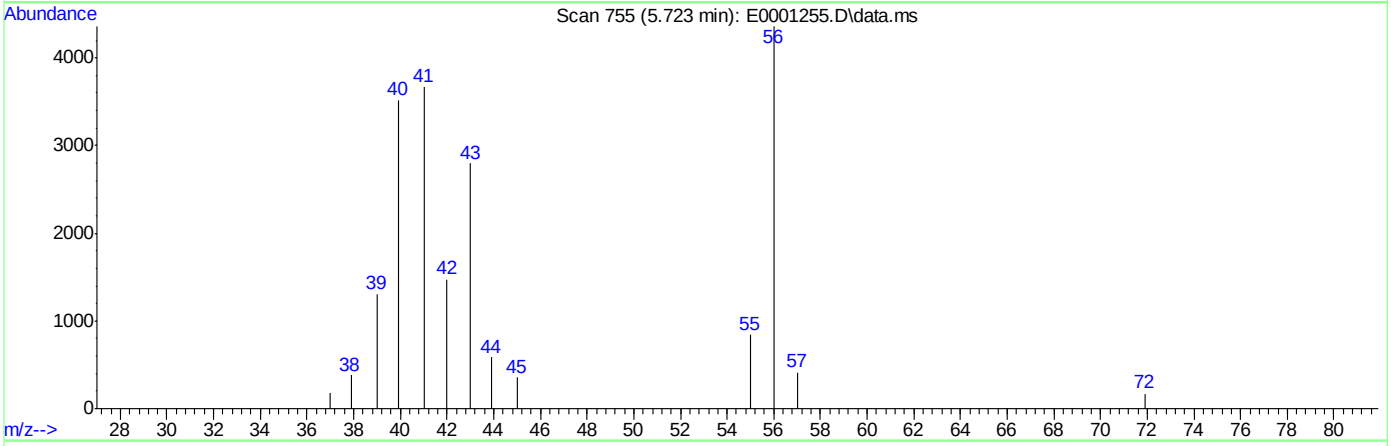
Ion	Exp%	Act%
85.00	100	100
86.90	33.70	30.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(43) n-Butyl Alcohol

5.723min (-0.000) 0.00ug/L

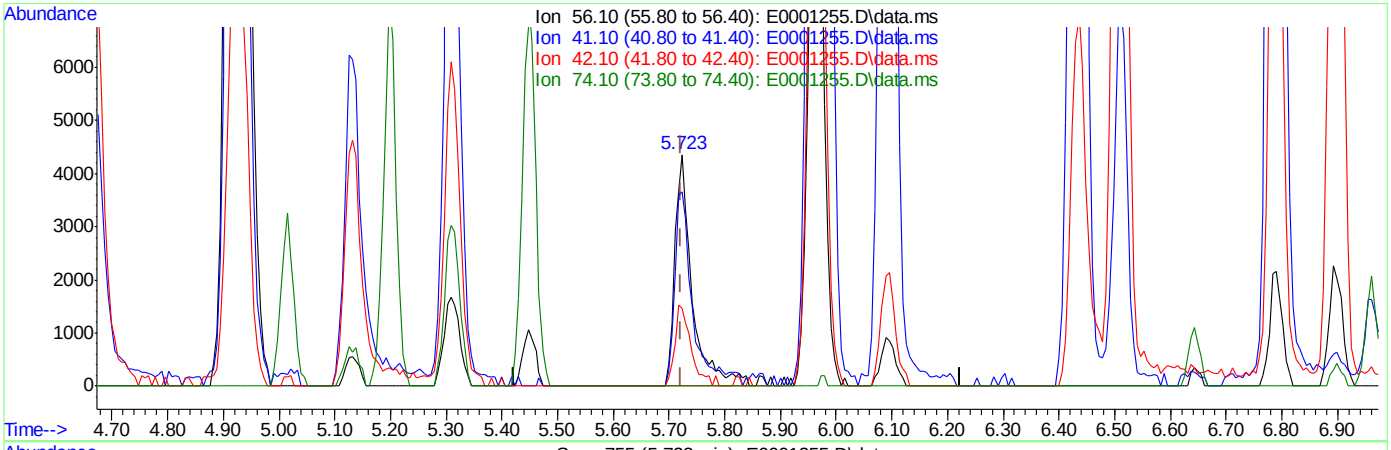
response 9064

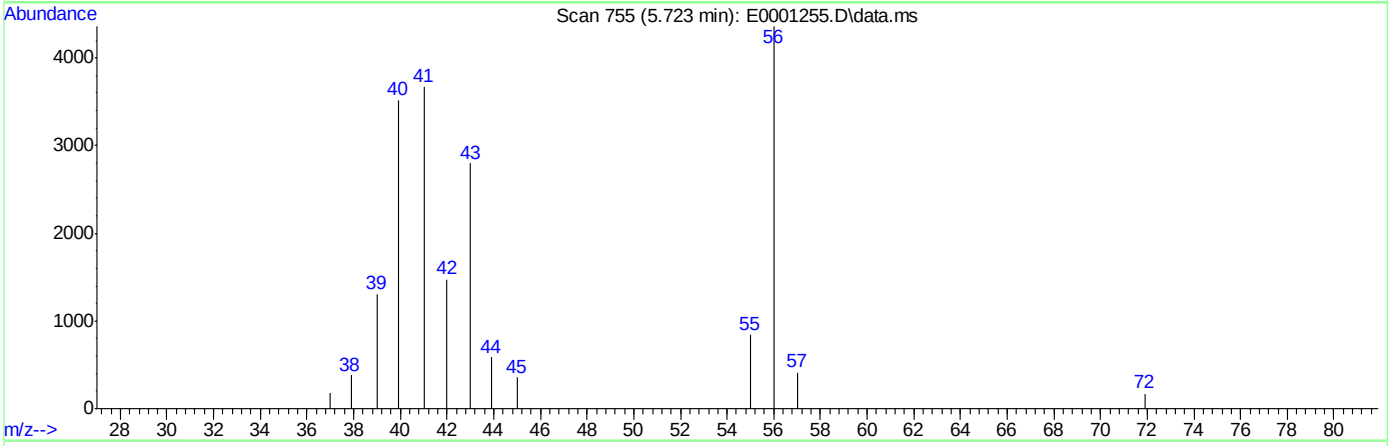
Ion	Exp%	Act%
56.10	100	100
41.10	79.40	84.04
42.10	35.80	33.76
74.10	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(43) n-Butyl Alcohol

5.723min (-0.000) 0.00ug/L m

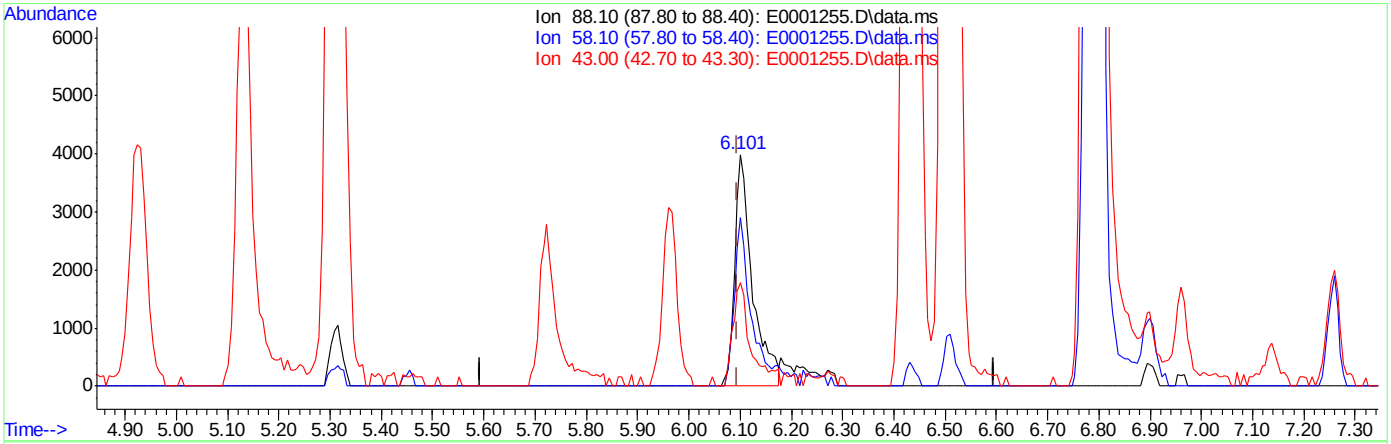
response 9501

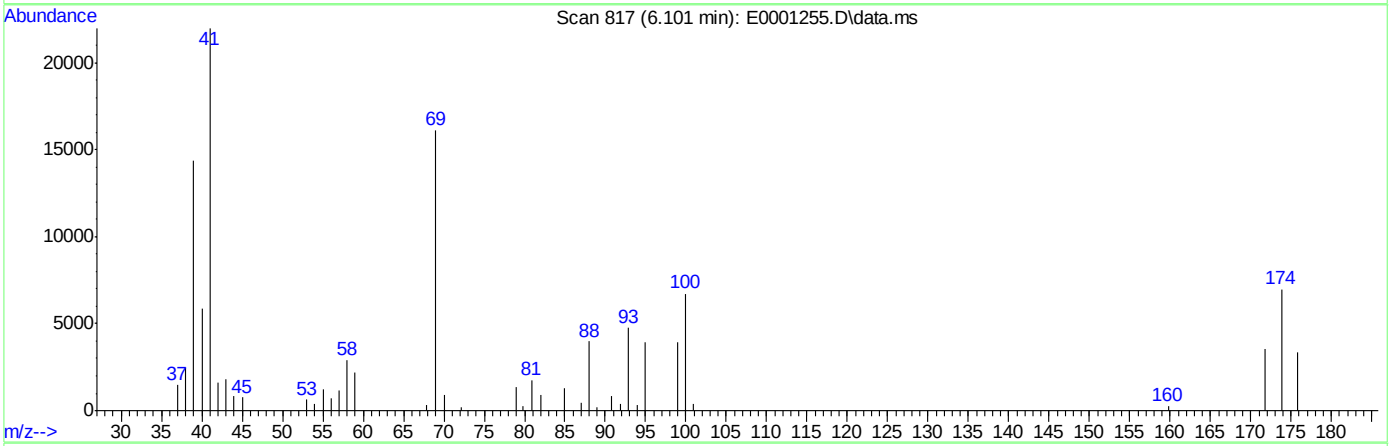
Ion	Exp%	Act%
56.10	100	100
41.10	79.40	84.04
42.10	35.80	33.76
74.10	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(56) 1,4-Dioxane

6.101min (+0.006) 0.00ug/L

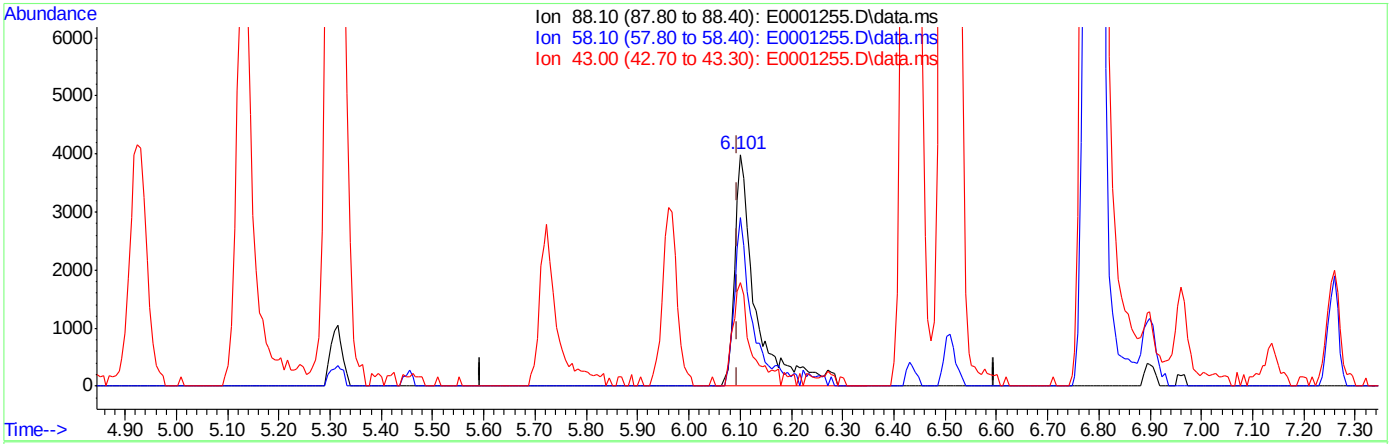
response 9525

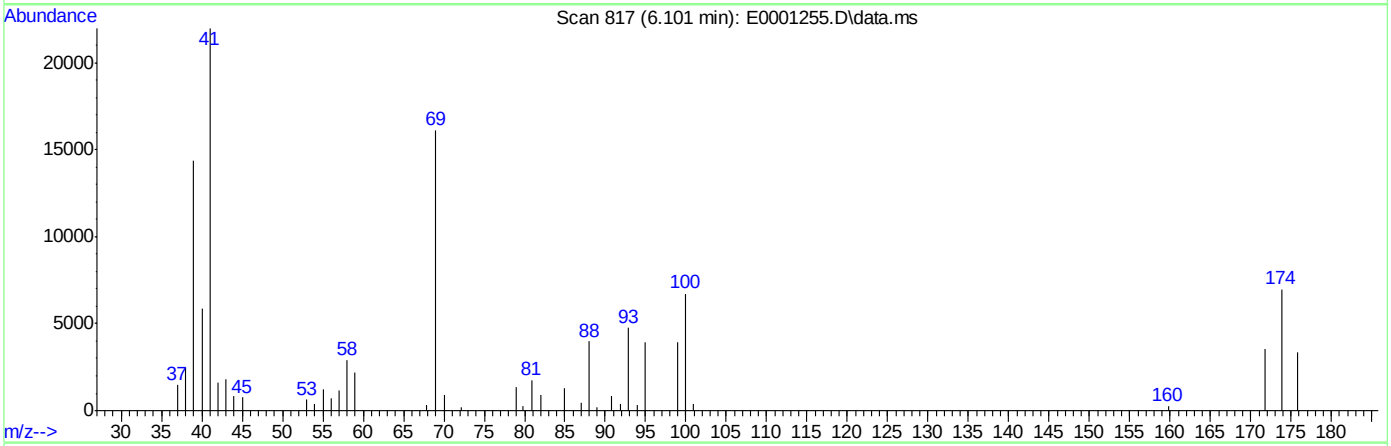
Ion	Exp%	Act%
88.10	100	100
58.10	70.30	72.88
43.00	62.20	44.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 08:44:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:44:47 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(56) 1,4-Dioxane

6.101min (+0.006) 0.00ug/L m

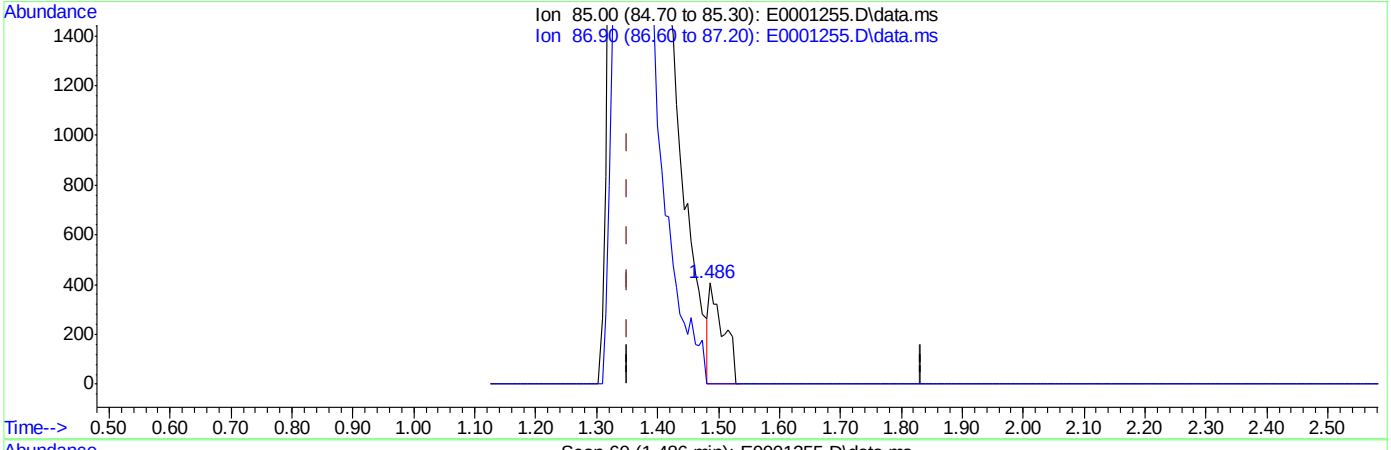
response 11393

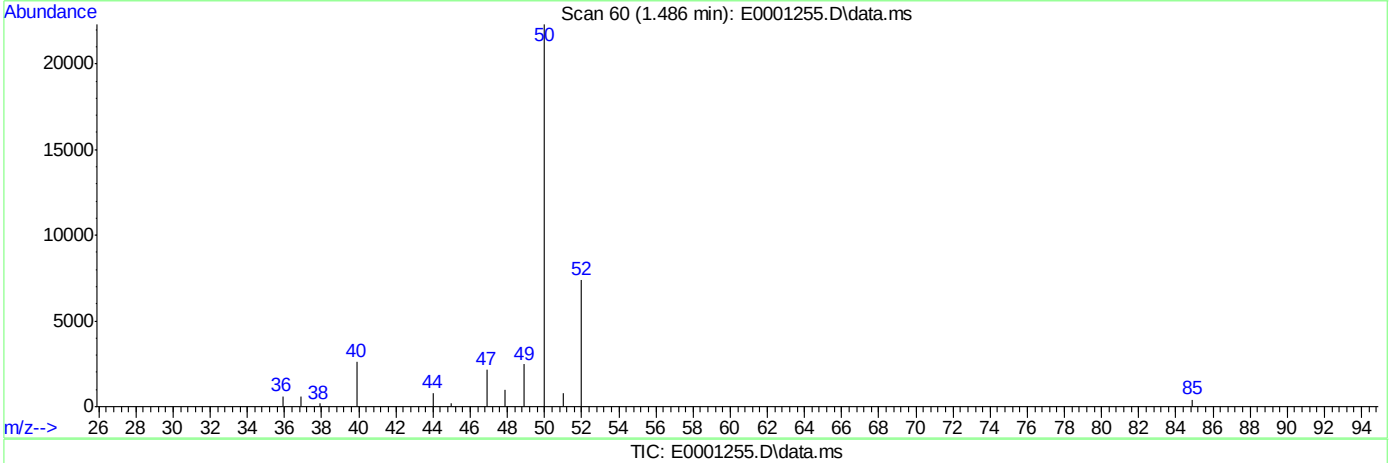
Ion	Exp%	Act%
88.10	100	100
58.10	70.30	72.88
43.00	62.20	44.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





(2) Dichlorodifluoromethane

1.486min (+0.134) 0.56ug/L

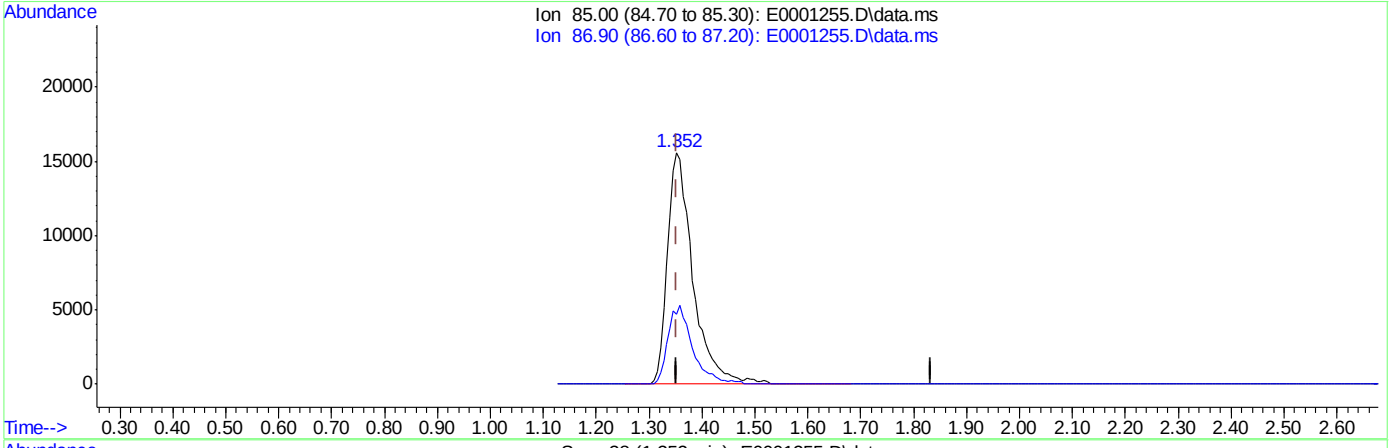
response 676

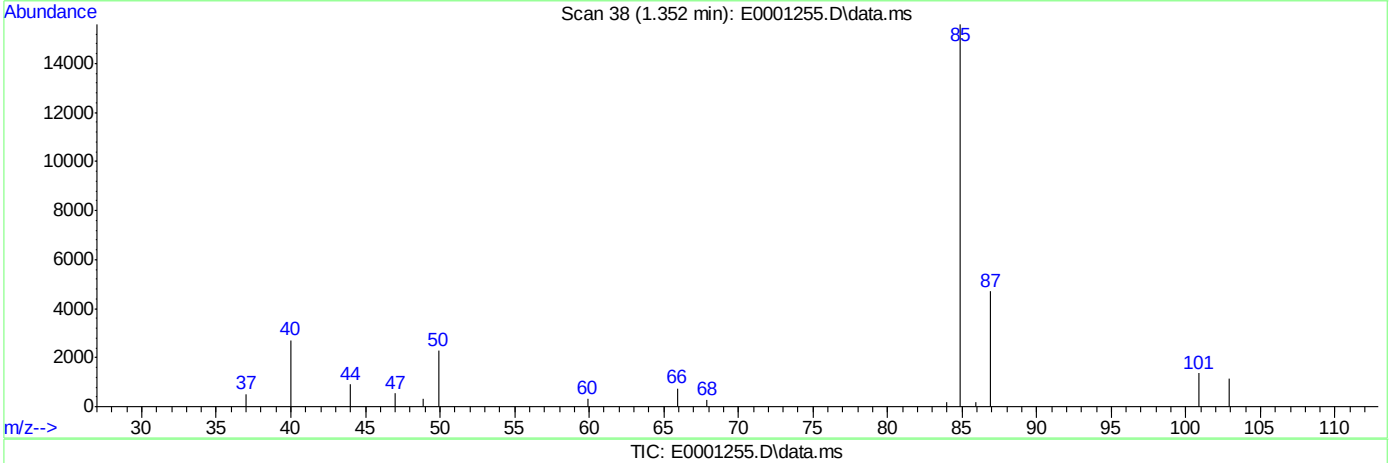
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(2) Dichlorodifluoromethane

1.352min (0.000) 43.14ug/L m

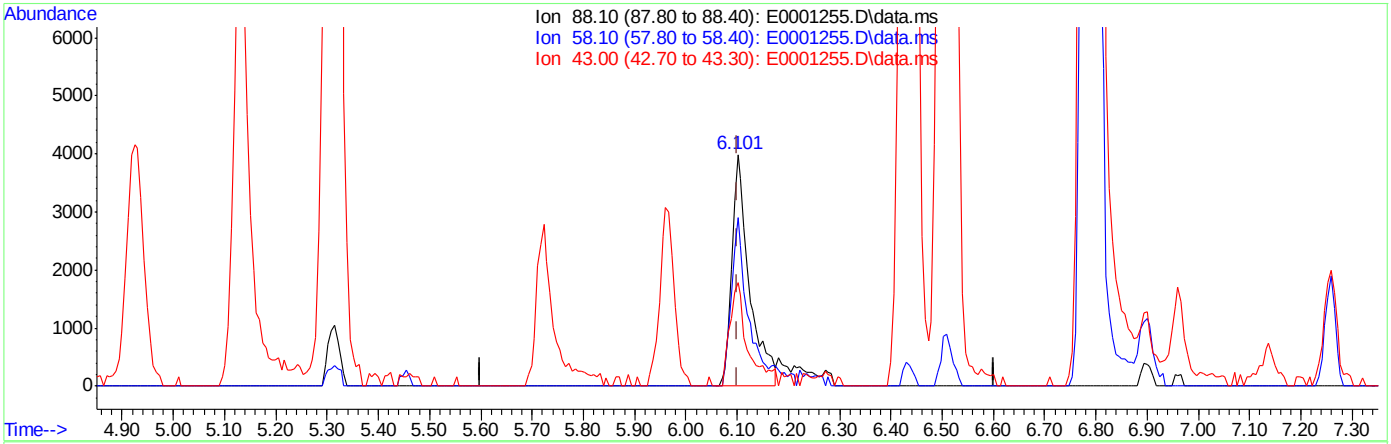
response 52049

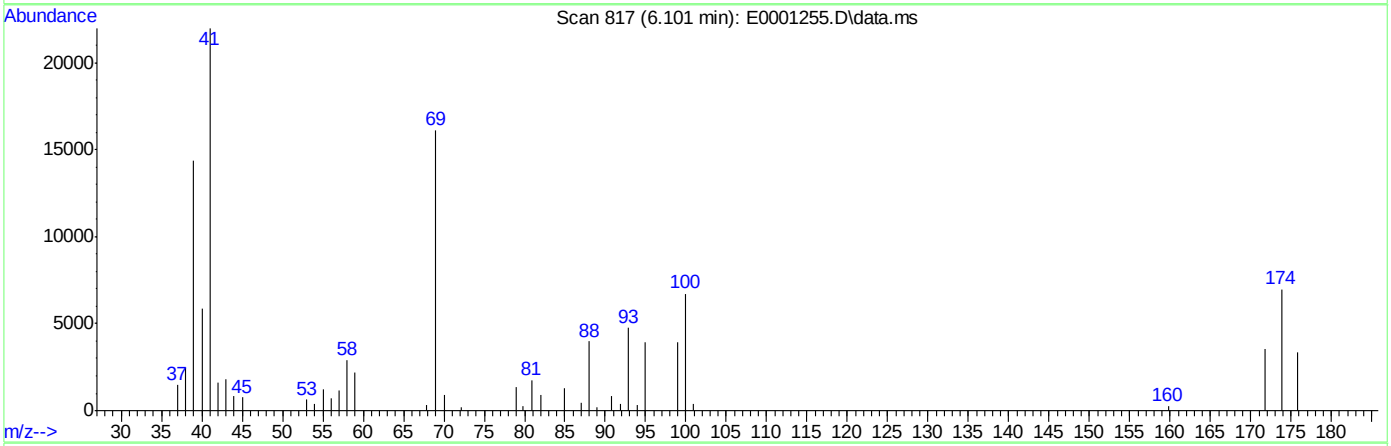
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(56) 1,4-Dioxane

6.101min (0.000) 748.45ug/L

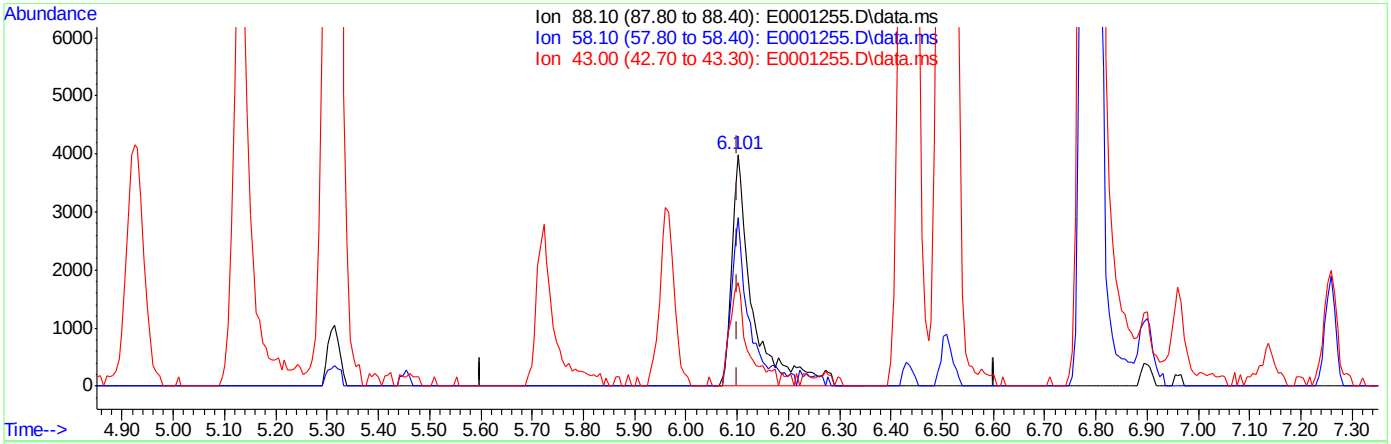
response 9525

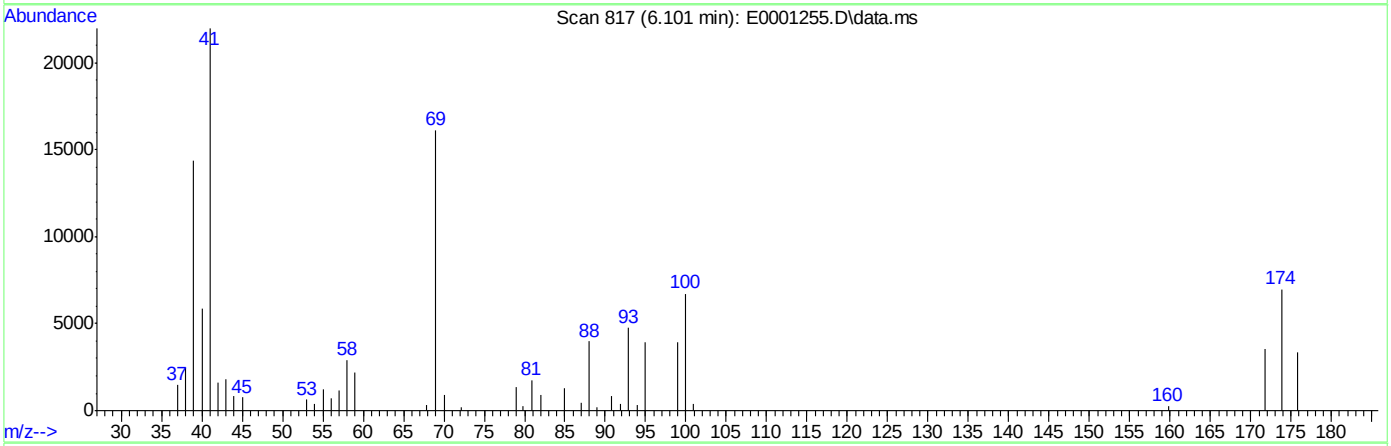
Ion	Exp%	Act%
88.10	100	100
58.10	72.90	72.88
43.00	44.50	44.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001255.D
Acq On : 17 Aug 2010 6:04 pm
Operator : mikeh1
Sample : icc77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 18 09:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001255.D\data.ms

(56) 1,4-Dioxane

6.101min (0.000) 895.23ug/L m

response 11393

Ion	Exp%	Act%
88.10	100	100
58.10	72.90	72.88
43.00	44.50	44.54
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:53:40 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	224537	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	168303	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	96997	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	96997	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	89795	69.68	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 139.36%#			
46) 1,2-Dichloroethane-d4	5.138	65	120370	68.94	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 137.88%#			
64) Toluene-d8	6.899	98	327169	69.93	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 139.86%#			
85) 4-Bromofluorobenzene	9.454	95	126279	69.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 138.20%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.358	85	90387m	66.99	ug/L	
3) Chloromethane	1.480	50	93753	68.69	ug/L	100
4) Vinyl Chloride	1.608	62	93385	66.91	ug/L	99
5) Bromomethane	1.900	94	69062	68.86	ug/L	97
6) Chloroethane	2.004	64	61290	68.04	ug/L	99
7) Trichlorofluoromethane	2.303	101	135291	67.19	ug/L	99
8) Ethyl Alcohol	2.480	45	4769	663.35	ug/kg	90
9) Ethyl Ether	2.559	59	76600	66.97	ug/L	97
10) Acrolein	2.669	56	26215	336.87	ug/L	99
11) 1,1-Dichloroethene	2.784	61	135952	64.66	ug/L	98
12) Freon 113	2.815	101	87417	63.93	ug/L	97
13) Acetone	2.821	43	145644	322.74	ug/L	99
14) Iodomethane	2.919	142	142644	66.20	ug/L	99
15) Isopropyl Alcohol	2.986	45	44373	675.48	ug/kg	97
16) Methyl Acetate	3.150	43	503935	327.40	ug/L	99
17) Carbon Disulfide	2.992	76	256452	66.76	ug/L	98
18) Methylene Chloride	3.242	49	127242	63.44	ug/L	99
19) Tert Butyl Alcohol	3.364	59	56512	635.19	ug/L	96
20) Allyl Chloride	3.120	41	198172	67.51	ug/L	99
21) Acetonitrile	3.120	41	198172	337.53	ug/L	99
22) trans-1,2-Dichloroethene	3.498	61	133099	66.54	ug/L	97
23) Acrylonitrile	3.461	53	174997	326.09	ug/L	98
24) Methyl Tert Butyl Ether	3.510	73	242831	68.89	ug/L	98
25) Hexane	3.760	57	125584	63.97	ug/L	98
26) 1,1-Dichloroethane	3.882	63	161437	65.77	ug/L	100
27) Vinyl Acetate	3.943	43	837902	347.23	ug/L	99
28) Di-isopropyl ether	3.967	45	328677	67.87	ug/L	96
29) Chloroprene	3.967	53	153938	68.52	ug/L	99
30) Ethyl tert-butyl ether	4.302	59	259369	69.47	ug/L	98
31) 2,2-Dichloropropane	4.418	77	113577	69.69	ug/L	97
32) cis-1,2-Dichloroethene	4.412	96	95166	67.77	ug/L	96
33) Ethyl Acetate	4.491	43	508731	331.39	ug/L	99
34) 2-Butanone	4.424	43	224592	331.12	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:53:40 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	66405	332.31	ug/L	96
36) Methacrylonitrile	4.613	41	325637	334.97	ug/L	99
37) Bromochloromethane	4.625	128	52517	67.09	ug/L	97
38) Chloroform	4.699	83	175286	67.30	ug/kg	98
39) Tetrahydrofuran	4.668	42	30038	67.31	ug/L	96
40) 1,1,1-Trichloroethane	4.869	97	139158	68.70	ug/L	99
42) Cyclohexane	4.924	56	152381	65.96	ug/L	99
43) n-Butyl Alcohol	5.723	56	16922	734.62	ug/L	98
44) 1,1-Dichloropropene	5.016	75	128998	66.45	ug/L	98
45) Carbon Tetrachloride	5.022	117	129570	67.47	ug/L	97
47) Benzene	5.199	78	372471	66.57	ug/L	98
48) Isobutyl Alcohol	5.132	43	31717	685.08	ug/L	94
49) 1,2-Dichloroethane	5.211	62	151550	66.39	ug/L	99
50) tert-amyl methyl ether	5.308	73	221754	70.28	ug/L	98
51) Trichloroethene	5.784	95	96397	66.34	ug/L	97
52) Methylcyclohexane	5.961	83	153811	66.45	ug/L	99
53) Methyl Methacrylate	6.095	41	89526	68.74	ug/L	93
54) 1,2-Dichloropropane	5.979	63	97157	67.07	ug/L	98
55) Dibromomethane	6.083	93	64690	67.92	ug/kg	98
56) 1,4-Dioxane	6.101	88	19134m	1367.59	ug/L	
57) Bromodichloromethane	6.229	83	128770	69.42	ug/L	100
58) 2-Nitropropane	6.436	41	125816	362.89	ug/L	100
59) 2-Chloroethyl vinyl ether	6.509	63	484264	341.54	ug/L	99
60) 1-Bromo-2-Chloroethane	6.509	63	484264	68.31	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	506865	337.50	ug/L	99
62) cis-1,3-Dichloropropene	6.643	75	152888	71.35	ug/L	98
65) Toluene	6.960	91	407440	67.93	ug/L	100
66) Ethyl Methacrylate	7.259	69	120710	73.39	ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	130866	72.47	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	75370	66.70	ug/L	100
69) Tetrachloroethene	7.479	166	114628	68.49	ug/L	95
70) 2-hexanone	7.576	43	354617	337.21	ug/L	100
71) 1,3-Dichloropropane	7.491	76	156664	67.51	ug/L	99
72) Dibromochloromethane	7.710	129	100088	71.47	ug/L	98
73) 1,2-Dibromoethane	7.820	107	92484	67.63	ug/L	99
74) 1-Chlorohexane	8.289	91	127302	68.50	ug/L	97
75) Chlorobenzene	8.302	112	266466	67.37	ug/L	98
76) 1,1,1,2-Tetrachloroethane	8.387	131	96014	69.97	ug/L	98
77) Ethylbenzene	8.417	91	458614	67.47	ug/L	100
78) m,p-Xylene	8.533	91	714477	137.12	ug/L	99
79) o-Xylene	8.930	91	361554	68.63	ug/L	99
80) Styrene	8.942	104	299574	69.31	ug/L	99
81) Bromoform	9.119	173	67321	71.81	ug/L	97
83) Isopropylbenzene	9.307	105	384096	66.72	ug/L	98
84) Cyclohexanone	9.381	55	14063	328.02	ug/L	97
86) Bromobenzene	9.606	156	123883	66.32	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.600	83	118920	66.52	ug/L	95
88) Trans-1,4-Dichloro-2-b...	9.661	53	32353	73.37	ug/L	95
89) 1,2,3-Trichloropropane	9.637	110	36359	65.23	ug/L	96
90) n-Propylbenzene	9.722	91	537931	67.10	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:53:40 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration

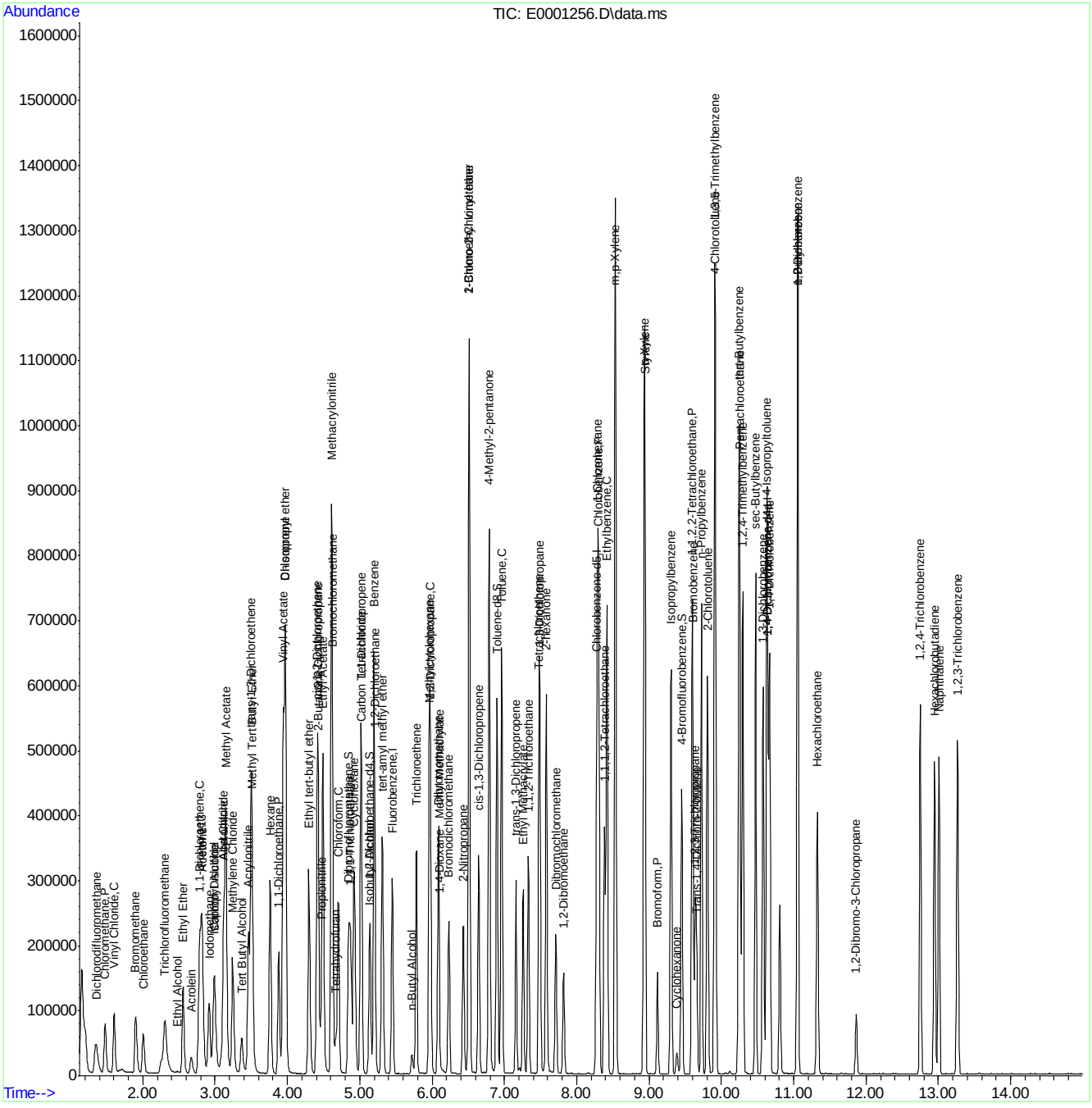
	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
91)	2-Chlorotoluene	9.807	91	318380	66.60 ug/L	99
92)	4-Chlorotoluene	9.917	91	378312	67.37 ug/L	99
93)	1,3,5-Trimethylbenzene	9.911	105	377959	67.74 ug/L	100
94)	Pentachloroethane	10.252	167	69169	70.02 ug/L	95
95)	sec-Butylbenzene	10.472	105	497678	66.82 ug/L	99
96)	1,3-Dichlorobenzene	10.576	146	233592	66.41 ug/L	98
97)	4-Isopropyltoluene	10.624	119	407895	67.16 ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	241293	65.82 ug/L	99
99)	tert-Butylbenzene	10.246	91	215689	66.84 ug/L	98
100)	n-Butylbenzene	11.057	91	412764	66.81 ug/L	97
101)	1,2-Dichlorobenzene	11.051	146	227941	66.97 ug/L	98
102)	1,2,4-Trimethylbenzene	10.295	105	385900	67.16 ug/L	100
103)	Hexachloroethane	11.325	119	67867	70.61 ug/L	95
104)	1,2-Dibromo-3-Chloropr...	11.862	75	20252	67.64 ug/L	93
105)	1,2,4-Trichlorobenzene	12.752	180	171779	66.63 ug/L	99
106)	Hexachlorobutadiene	12.947	225	91006	64.00 ug/L	96
107)	Naphthalene	13.008	128	378463	68.06 ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	161860	64.60 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

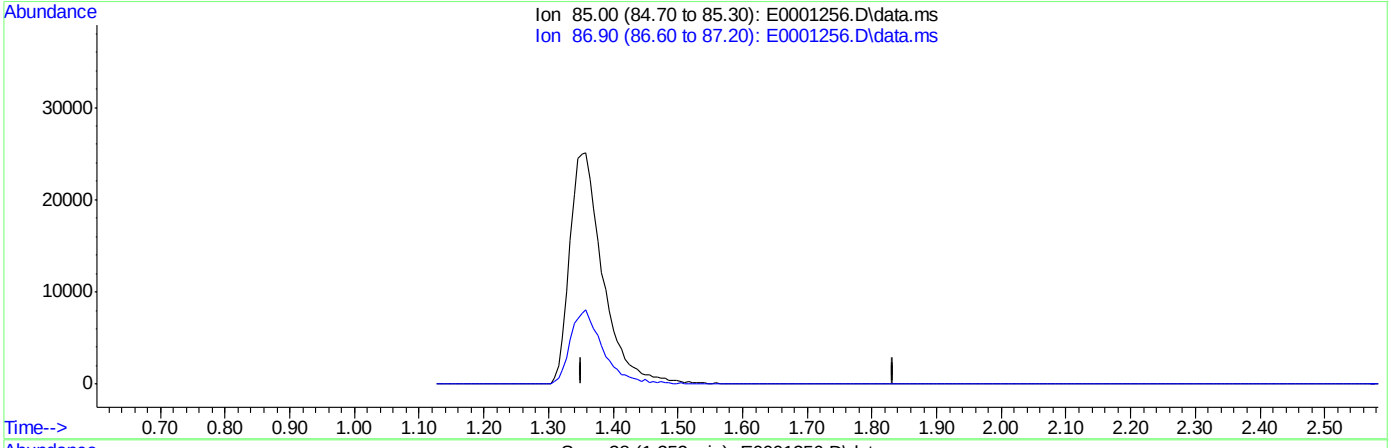
Quant Time: Aug 18 08:53:40 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration

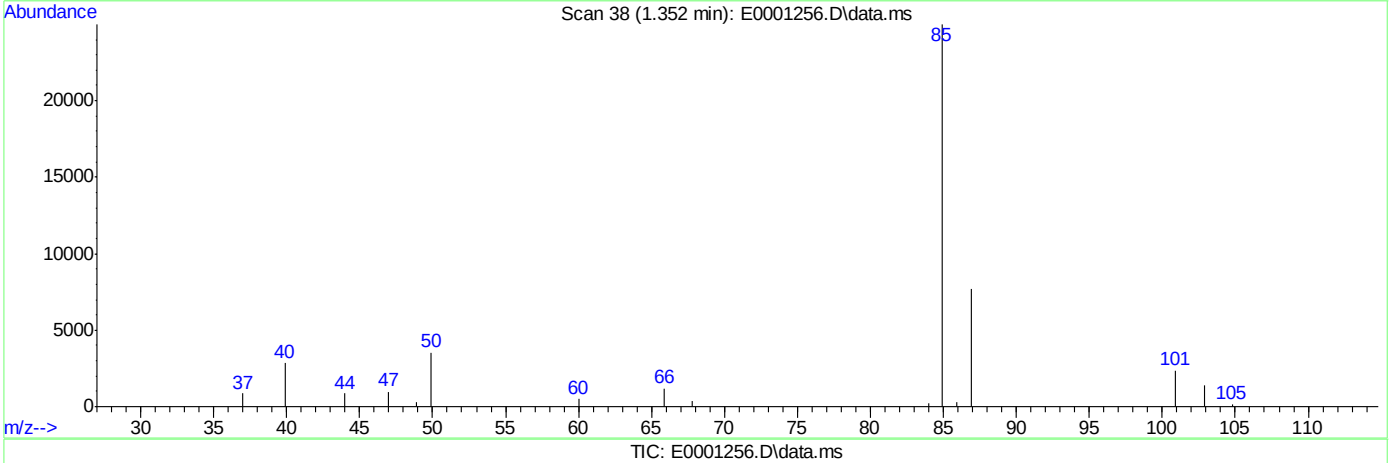


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:51:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration





TIC: E0001256.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

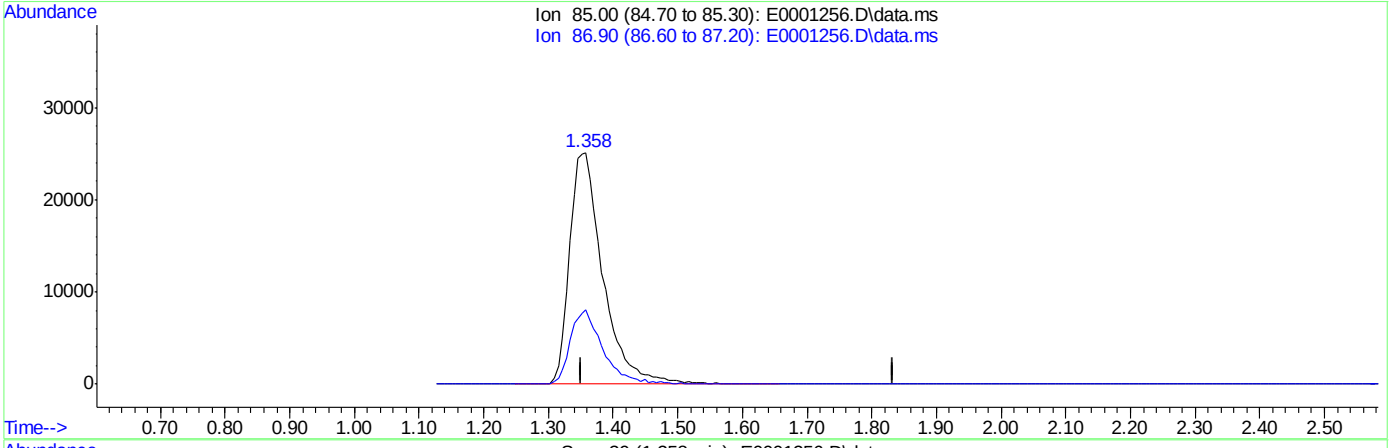
response 0

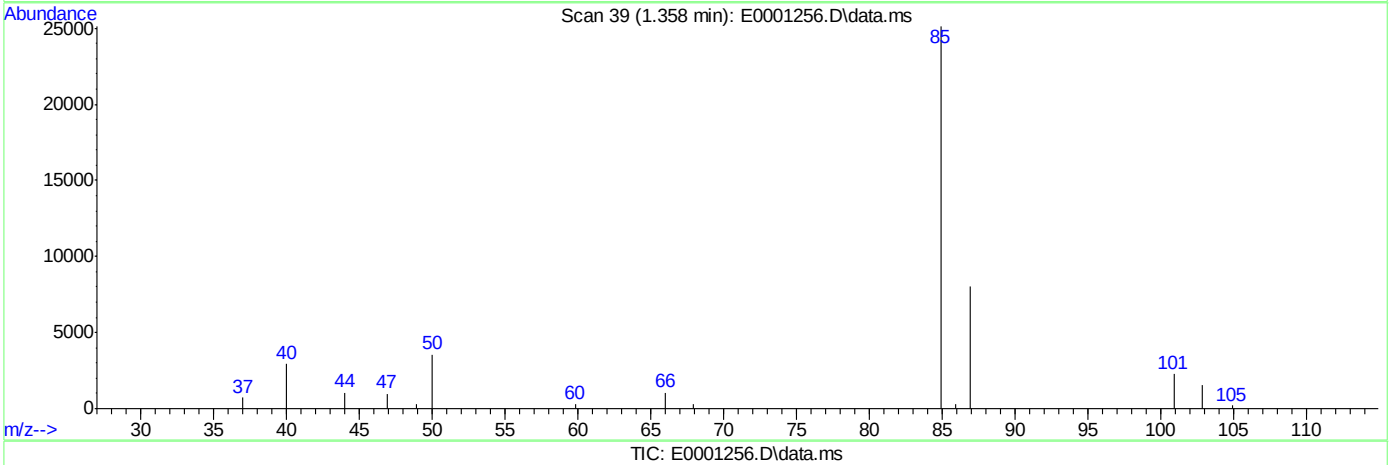
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:51:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration





TIC: E0001256.D\data.ms

(2) Dichlorodifluoromethane

1.358min (+0.006) 66.99ug/L m

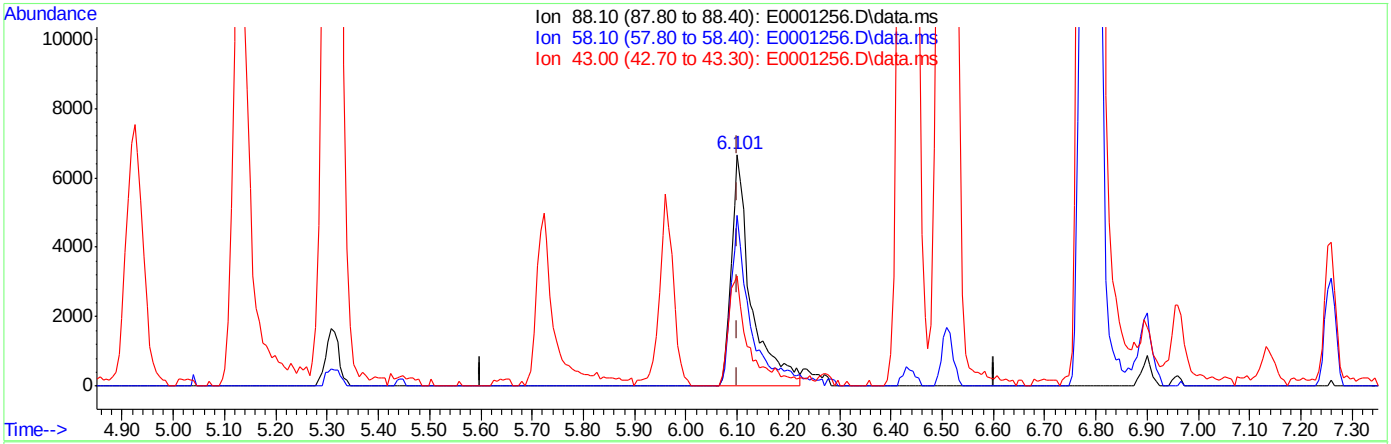
response 90387

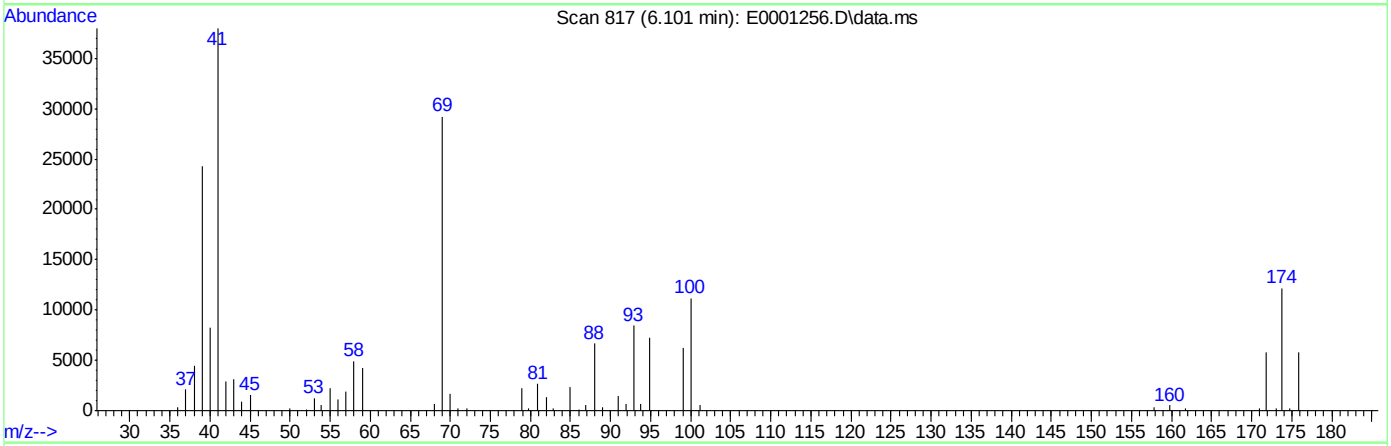
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	31.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:51:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration





TIC: E0001256.D\data.ms

(56) 1,4-Dioxane

6.101min (-0.000) 1282.61ug/L

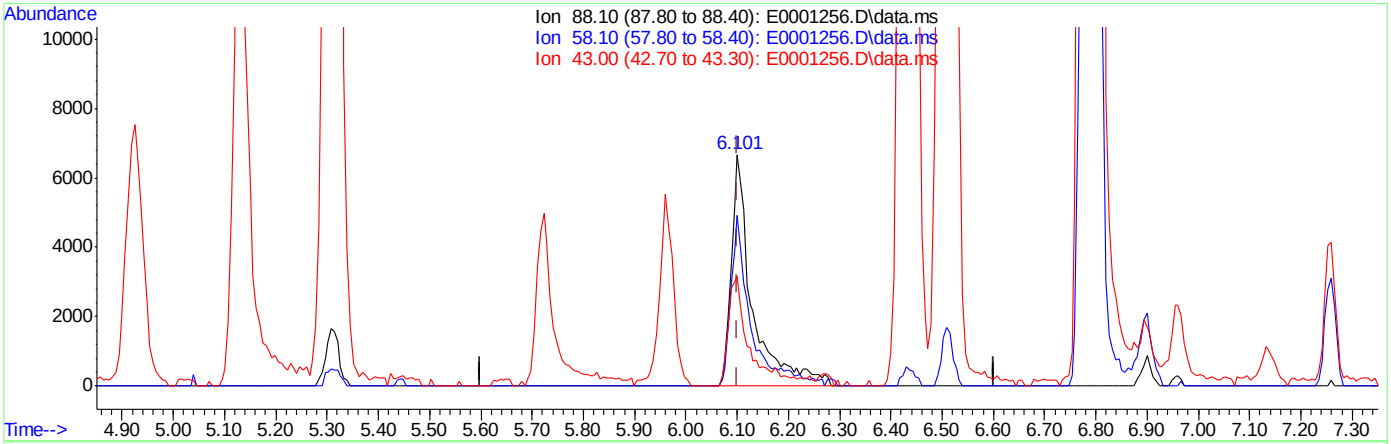
response 17945

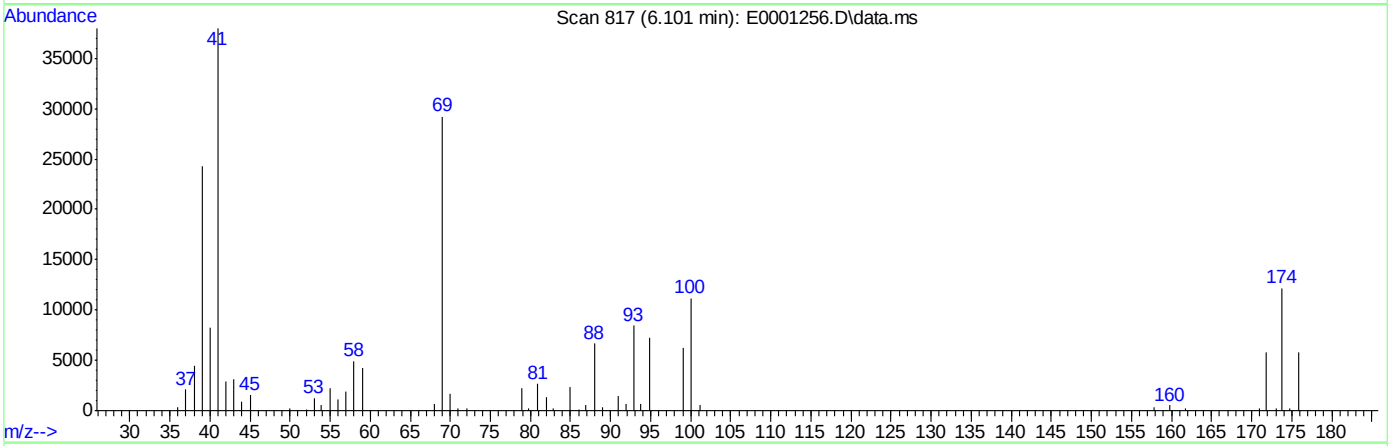
Ion	Exp%	Act%
88.10	100	100
58.10	72.90	73.85
43.00	44.50	47.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001256.D
Acq On : 17 Aug 2010 6:28 pm
Operator : mikeh1
Sample : ic77-70
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 08:51:55 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 08:51:46 2010
Response via : Initial Calibration





TIC: E0001256.D\data.ms

(56) 1,4-Dioxane

6.101min (-0.000) 1367.59ug/L m

response 19134

Ion	Exp%	Act%
88.10	100	100
58.10	72.90	73.85
43.00	44.50	47.38
0.00	0.00	0.00

E0001257.D

Manual Integrations APPROVED (compounds with "m" flag)

Jennifer Laidlaw 08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:04:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	231016	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	176112	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	100743	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	100743	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	134008	103.06	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 206.12%#			
46) 1,2-Dichloroethane-d4	5.144	65	175949	99.39	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 198.78%#			
64) Toluene-d8	6.899	98	485368	100.76	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 201.52%#			
85) 4-Bromofluorobenzene	9.454	95	189590	102.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 204.34%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.364	85	130011m	95.14	ug/L	
3) Chloromethane	1.498	50	136971	97.19	ug/L	98
4) Vinyl Chloride	1.620	62	135494	96.68	ug/L	98
5) Bromomethane	1.919	94	102623	100.99	ug/L	99
6) Chloroethane	2.016	64	91680	99.73	ug/L	98
7) Trichlorofluoromethane	2.321	101	200573	99.40	ug/L	98
8) Ethyl Alcohol	2.492	45	6490	893.00	ug/kg	90
9) Ethyl Ether	2.571	59	112361	97.53	ug/L	96
10) Acrolein	2.681	56	39599	507.47	ug/L	98
11) 1,1-Dichloroethene	2.797	61	202831	97.07	ug/L	99
12) Freon 113	2.821	101	126867	92.40	ug/L	96
13) Acetone	2.833	43	208085	439.81	ug/L	100
14) Iodomethane	2.925	142	210949	97.81	ug/L	99
15) Isopropyl Alcohol	3.004	45	62939	949.40	ug/kg	98
16) Methyl Acetate	3.156	43	748744	485.19	ug/L	99
17) Carbon Disulfide	3.004	76	379252	97.89	ug/L	99
18) Methylene Chloride	3.254	49	187248	89.36	ug/L	99
19) Tert Butyl Alcohol	3.382	59	87403	986.49	ug/L	94
20) Allyl Chloride	3.126	41	293916	99.69	ug/L	98
21) Acetonitrile	3.126	41	293916	498.47	ug/L	98
22) trans-1,2-Dichloroethene	3.504	61	197119	97.31	ug/L	98
23) Acrylonitrile	3.473	53	260925	490.16	ug/L	98
24) Methyl Tert Butyl Ether	3.516	73	366222	103.10	ug/L	98
25) Hexane	3.766	57	186915	95.43	ug/L	99
26) 1,1-Dichloroethane	3.888	63	243140	99.35	ug/L	100
27) Vinyl Acetate	3.949	43	1282975	537.14	ug/L	100
28) Di-isopropyl ether	3.979	45	490864	101.93	ug/L	87
29) Chloroprene	3.973	53	228780	102.13	ug/L	100
30) Ethyl tert-butyl ether	4.309	59	393484	105.14	ug/L	97
31) 2,2-Dichloropropane	4.424	77	167667	102.98	ug/L	96
32) cis-1,2-Dichloroethene	4.418	96	141539	99.82	ug/L	95
33) Ethyl Acetate	4.498	43	762749	496.48	ug/L	99
34) 2-Butanone	4.430	43	333891	488.09	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:04:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.479	54	97547	489.89	ug/L	95
36) Methacrylonitrile	4.619	41	485962	493.96	ug/L	99
37) Bromochloromethane	4.632	128	78322	99.72	ug/L	98
38) Chloroform	4.711	83	257203	97.76	ug/kg	99
39) Tetrahydrofuran	4.674	42	42170	94.57	ug/L	96
40) 1,1,1-Trichloroethane	4.876	97	205730	101.44	ug/L	97
42) Cyclohexane	4.930	56	228924	99.76	ug/L	99
43) n-Butyl Alcohol	5.723	56	25337	1144.80	ug/L	96
44) 1,1-Dichloropropene	5.022	75	194918	99.84	ug/L	98
45) Carbon Tetrachloride	5.022	117	195056	101.52	ug/L	97
47) Benzene	5.205	78	555567	98.81	ug/L	99
48) Isobutyl Alcohol	5.138	43	49505	1086.22	ug/L	94
49) 1,2-Dichloroethane	5.211	62	223812	97.79	ug/L	97
50) tert-amyl methyl ether	5.314	73	343719	109.69	ug/L	98
51) Trichloroethene	5.784	95	144027	99.30	ug/L	96
52) Methylcyclohexane	5.967	83	228151	98.08	ug/L	97
53) Methyl Methacrylate	6.095	41	134964	104.19	ug/L	95
54) 1,2-Dichloropropane	5.979	63	144198	99.56	ug/L	94
55) Dibromomethane	6.083	93	94471	98.01	ug/kg	97
56) 1,4-Dioxane	6.107	88	27823m	2065.81	ug/L	
57) Bromodichloromethane	6.235	83	191894	103.24	ug/L	99
58) 2-Nitropropane	6.436	41	195636	574.29	ug/L	98
59) 2-Chloroethyl vinyl ether	6.515	63	725424	514.71	ug/L	97
60) 1-Bromo-2-Chloroethane	6.515	63	725424	102.94	ug/kg	98
61) 4-Methyl-2-pentanone	6.790	43	758597	510.95	ug/L	99
62) cis-1,3-Dichloropropene	6.650	75	230867	109.35	ug/L	97
65) Toluene	6.960	91	609739	99.15	ug/L	100
66) Ethyl Methacrylate	7.259	69	182574	109.88	ug/L	97
67) trans-1,3-Dichloropropene	7.162	75	202785	112.90	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	111198	97.51	ug/L	99
69) Tetrachloroethene	7.485	166	166111	96.10	ug/L	97
70) 2-hexanone	7.576	43	535913	510.94	ug/L	100
71) 1,3-Dichloropropane	7.497	76	232258	97.69	ug/L	97
72) Dibromochloromethane	7.710	129	150884	105.46	ug/L	99
73) 1,2-Dibromoethane	7.820	107	138619	101.10	ug/L	99
74) 1-Chlorohexane	8.289	91	193322	101.86	ug/L	97
75) Chlorobenzene	8.308	112	396308	97.82	ug/L	97
76) 1,1,1,2-Tetrachloroethane	8.387	131	142983	101.57	ug/L	99
77) Ethylbenzene	8.418	91	687222	99.96	ug/L	100
78) m,p-Xylene	8.533	91	1076510	203.95	ug/L	99
79) o-Xylene	8.930	91	548480	103.33	ug/L	99
80) Styrene	8.942	104	453032	104.40	ug/L	98
81) Bromoform	9.119	173	105094	111.86	ug/L	99
83) Isopropylbenzene	9.308	105	585489	101.97	ug/L	99
84) Cyclohexanone	9.381	55	20773	476.49	ug/L	96
86) Bromobenzene	9.606	156	187325	100.68	ug/L	99
87) 1,1,2,2-Tetrachloroethane	9.600	83	178172	97.32	ug/L	99
88) Trans-1,4-Dichloro-2-b...	9.661	53	49897	112.18	ug/L	96
89) 1,2,3-Trichloropropane	9.643	110	54152	96.04	ug/L	98
90) n-Propylbenzene	9.728	91	818537	101.74	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:04:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration

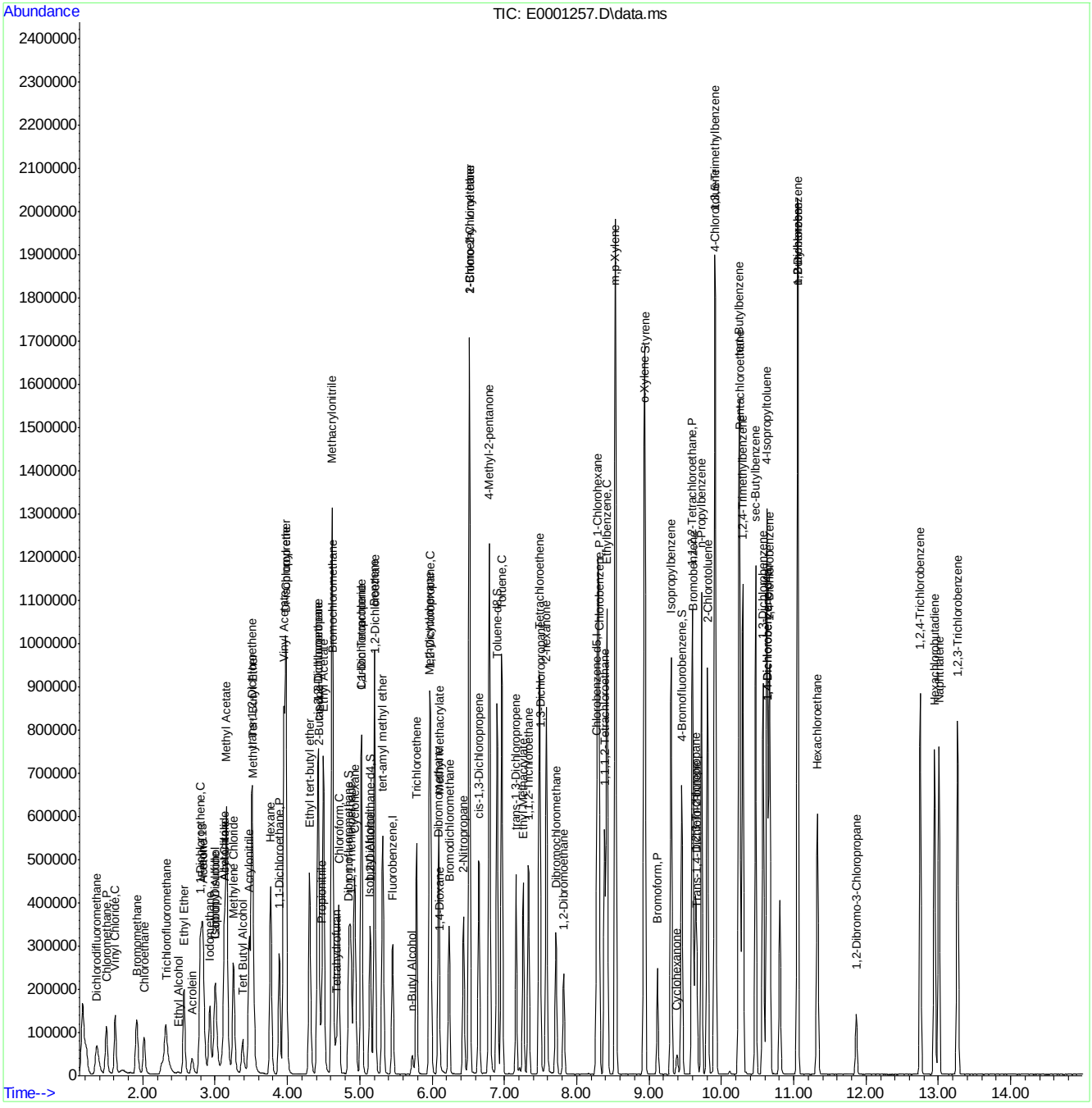
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.807	91	480072	100.23	ug/L	99
92)	4-Chlorotoluene	9.917	91	567450	100.79	ug/L	98
93)	1,3,5-Trimethylbenzene	9.911	105	577570	103.93	ug/L	99
94)	Pentachloroethane	10.253	167	108255	109.74	ug/L	96
95)	sec-Butylbenzene	10.472	105	760616	101.66	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	353008	99.15	ug/L	98
97)	4-Isopropyltoluene	10.630	119	629855	104.00	ug/L	100
98)	1,4-Dichlorobenzene	10.667	146	366415	98.61	ug/L	99
99)	tert-Butylbenzene	10.246	91	333579	103.56	ug/L	100
100)	n-Butylbenzene	11.057	91	634411	102.85	ug/L	98
101)	1,2-Dichlorobenzene	11.051	146	342191	98.16	ug/L	99
102)	1,2,4-Trimethylbenzene	10.295	105	586269	103.31	ug/L	99
103)	Hexachloroethane	11.325	119	104810	107.57	ug/L	95
104)	1,2-Dibromo-3-Chloropr...	11.868	75	31324	106.85	ug/L	95
105)	1,2,4-Trichlorobenzene	12.752	180	264706	101.99	ug/L	97
106)	Hexachlorobutadiene	12.947	225	139822	97.05	ug/L	97
107)	Naphthalene	13.008	128	582605	105.74	ug/L	100
108)	1,2,3-Trichlorobenzene	13.264	180	249922	99.71	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

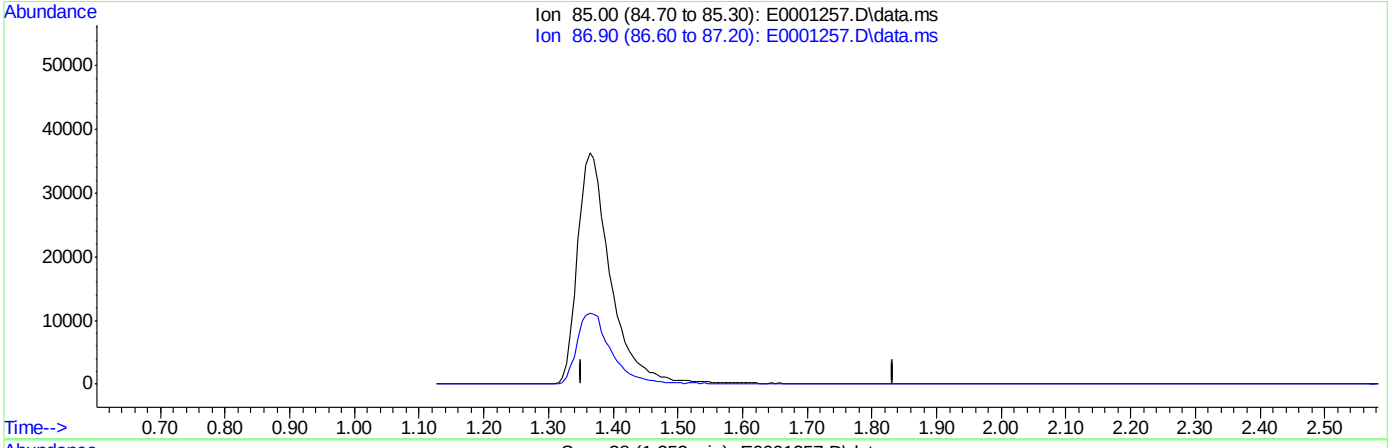
Quant Time: Aug 18 09:04:54 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration

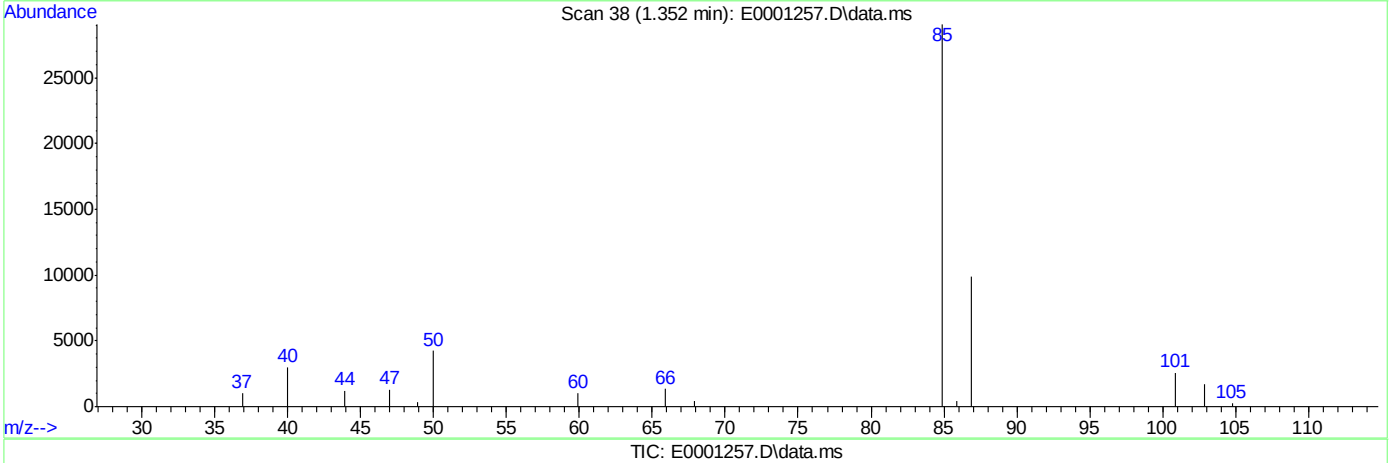


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:02:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration





TIC: E0001257.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

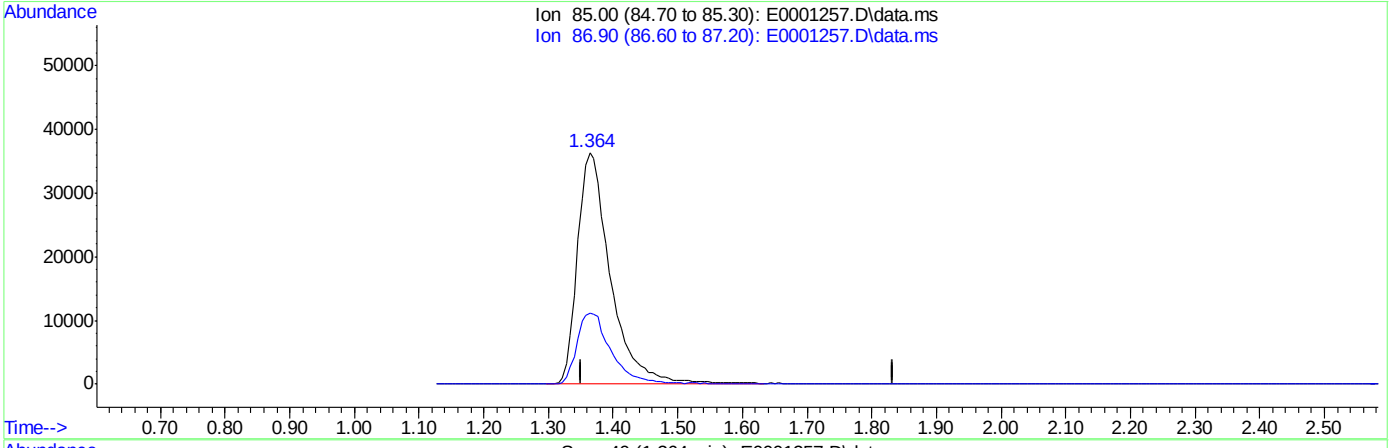
response 0

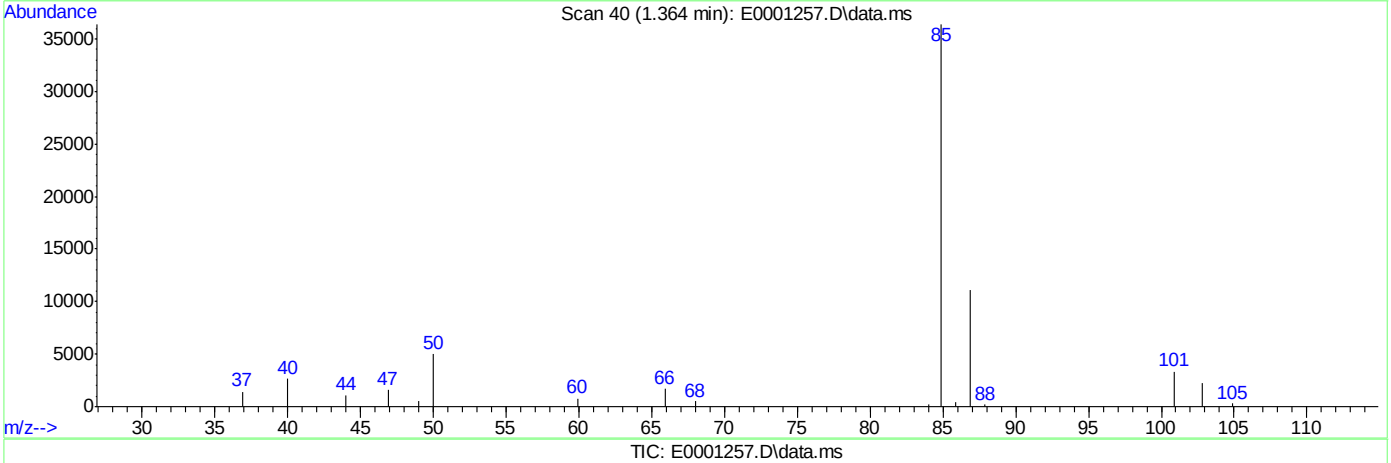
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:02:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration





TIC: E0001257.D\data.ms

(2) Dichlorodifluoromethane

1.364min (+0.012) 95.14ug/L m

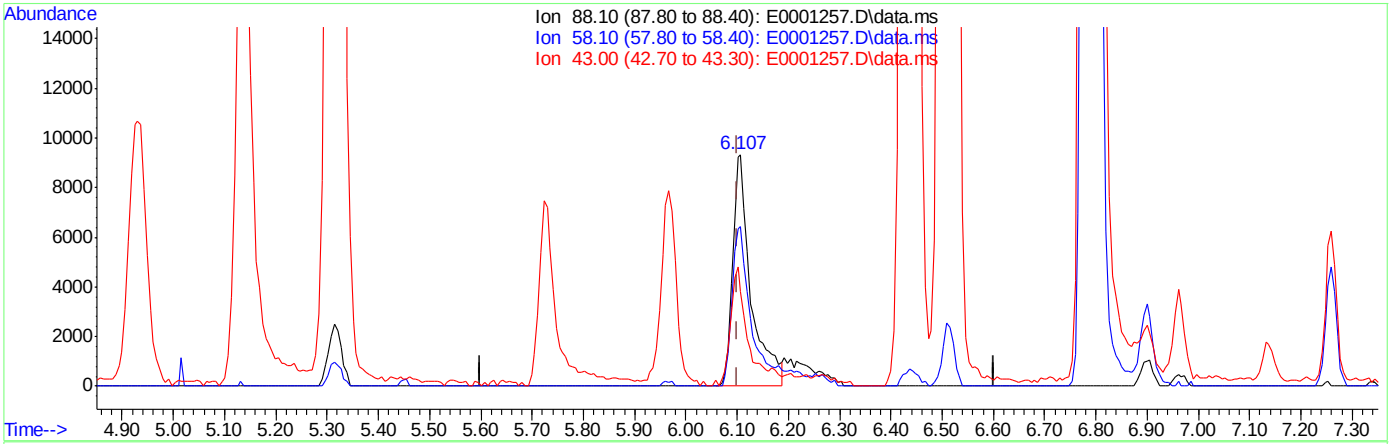
response 130011

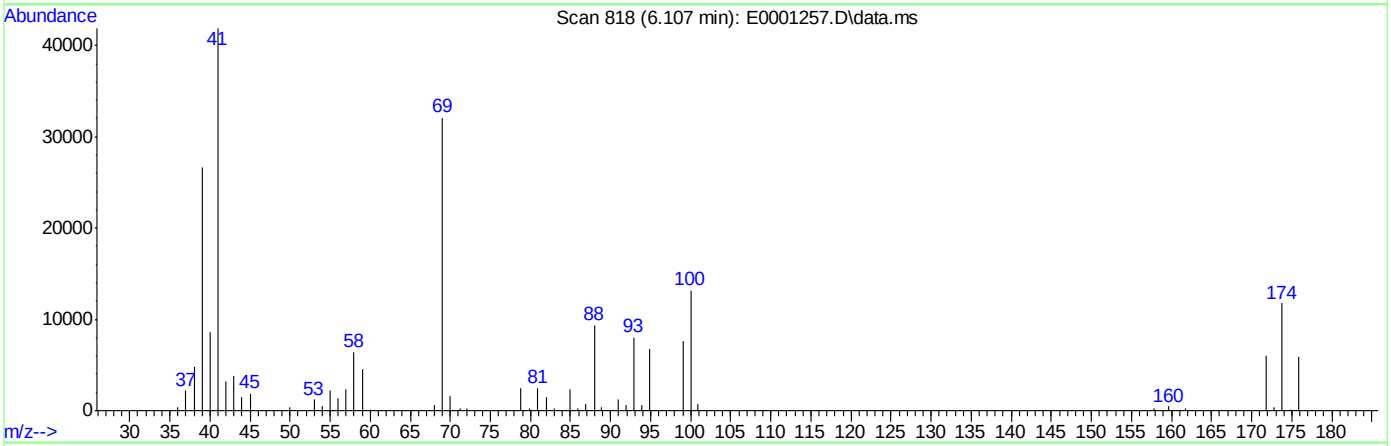
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:02:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration





TIC: E0001257.D\data.ms

(56) 1,4-Dioxane

6.107min (+0.006) 1726.13ug/L

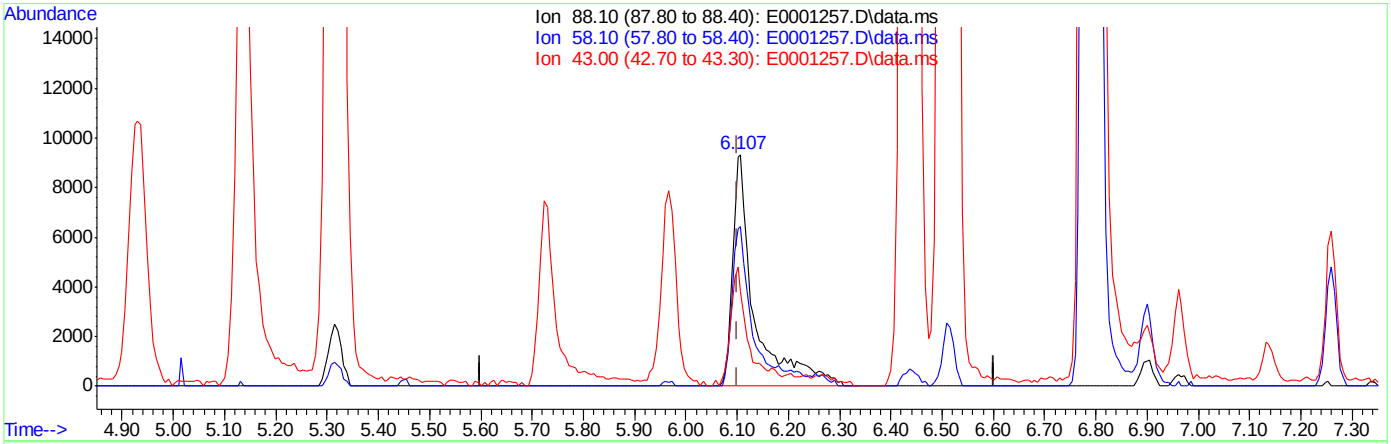
response 23248

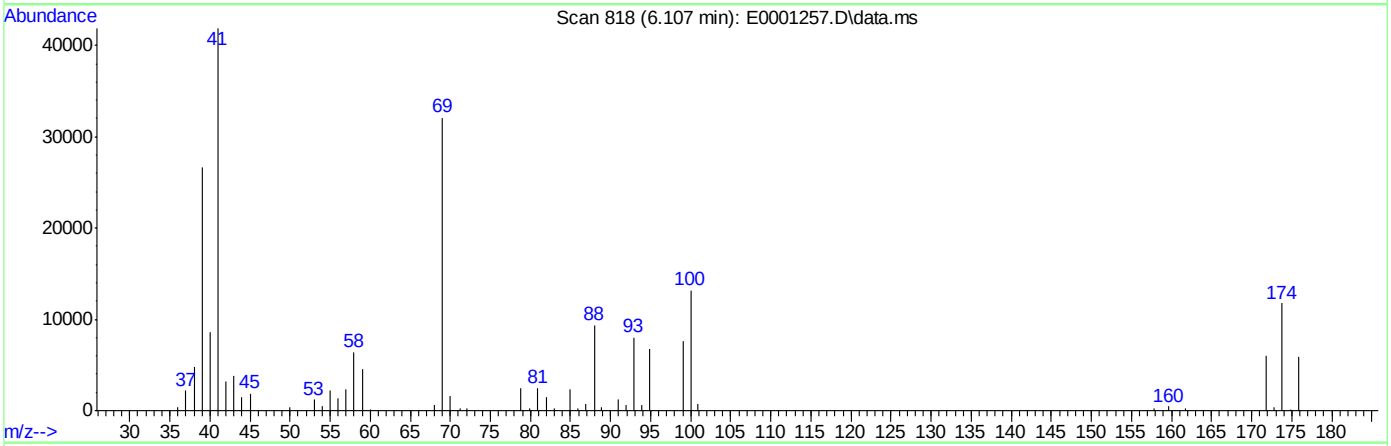
Ion	Exp%	Act%
88.10	100	100
58.10	72.90	69.05
43.00	44.50	38.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001257.D
Acq On : 17 Aug 2010 6:51 pm
Operator : mikeh1
Sample : ic77-100
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 18 09:02:24 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:00:15 2010
Response via : Initial Calibration





TIC: E0001257.D\data.ms

(56) 1,4-Dioxane

6.107min (+0.006) 2065.81ug/L m

response 27823

Ion	Exp%	Act%
88.10	100	100
58.10	72.90	69.05
43.00	44.50	40.64
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw 08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:09:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	242834	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	185036	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	107347	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	107347	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	287161	213.63	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 427.26%#			
46) 1,2-Dichloroethane-d4	5.144	65	376841	204.06	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 408.12%#			
64) Toluene-d8	6.900	98	1052162	211.85	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 423.70%#			
85) 4-Bromofluorobenzene	9.454	95	415464	212.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 425.40%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.364	85	267400m	195.26	ug/L	
3) Chloromethane	1.504	50	284093	193.98	ug/L	97
4) Vinyl Chloride	1.620	62	285836	198.21	ug/L	99
5) Bromomethane	1.919	94	226561	215.98	ug/L	97
6) Chloroethane	2.010	64	195686	206.33	ug/L	98
7) Trichlorofluoromethane	2.315	101	417030	201.97	ug/L	99
8) Ethyl Alcohol	2.498	45	13192	1774.30	ug/kg	88
9) Ethyl Ether	2.565	59	237776	197.77	ug/L	98
10) Acrolein	2.687	56	84730	1091.10	ug/L	100
11) 1,1-Dichloroethene	2.797	61	427485	196.48	ug/L	99
12) Freon 113	2.821	101	265754	188.95	ug/L	95
13) Acetone	2.833	43	450800	873.94	ug/L	98
14) Iodomethane	2.925	142	443887	199.01	ug/L	98
15) Isopropyl Alcohol	2.998	45	140485	2075.07	ug/kg	95
16) Methyl Acetate	3.156	43	1615733	1001.73	ug/L	99
17) Carbon Disulfide	3.004	76	804650	201.90	ug/L	99
18) Methylene Chloride	3.254	49	387754	169.79	ug/L	99
19) Tert Butyl Alcohol	3.382	59	196196	2153.45	ug/L	92
20) Allyl Chloride	3.126	41	625184	204.89	ug/L	98
21) Acetonitrile	3.126	41	625184	1024.46	ug/L	99
22) trans-1,2-Dichloroethene	3.504	61	417300	197.57	ug/L	98
23) Acrylonitrile	3.473	53	556334	1003.03	ug/L	97
24) Methyl Tert Butyl Ether	3.516	73	797413	215.62	ug/L	97
25) Hexane	3.766	57	389903	195.67	ug/L	98
26) 1,1-Dichloroethane	3.888	63	511439	200.84	ug/L	100
27) Vinyl Acetate	3.949	43	2787684	1122.50	ug/L	100
28) Di-isopropyl ether	3.979	45	1056545	210.98	ug/L	85
29) Chloroprene	3.973	53	489017	211.75	ug/L	98
30) Ethyl tert-butyl ether	4.309	59	860400	221.73	ug/L	98
31) 2,2-Dichloropropane	4.424	77	358652	213.54	ug/L	95
32) cis-1,2-Dichloroethene	4.418	96	299036	201.01	ug/L	95
33) Ethyl Acetate	4.498	43	1655434	1034.90	ug/L	99
34) 2-Butanone	4.431	43	724732	1009.18	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:09:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.479	54	213144	1022.47	ug/L	95
36) Methacrylonitrile	4.620	41	1058116	1032.91	ug/L	99
37) Bromochloromethane	4.632	128	166782	206.71	ug/L	99
38) Chloroform	4.705	83	543014	198.10	ug/kg	99
39) Tetrahydrofuran	4.674	42	93710	208.79	ug/L	97
40) 1,1,1-Trichloroethane	4.876	97	433809	206.91	ug/L	96
42) Cyclohexane	4.930	56	478373	201.56	ug/L	99
43) n-Butyl Alcohol	5.729	56	61805	2581.86	ug/L	93
44) 1,1-Dichloropropene	5.016	75	406869	200.70	ug/L	99
45) Carbon Tetrachloride	5.022	117	415780	210.71	ug/L	97
47) Benzene	5.205	78	1170524	200.48	ug/L	96
48) Isobutyl Alcohol	5.138	43	107747	2295.22	ug/L	96
49) 1,2-Dichloroethane	5.211	62	467847	197.18	ug/L	98
50) tert-amyl methyl ether	5.315	73	752309	229.71	ug/L	96
51) Trichloroethene	5.784	95	308261	204.54	ug/L	98
52) Methylcyclohexane	5.967	83	481540	201.21	ug/L	99
53) Methyl Methacrylate	6.095	41	300251	228.73	ug/L	94
54) 1,2-Dichloropropane	5.979	63	307636	206.52	ug/L	94
55) Dibromomethane	6.083	93	203714	204.48	ug/kg	97
56) 1,4-Dioxane	6.107	88	60524m	4247.16	ug/L	
57) Bromodichloromethane	6.229	83	418660	217.27	ug/L	99
58) 2-Nitropropane	6.436	41	447607	1256.51	ug/L	98
59) 2-Chloroethyl vinyl ether	6.516	63	1575567	1080.20	ug/L	98
60) 1-Bromo-2-Chloroethane	6.516	63	1575567	216.04	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	1665958	1082.65	ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	501088	228.65	ug/L	99
65) Toluene	6.961	91	1304784	204.10	ug/L	100
66) Ethyl Methacrylate	7.259	69	409615	241.43	ug/L	99
67) trans-1,3-Dichloropropene	7.162	75	442292	238.49	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	239021	199.59	ug/L	97
69) Tetrachloroethene	7.485	166	357659	198.54	ug/L	96
70) 2-hexanone	7.576	43	1177049	1098.45	ug/L	99
71) 1,3-Dichloropropane	7.497	76	493187	199.24	ug/L	97
72) Dibromochloromethane	7.710	129	332672	225.76	ug/L	100
73) 1,2-Dibromoethane	7.820	107	299786	209.02	ug/L	99
74) 1-Chlorohexane	8.290	91	417549	211.50	ug/L	96
75) Chlorobenzene	8.308	112	841574	197.95	ug/L	97
76) 1,1,1,2-Tetrachloroethane	8.387	131	310163	214.20	ug/L	100
77) Ethylbenzene	8.418	91	1476837	208.62	ug/L	99
78) m,p-Xylene	8.540	91	2312109	425.10	ug/L	99
79) o-Xylene	8.930	91	1180162	213.92	ug/L	98
80) Styrene	8.942	104	985133	221.06	ug/L	99
81) Bromoform	9.119	173	239315	247.39	ug/L	99
83) Isopropylbenzene	9.308	105	1262011	210.00	ug/L	99
84) Cyclohexanone	9.381	55	48674	1060.26	ug/L	98
86) Bromobenzene	9.606	156	398709	201.80	ug/L	99
87) 1,1,2,2-Tetrachloroethane	9.600	83	385189	199.51	ug/L	98
88) Trans-1,4-Dichloro-2-b...	9.661	53	112638	243.65	ug/L	92
89) 1,2,3-Trichloropropane	9.643	110	117225	198.79	ug/L	99
90) n-Propylbenzene	9.728	91	1737459	206.64	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:09:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration

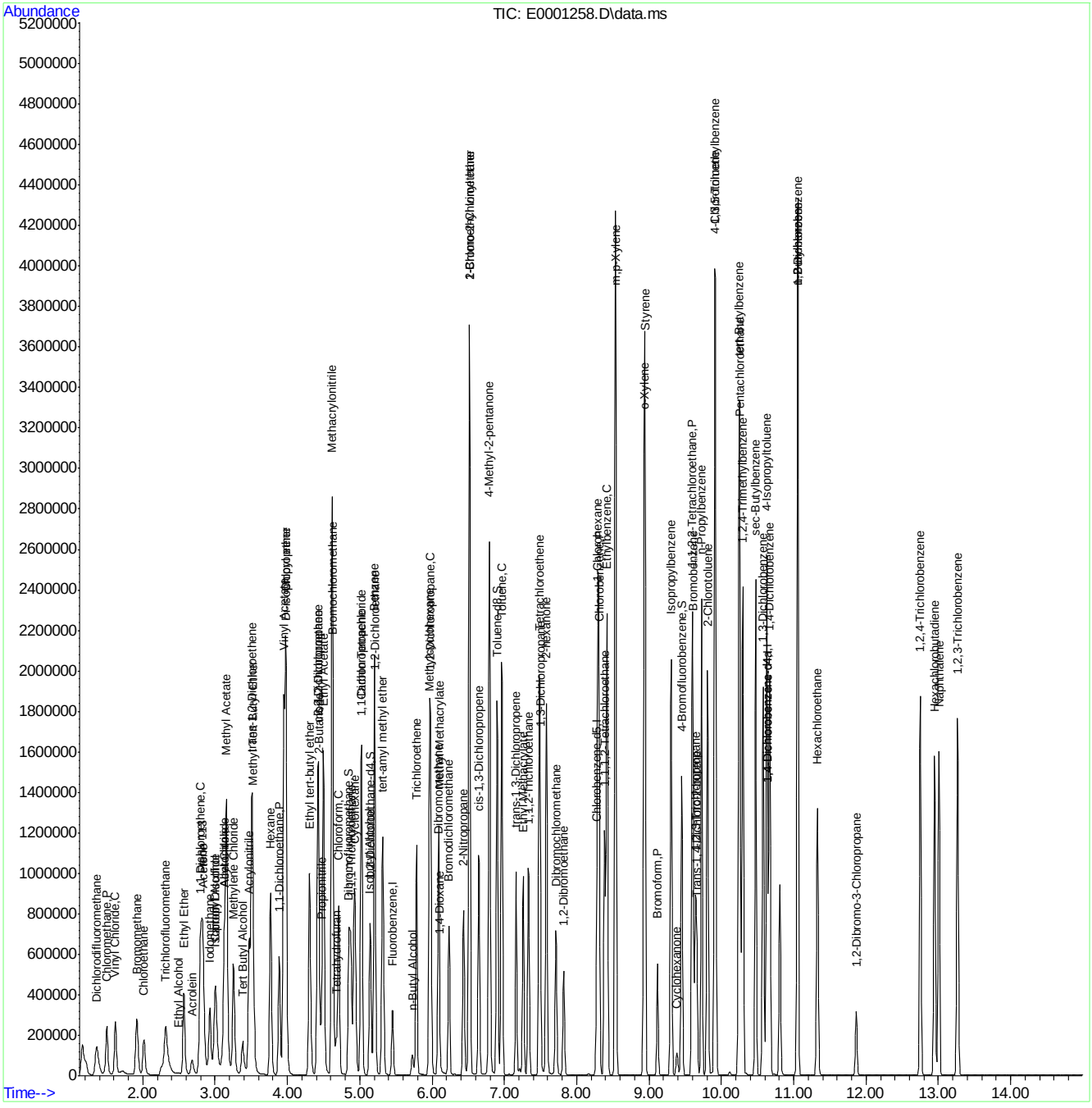
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	1032148	205.06	ug/L	99
92)	4-Chlorotoluene	9.917	91	1223633	208.41	ug/L	99
93)	1,3,5-Trimethylbenzene	9.911	105	1233091	213.86	ug/L	100
94)	Pentachloroethane	10.253	167	238409	231.20	ug/L	98
95)	sec-Butylbenzene	10.472	105	1609630	207.27	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	750597	199.37	ug/L	99
97)	4-Isopropyltoluene	10.631	119	1334410	211.69	ug/L	100
98)	1,4-Dichlorobenzene	10.667	146	776889	195.71	ug/L	100
99)	tert-Butylbenzene	10.247	91	714037	211.28	ug/L	99
100)	n-Butylbenzene	11.057	91	1356739	211.89	ug/L	97
101)	1,2-Dichlorobenzene	11.057	146	732636	200.50	ug/L	98
102)	1,2,4-Trimethylbenzene	10.295	105	1254616	212.77	ug/L	99
103)	Hexachloroethane	11.326	119	233068	226.69	ug/L	93
104)	1,2-Dibromo-3-Chloropr...	11.868	75	69857	221.55	ug/L	95
105)	1,2,4-Trichlorobenzene	12.752	180	573268	207.51	ug/L	99
106)	Hexachlorobutadiene	12.947	225	295730	194.40	ug/L	97
107)	Naphthalene	13.008	128	1267313	219.65	ug/L	100
108)	1,2,3-Trichlorobenzene	13.264	180	537493	202.69	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

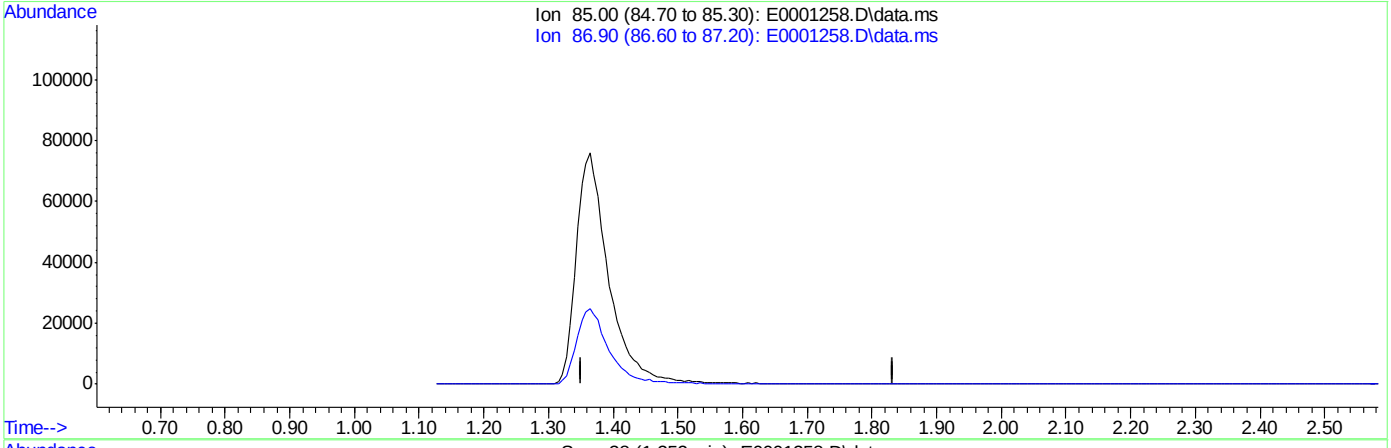
Quant Time: Aug 18 09:09:27 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration

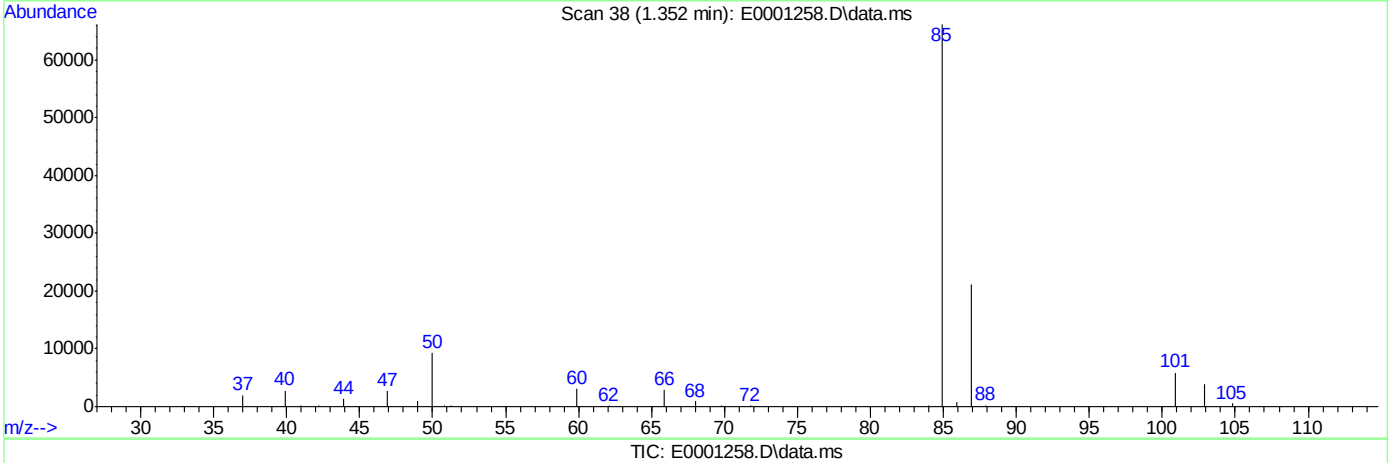


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:08:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration





(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

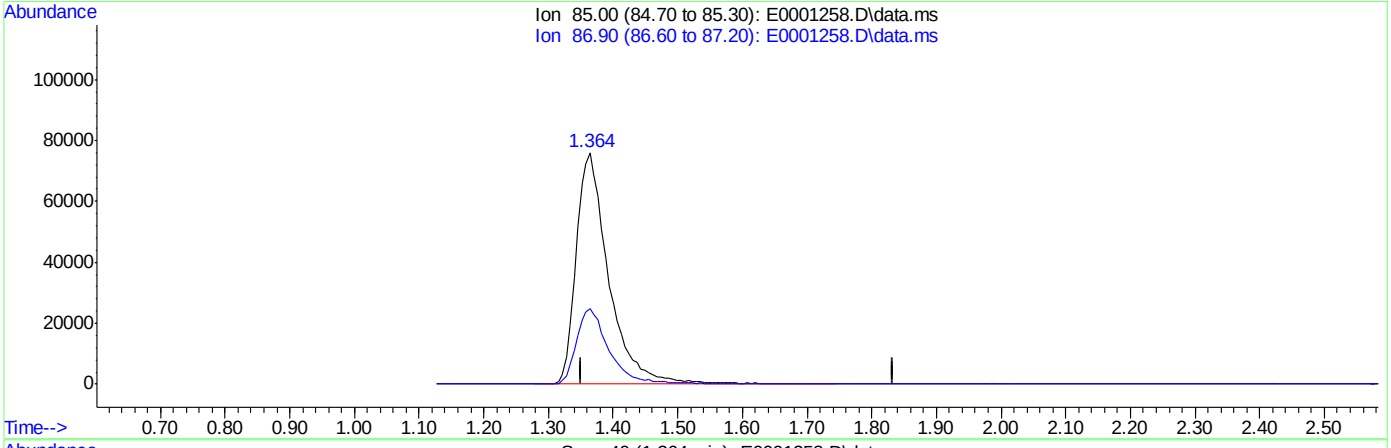
response 0

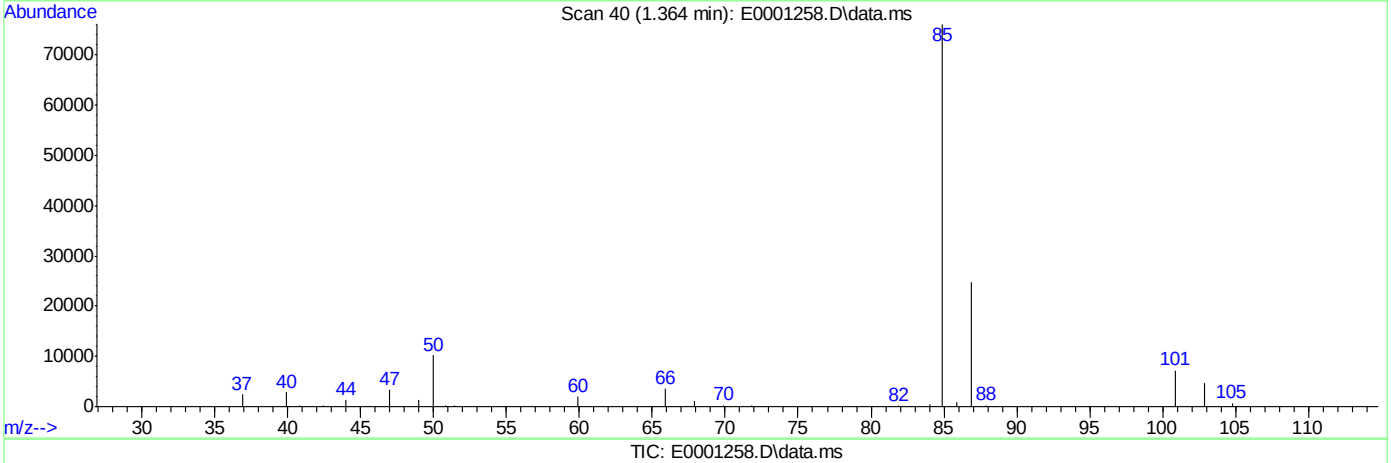
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:08:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration





TIC: E0001258.D\data.ms

(2) Dichlorodifluoromethane

1.364min (+0.012) 195.26ug/L m

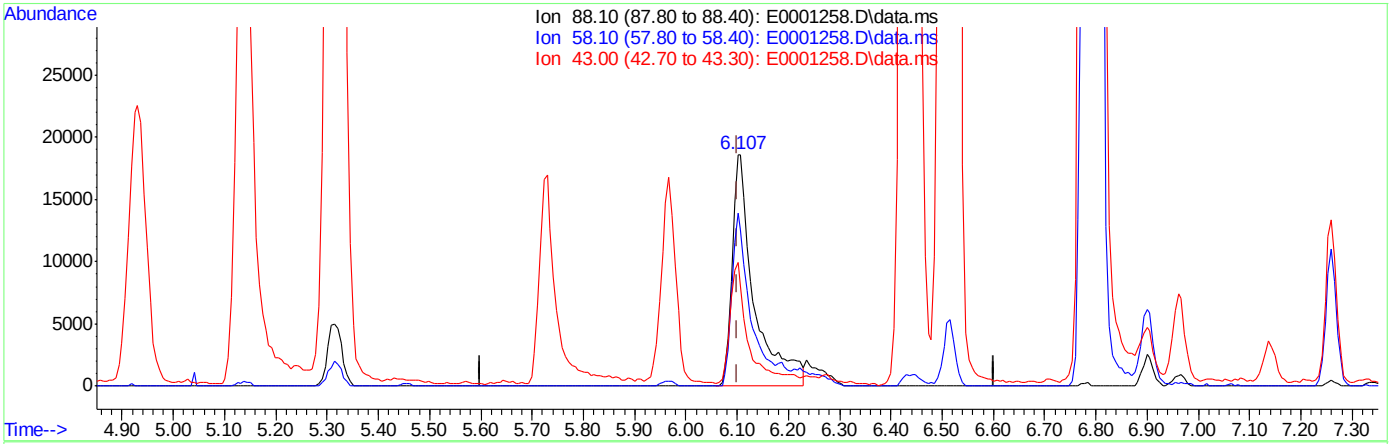
response 267400

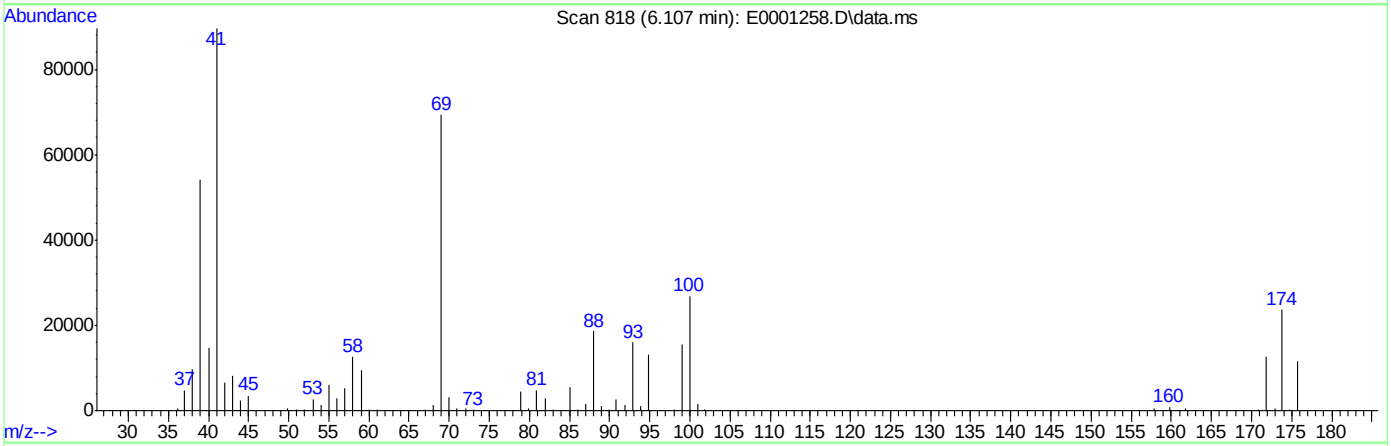
Ion	Exp%	Act%
85.00	100	100
86.90	30.10	32.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:08:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration





TIC: E0001258.D\data.ms

(56) 1,4-Dioxane

6.107min (+0.006) 3908.50ug/L

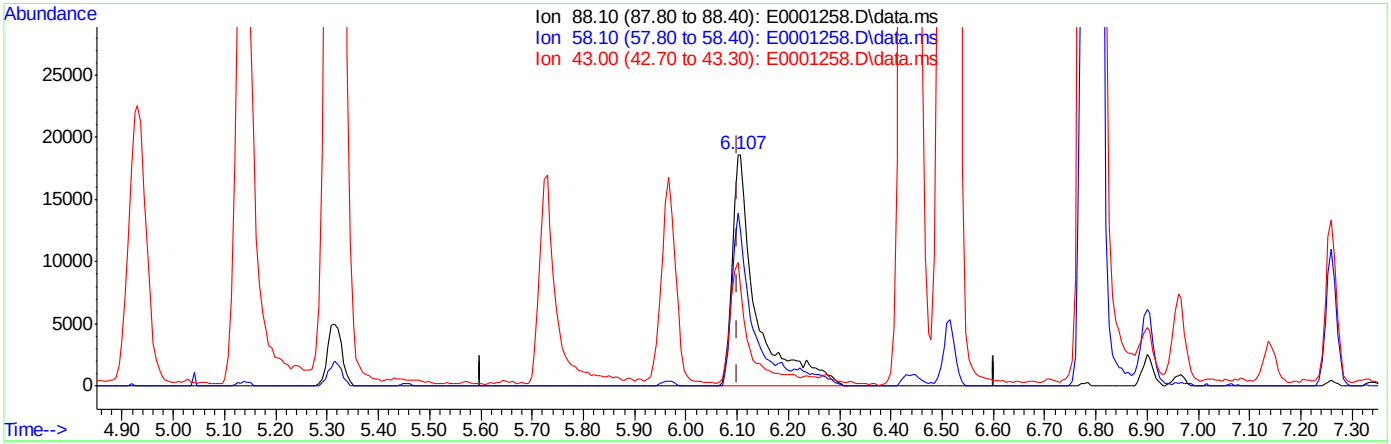
response 55698

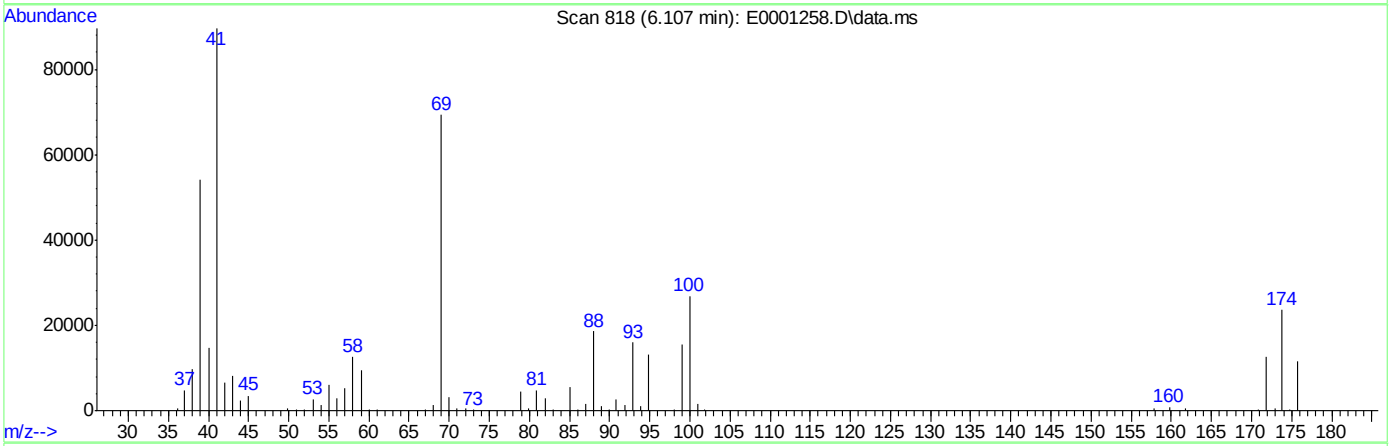
Ion	Exp%	Act%
88.10	100	100
58.10	72.90	67.48
43.00	44.50	42.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001258.D
Acq On : 17 Aug 2010 7:15 pm
Operator : mikeh1
Sample : ic77-200
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 18 09:08:00 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:07:50 2010
Response via : Initial Calibration





TIC: E0001258.D\data.ms

(56) 1,4-Dioxane

6.107min (+0.006) 4247.16ug/L m

response 60524

Ion	Exp%	Act%
88.10	100	100
58.10	72.90	67.48
43.00	44.50	43.36
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 13:58

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE078,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 09:25:41 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.455	96	229335	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	171209	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	96884	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	96884	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	60033	47.85	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 95.70%			
46) 1,2-Dichloroethane-d4	5.144	65	78467	44.45	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 88.90%			
64) Toluene-d8	6.899	98	219449	48.17	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 96.34%			
85) 4-Bromofluorobenzene	9.454	95	82620	47.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 94.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.364	85	36594m	28.39	ug/L	
3) Chloromethane	1.486	50	50767	37.61	ug/L	99
4) Vinyl Chloride	1.614	62	46048	35.23	ug/L	99
5) Bromomethane	1.913	94	36810	38.21	ug/L	96
6) Chloroethane	2.010	64	33198	36.40	ug/L	97
7) Trichlorofluoromethane	2.315	101	68550	34.40	ug/L	100
8) Ethyl Alcohol	2.486	45	6705	976.94	ug/kg	93
9) Ethyl Ether	2.571	59	46282	41.32	ug/L	99
10) Acrolein	2.687	56	13028	167.01	ug/L	97
11) 1,1-Dichloroethene	2.790	61	77193	39.47	ug/L	97
12) Freon 113	2.821	101	48265	37.43	ug/L	95
13) Acetone	2.833	43	94721	219.06	ug/L	94
14) Iodomethane	2.925	142	82635	40.46	ug/L	97
15) Isopropyl Alcohol	2.998	45	60395	893.73	ug/kg	99
16) Methyl Acetate	3.156	43	300178	197.29	ug/L	98
17) Carbon Disulfide	3.004	76	135785	37.64	ug/L	99
18) Methylene Chloride	3.254	49	78041	41.00	ug/L	98
19) Tert Butyl Alcohol	3.376	59	39047	460.86	ug/L	95
20) Allyl Chloride	3.126	41	157633	54.69	ug/L	89
21) Acetonitrile	3.126	41	157633	272.56	ug/L	88
22) trans-1,2-Dichloroethene	3.504	61	74782	38.77	ug/L	98
23) Acrylonitrile	3.473	53	120366	231.50	ug/L	97
24) Methyl Tert Butyl Ether	3.516	73	145073	41.53	ug/L	99
25) Hexane	3.766	57	70040	37.43	ug/L	99
26) 1,1-Dichloroethane	3.888	63	94825	40.37	ug/L	98
27) Vinyl Acetate	3.949	43	583898	250.06	ug/L	99
28) Di-isopropyl ether	3.973	45	192893	41.63	ug/L	95
29) Chloroprene	3.973	53	91773	42.53	ug/L	98
30) Ethyl tert-butyl ether	4.302	59	149560	40.99	ug/L	99
31) 2,2-Dichloropropane	4.424	77	62253	38.87	ug/L	93
32) cis-1,2-Dichloroethene	4.418	96	59726	43.35	ug/L	97
33) Ethyl Acetate	4.497	43	316063	209.21	ug/L	99
34) 2-Butanone	4.430	43	145662	216.19	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE078,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 09:25:41 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
35) Propionitrile	4.479	54	92113	466.14 ug/L	96
36) Methacrylonitrile	4.619	41	463919	478.61 ug/L	99
37) Bromochloromethane	4.625	128	31662	42.45 ug/L #	65
38) Chloroform	4.705	83	103869	40.62 ug/kg	99
39) Tetrahydrofuran	4.674	42	19230	44.10 ug/L	94
40) 1,1,1-Trichloroethane	4.875	97	76806	37.70 ug/L	95
42) Cyclohexane	4.930	56	85008	37.49 ug/L	98
43) n-Butyl Alcohol	5.723	56	26435	965.52 ug/L	95
44) 1,1-Dichloropropene	5.016	75	74781	40.41 ug/L	99
45) Carbon Tetrachloride	5.022	117	71950	37.31 ug/L	98
47) Benzene	5.205	78	218428	40.70 ug/L	98
48) Isobutyl Alcohol	5.138	43	49136	986.54 ug/L	99
49) 1,2-Dichloroethane	5.211	62	91562	41.39 ug/L	99
50) tert-amyl methyl ether	5.314	73	132160	43.08 ug/L	98
51) Trichloroethene	5.784	95	57164	41.35 ug/L	96
52) Methylcyclohexane	5.967	83	85222	37.48 ug/L	97
53) Methyl Methacrylate	6.095	41	59100	46.72 ug/L	94
54) 1,2-Dichloropropane	5.979	63	57790	41.60 ug/L	95
55) Dibromomethane	6.082	93	39412	42.77 ug/kg	96
56) 1,4-Dioxane	6.107	88	11002	809.16 ug/L	98
57) Bromodichloromethane	6.235	83	76058	42.16 ug/L	98
58) 2-Nitropropane	6.436	41	75023	195.42 ug/L	98
59) 2-Chloroethyl vinyl ether	6.515	63	296191	217.18 ug/L	98
60) 1-Bromo-2-Chloroethane	6.515	63	296191	43.44 ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	319524	223.19 ug/L	99
62) cis-1,3-Dichloropropene	6.643	75	88935	43.47 ug/L	97
65) Toluene	6.960	91	235942	41.07 ug/L	99
66) Ethyl Methacrylate	7.259	69	76807	43.01 ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	81043	41.70 ug/L	99
68) 1,1,2-Trichloroethane	7.332	83	46111	42.95 ug/L	96
69) Tetrachloroethene	7.485	166	65898	41.21 ug/L	93
70) 2-hexanone	7.576	43	222463	224.90 ug/L	99
71) 1,3-Dichloropropane	7.497	76	92999	40.99 ug/L	98
72) Dibromochloromethane	7.710	129	59007	44.09 ug/L	97
73) 1,2-Dibromoethane	7.820	107	57500	43.81 ug/L	100
74) 1-Chlorohexane	8.289	91	71026	39.78 ug/L	97
75) Chlorobenzene	8.308	112	158850	41.25 ug/L	97
76) 1,1,1,2-Tetrachloroethane	8.387	131	56695	43.33 ug/L	98
77) Ethylbenzene	8.417	91	266424	41.81 ug/L	100
78) m,p-Xylene	8.533	91	415812	85.09 ug/L	99
79) o-Xylene	8.929	91	210761	42.40 ug/L	98
80) Styrene	8.942	104	171471	42.52 ug/L	99
81) Bromoform	9.118	173	39572	38.98 ug/L	99
83) Isopropylbenzene	9.307	105	259345	49.42 ug/L	100
84) Cyclohexanone	9.381	55	23889	569.70 ug/L	95
86) Bromobenzene	9.606	156	72969	41.65 ug/L	97
87) 1,1,2,2-Tetrachloroethane	9.600	83	73975	43.19 ug/L	99
88) Trans-1,4-Dichloro-2-b...	9.661	53	18325	38.80 ug/L	96
89) 1,2,3-Trichloropropane	9.637	110	20812	39.61 ug/L	99
90) n-Propylbenzene	9.728	91	310316	42.33 ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE078,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 09:25:41 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

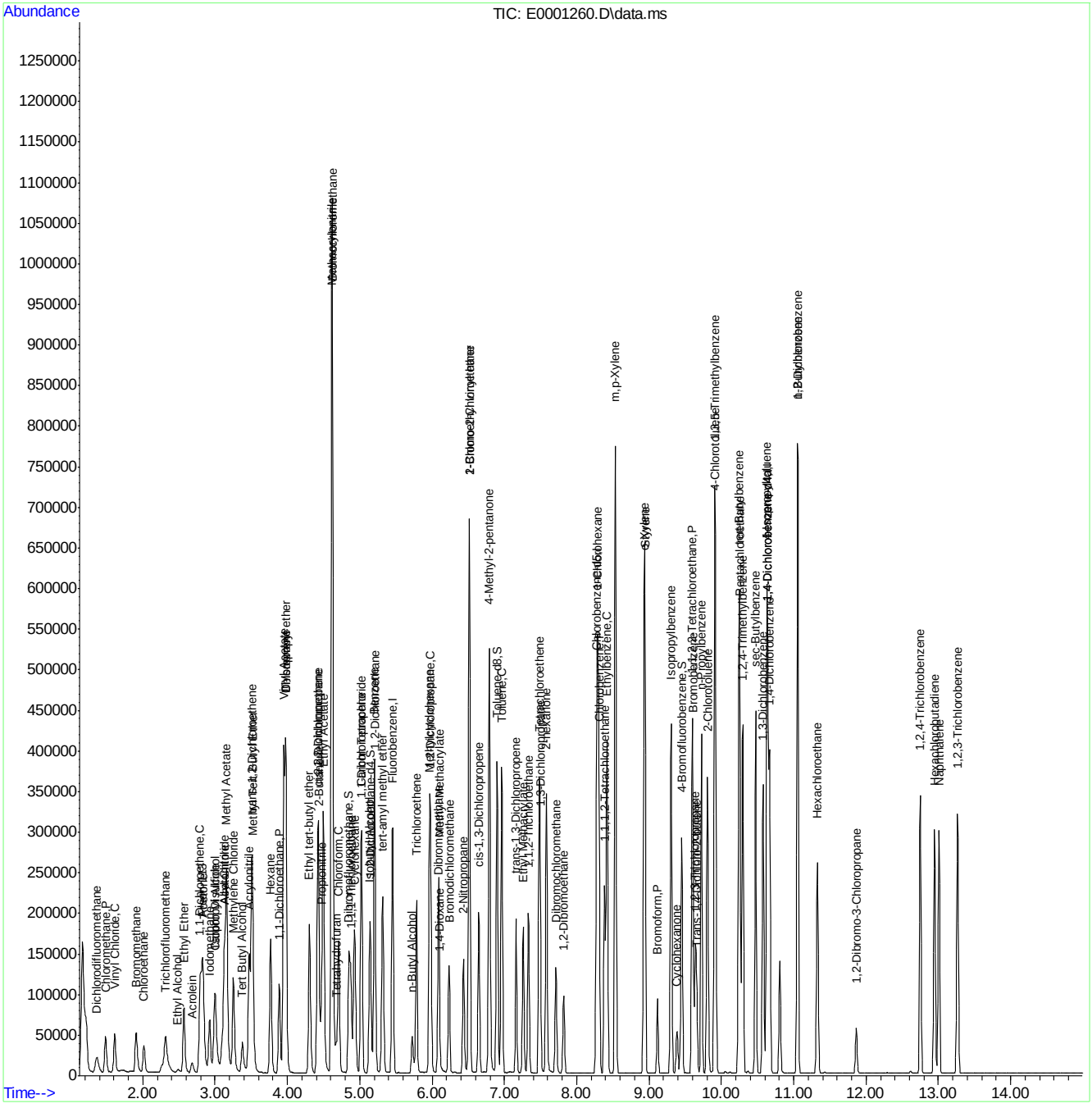
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.807	91	188287	42.46	ug/L	98
92)	4-Chlorotoluene	9.917	91	221001	42.92	ug/L	99
93)	1,3,5-Trimethylbenzene	9.911	105	218562	39.77	ug/L	98
94)	Pentachloroethane	10.252	167	40484	43.01	ug/L	100
95)	sec-Butylbenzene	10.472	105	287523	39.72	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	136930	40.79	ug/L	98
97)	4-Isopropyltoluene	10.630	119	236258	39.61	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	143744	40.56	ug/L	99
99)	tert-Butylbenzene	10.246	91	126961	42.87	ug/L	98
100)	n-Butylbenzene	11.051	91	232470	41.58	ug/L	99
101)	1,2-Dichlorobenzene	11.051	146	135548	41.80	ug/L	99
102)	1,2,4-Trimethylbenzene	10.295	105	226283	43.83	ug/L	100
103)	Hexachloroethane	11.325	119	43071	46.84	ug/L	98
104)	1,2-Dibromo-3-Chloropr...	11.868	75	12299	42.56	ug/L	93
105)	1,2,4-Trichlorobenzene	12.752	180	104807	42.60	ug/L	98
106)	Hexachlorobutadiene	12.947	225	55749	42.33	ug/L	97
107)	Naphthalene	13.008	128	232293	44.94	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	99436	42.13	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE078,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

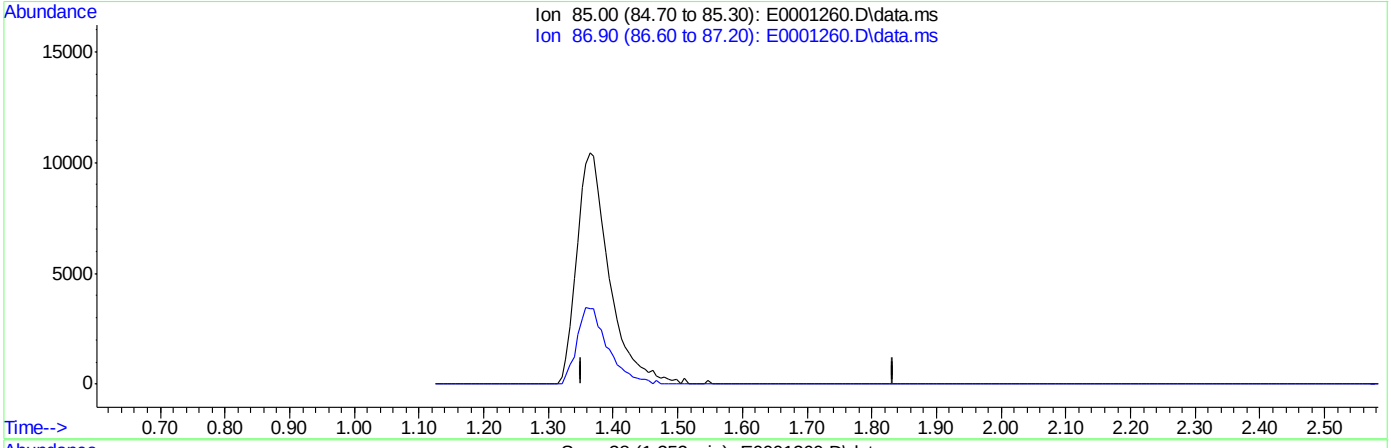
Quant Time: Aug 18 09:25:41 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

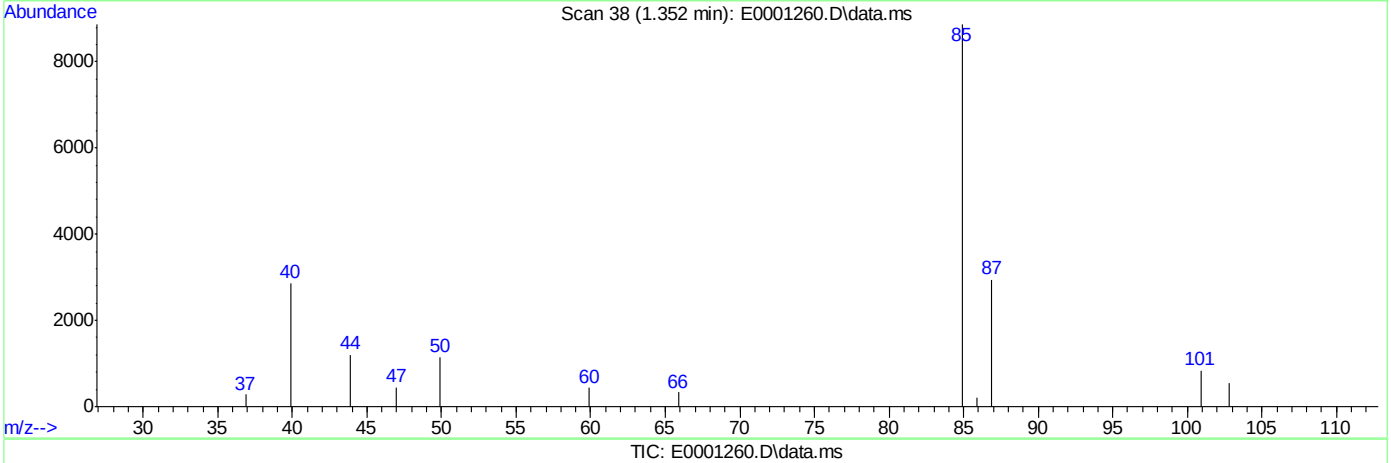


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 09:25:34 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001260.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

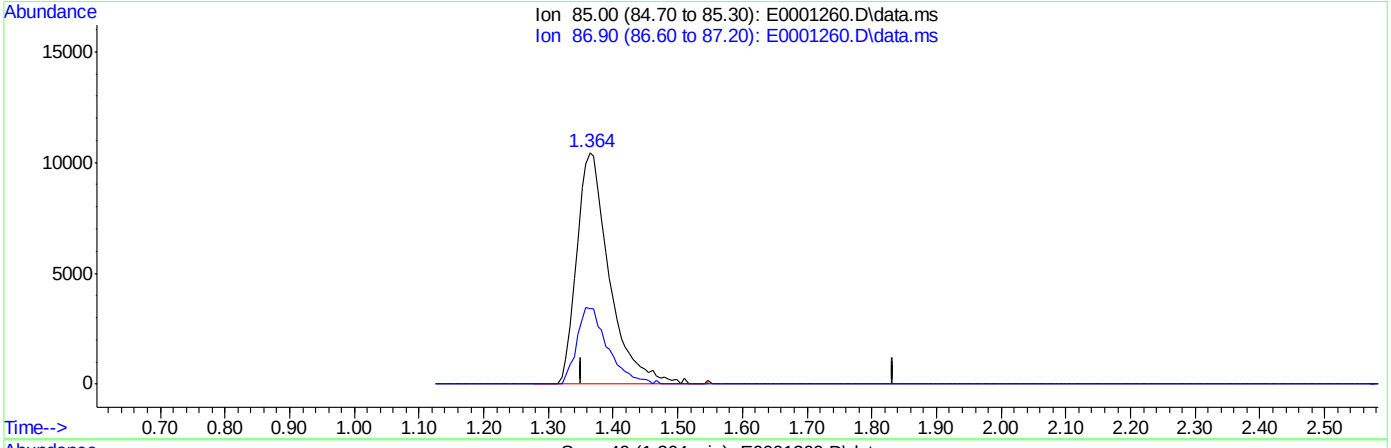
response 0

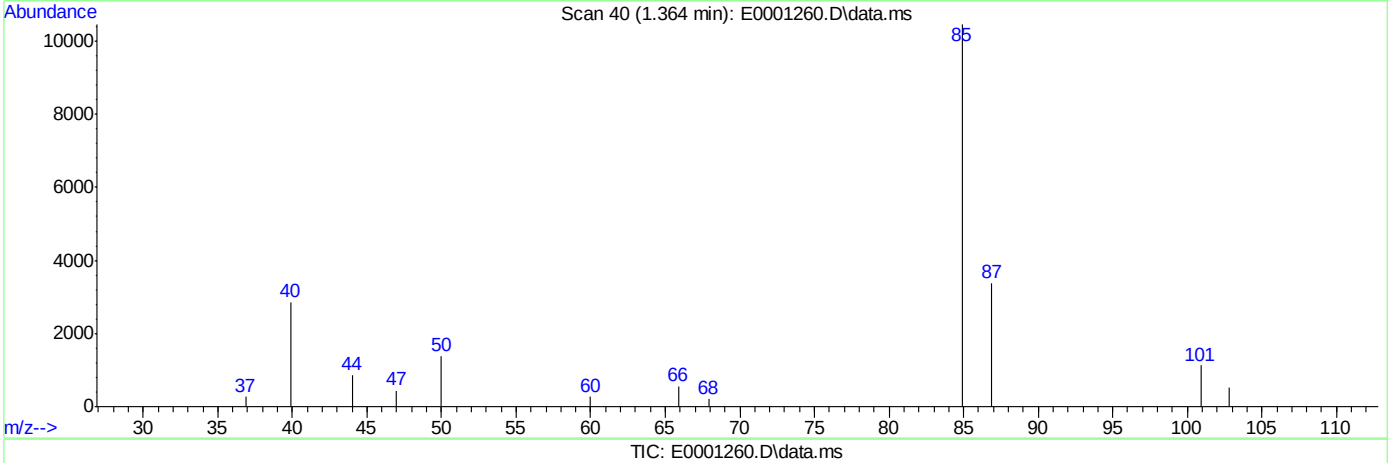
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E076\
Data File : E0001260.D
Acq On : 17 Aug 2010 8:02 pm
Operator : mikeh1
Sample : icv77-40
Misc : ms8282,VE077,5,,,5,,Water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 18 09:25:34 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001260.D\data.ms

(2) Dichlorodifluoromethane

1.364min (+0.012) 28.39ug/L m

response 36594

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	32.39
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/07/10 14:33

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	202479	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	151421	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	82646	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	82646	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	23450	21.17	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 42.34%#			
46) 1,2-Dichloroethane-d4	5.144	65	31664	20.32	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 40.64%#			
64) Toluene-d8	6.900	98	85424	21.20	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 42.40%#			
85) 4-Bromofluorobenzene	9.454	95	32134	21.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 42.88%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.358	85	22471m	19.75	ug/L	
3) Chloromethane	1.492	50	26606	22.32	ug/L	99
4) Vinyl Chloride	1.614	62	25259	21.89	ug/L	97
5) Bromomethane	1.913	94	18769	22.07	ug/L	99
6) Chloroethane	2.016	64	16751	20.98	ug/L	92
7) Trichlorofluoromethane	2.309	101	33776	19.04	ug/L	99
8) Ethyl Alcohol	2.565	45	17085	2819.52	ug/kg	70
9) Ethyl Ether	2.565	59	20594	20.82	ug/L	98
10) Acrolein	2.675	56	6171	91.48	ug/L	100
11) 1,1-Dichloroethene	2.791	61	34845	20.65	ug/L	98
12) Freon 113	2.815	101	20839	17.71	ug/L	94
13) Acetone	2.827	43	43065	109.79	ug/L	99
14) Iodomethane	2.919	142	35796	19.85	ug/L	96
15) Isopropyl Alcohol	2.992	45	13243	221.96	ug/kg	92
16) Methyl Acetate	3.150	43	140199	104.36	ug/L	99
17) Carbon Disulfide	3.004	76	63357	19.89	ug/L	96
18) Methylene Chloride	3.248	49	35574	20.23	ug/L	99
19) Tert Butyl Alcohol	3.370	59	19088	255.17	ug/L	90
20) Allyl Chloride	3.126	41	51361	20.18	ug/L	97
21) Acetonitrile	3.126	41	51361	100.59	ug/L	97
22) trans-1,2-Dichloroethene	3.504	61	34382	20.19	ug/L	98
23) Acrylonitrile	3.467	53	48164	104.92	ug/L	95
24) Methyl Tert Butyl Ether	3.510	73	65272	21.16	ug/L	97
25) Hexane	3.766	57	31510	18.73	ug/L	98
26) 1,1-Dichloroethane	3.888	63	42860	20.67	ug/L	96
27) Vinyl Acetate	3.943	43	219789	106.61	ug/L	99
28) Di-isopropyl ether	3.973	45	84762	20.72	ug/L	92
29) Chloroprene	3.973	53	38194	20.05	ug/L	94
30) Ethyl tert-butyl ether	4.303	59	68137	21.15	ug/L	97
31) 2,2-Dichloropropane	4.418	77	29756	21.04	ug/L	94
32) cis-1,2-Dichloroethene	4.412	96	24132	19.84	ug/L	92
33) Ethyl Acetate	4.498	43	142006	106.47	ug/L	98
34) 2-Butanone	4.424	43	64919	109.13	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	17803	102.04	ug/L	96
36) Methacrylonitrile	4.613	41	91223	106.59	ug/L	97
37) Bromochloromethane	4.626	128	13150	19.97	ug/L	94
38) Chloroform	4.705	83	44366	19.65	ug/kg	98
39) Tetrahydrofuran	4.674	42	8790	22.99	ug/L	95
40) 1,1,1-Trichloroethane	4.870	97	34071	19.06	ug/L	96
42) Cyclohexane	4.924	56	37092	18.45	ug/L	96
43) n-Butyl Alcohol	5.717	56	5027	261.42	ug/L	90
44) 1,1-Dichloropropene	5.016	75	33526	20.52	ug/L	98
45) Carbon Tetrachloride	5.022	117	31801	18.99	ug/L	97
47) Benzene	5.199	78	96263	20.32	ug/L	98
48) Isobutyl Alcohol	5.132	43	10225	247.43	ug/L	99
49) 1,2-Dichloroethane	5.211	62	39623	20.29	ug/L	98
50) tert-amyl methyl ether	5.315	73	59480	21.96	ug/L	96
51) Trichloroethene	5.784	95	24974	20.46	ug/L	98
52) Methylcyclohexane	5.967	83	35862	17.83	ug/L	95
53) Methyl Methacrylate	6.095	41	24789	22.19	ug/L	97
54) 1,2-Dichloropropane	5.979	63	26057	21.25	ug/L	97
55) Dibromomethane	6.083	93	16868	20.73	ug/kg	98
56) 1,4-Dioxane	6.107	88	4276	356.20	ug/L	86
57) Bromodichloromethane	6.229	83	32284	20.27	ug/L	100
58) 2-Nitropropane	6.436	41	36371	115.01	ug/L	95
59) 2-Chloroethyl vinyl ether	6.509	63	127059	105.52	ug/L	99
60) 1-Bromo-2-Chloroethane	6.509	63	127059	21.10	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	145824	115.37	ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	38074	21.08	ug/L	99
65) Toluene	6.961	91	104501	20.57	ug/L	100
66) Ethyl Methacrylate	7.259	69	30965	20.90	ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	32767	20.21	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	20308	21.39	ug/L	95
69) Tetrachloroethene	7.485	166	27291	19.30	ug/L	97
70) 2-hexanone	7.576	43	103878	118.74	ug/L	99
71) 1,3-Dichloropropane	7.491	76	41457	20.66	ug/L	97
72) Dibromochloromethane	7.710	129	24426	20.64	ug/L	99
73) 1,2-Dibromoethane	7.820	107	24860	21.42	ug/L	100
74) 1-Chlorohexane	8.290	91	31918	20.21	ug/L	99
75) Chlorobenzene	8.308	112	67594	19.84	ug/L	96
76) 1,1,1,2-Tetrachloroethane	8.387	131	23550	20.35	ug/L	95
77) Ethylbenzene	8.418	91	114736	20.36	ug/L	100
78) m,p-Xylene	8.533	91	179837	41.61	ug/L	98
79) o-Xylene	8.930	91	90601	20.61	ug/L	99
80) Styrene	8.942	104	72117	20.22	ug/L	99
81) Bromoform	9.119	173	16056	19.54	ug/L	96
83) Isopropylbenzene	9.308	105	94565	21.12	ug/L	98
84) Cyclohexanone	9.381	55	9415	263.21	ug/L	94
86) Bromobenzene	9.600	156	30831	20.63	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.600	83	32775	22.43	ug/L	99
88) Trans-1,4-Dichloro-2-b...	9.655	53	8139	21.49	ug/L #	70
89) 1,2,3-Trichloropropane	9.643	110	9835	21.94	ug/L	93
90) n-Propylbenzene	9.722	91	132334	21.16	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

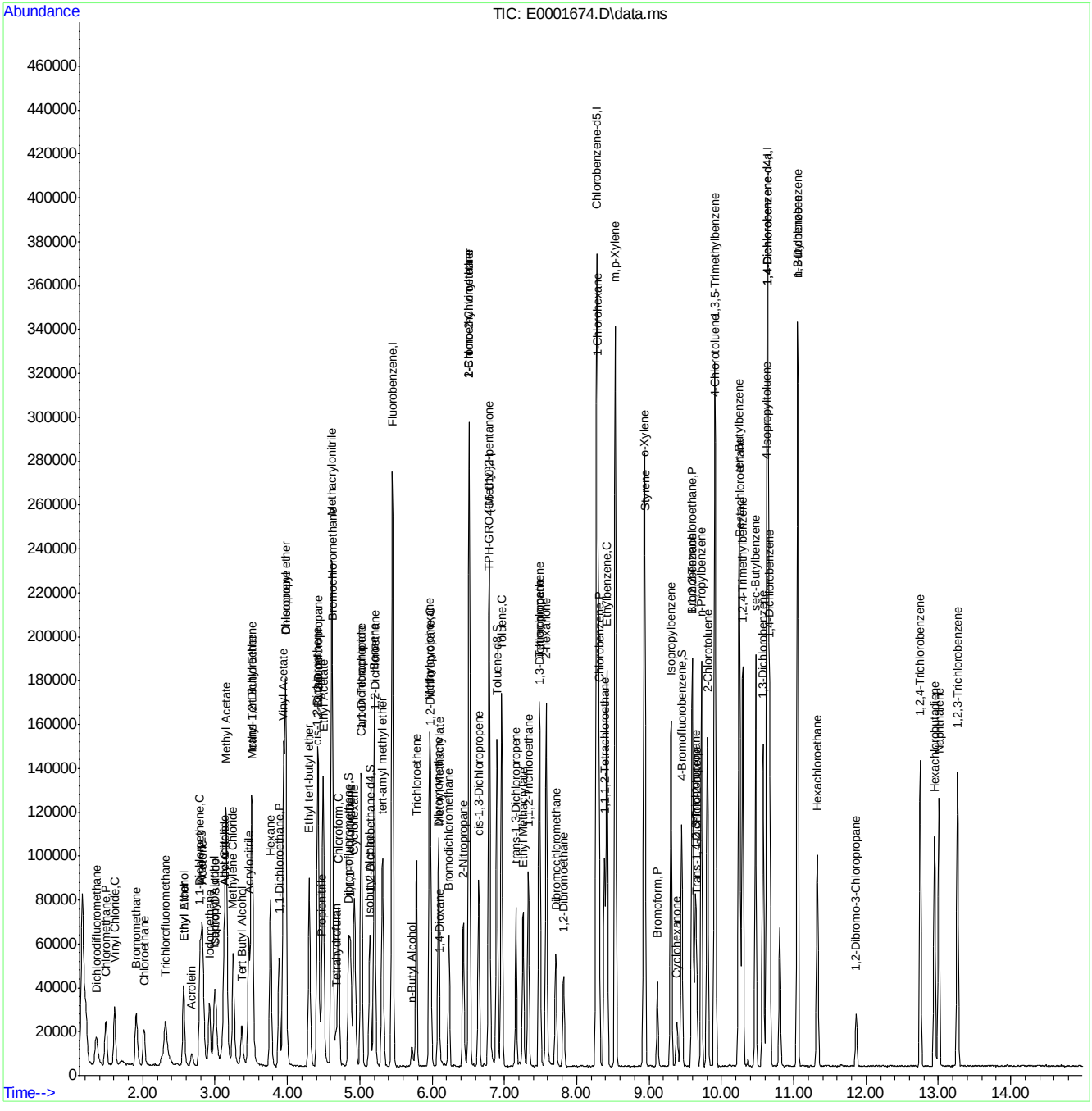
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	79648	21.06	ug/L	99
92)	4-Chlorotoluene	9.917	91	92926	21.15	ug/L	96
93)	1,3,5-Trimethylbenzene	9.911	105	92841	20.08	ug/L	99
94)	Pentachloroethane	10.253	167	17037	21.22	ug/L	94
95)	sec-Butylbenzene	10.472	105	119845	19.49	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	56438	19.71	ug/L	98
97)	4-Isopropyltoluene	10.624	119	98926	19.67	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	60008	19.85	ug/L	98
99)	tert-Butylbenzene	10.246	91	53720	21.27	ug/L	98
100)	n-Butylbenzene	11.051	91	99795	20.92	ug/L	97
101)	1,2-Dichlorobenzene	11.051	146	55183	19.95	ug/L	97
102)	1,2,4-Trimethylbenzene	10.295	105	94498	21.46	ug/L	99
103)	Hexachloroethane	11.326	119	16412	20.92	ug/L	97
104)	1,2-Dibromo-3-Chloropr...	11.862	75	5457	22.14	ug/L	92
105)	1,2,4-Trichlorobenzene	12.752	180	41962	19.99	ug/L	98
106)	Hexachlorobutadiene	12.947	225	19527	17.38	ug/L	96
107)	Naphthalene	13.008	128	93629	21.24	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	39597	19.67	ug/L	95
110)	TPH-GRO (C6-C10)	6.784	TIC	11129998m	1135.58	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

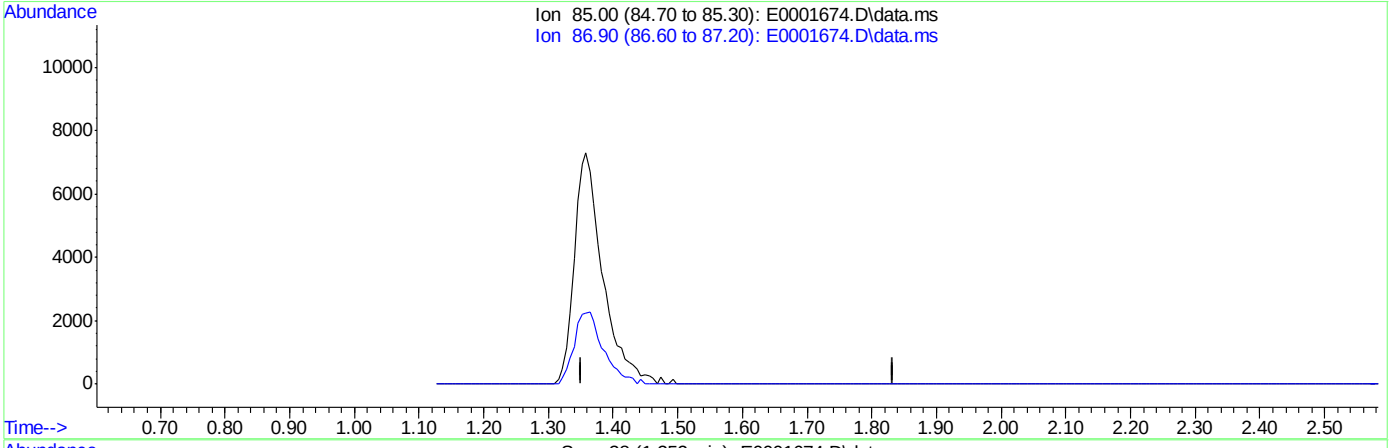
Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

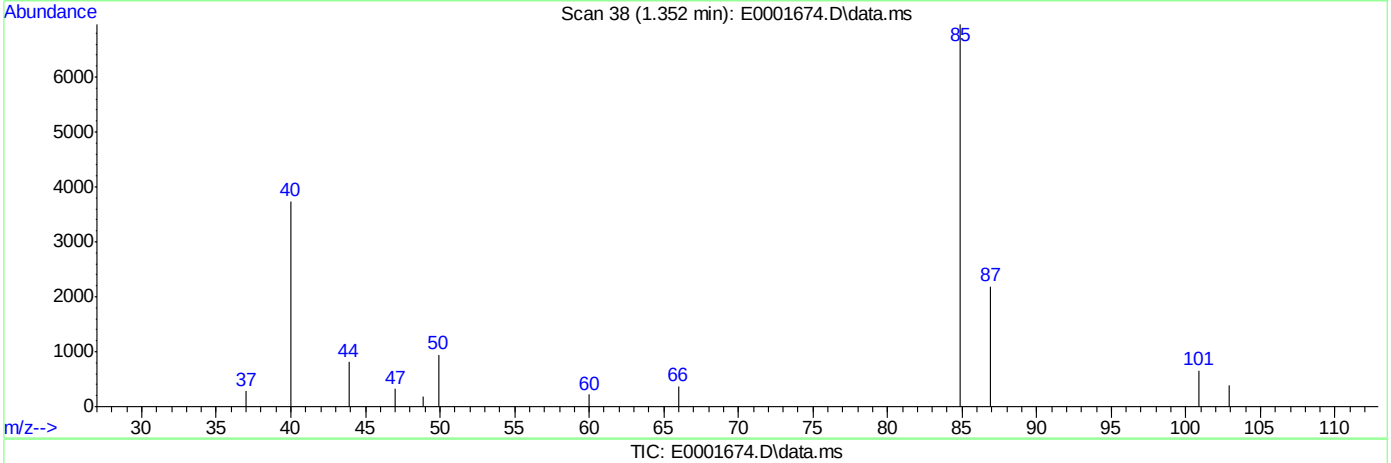


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:26 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

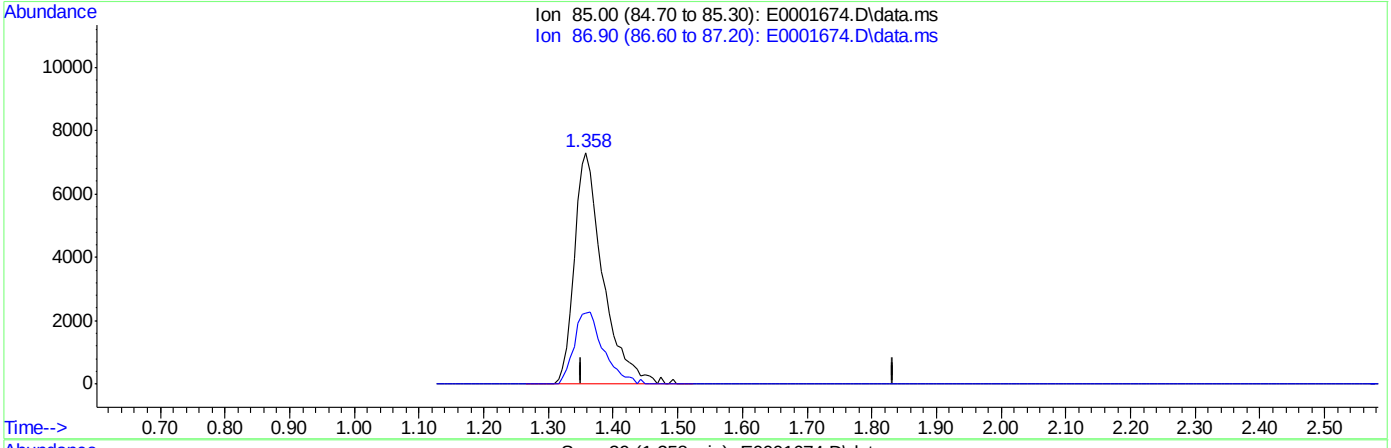
response 0

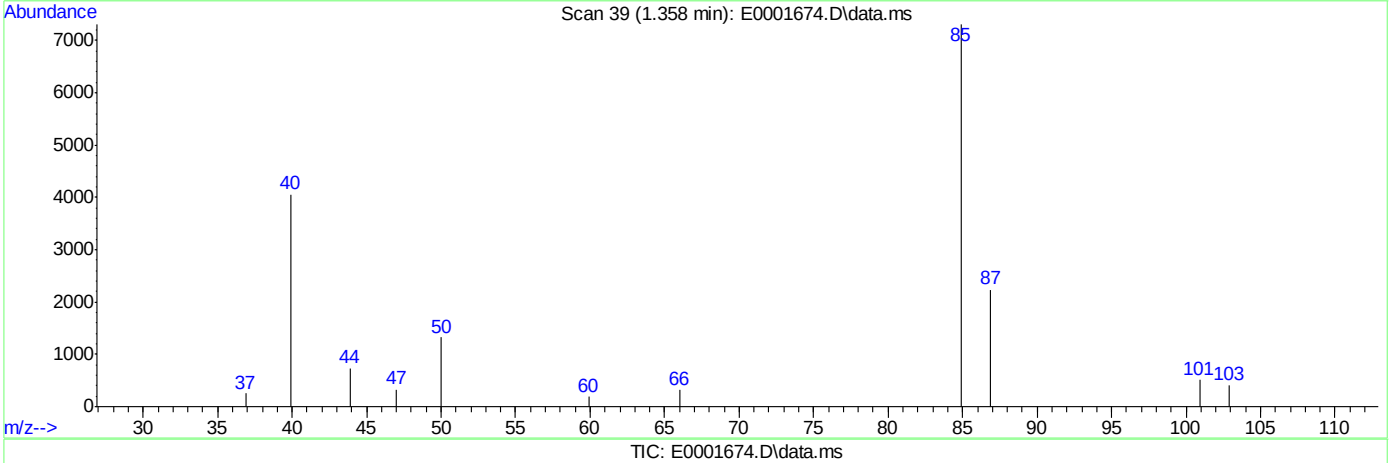
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:26 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.358min (+0.006) 19.75ug/L m

response 22471

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.65
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/08/10 11:31

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	202479	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	151421	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	82646	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	82646	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	23450	21.17	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 42.34%#			
46) 1,2-Dichloroethane-d4	5.144	65	31664	20.32	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 40.64%#			
64) Toluene-d8	6.900	98	85424	21.20	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 42.40%#			
85) 4-Bromofluorobenzene	9.454	95	32134	21.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 42.88%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.358	85	22471m	19.75	ug/L	
3) Chloromethane	1.492	50	26606	22.32	ug/L	99
4) Vinyl Chloride	1.614	62	25259	21.89	ug/L	97
5) Bromomethane	1.913	94	18769	22.07	ug/L	99
6) Chloroethane	2.016	64	16751	20.98	ug/L	92
7) Trichlorofluoromethane	2.309	101	33776	19.04	ug/L	99
8) Ethyl Alcohol	2.565	45	17085	2819.52	ug/kg	70
9) Ethyl Ether	2.565	59	20594	20.82	ug/L	98
10) Acrolein	2.675	56	6171	91.48	ug/L	100
11) 1,1-Dichloroethene	2.791	61	34845	20.65	ug/L	98
12) Freon 113	2.815	101	20839	17.71	ug/L	94
13) Acetone	2.827	43	43065	109.79	ug/L	99
14) Iodomethane	2.919	142	35796	19.85	ug/L	96
15) Isopropyl Alcohol	2.992	45	13243	221.96	ug/kg	92
16) Methyl Acetate	3.150	43	140199	104.36	ug/L	99
17) Carbon Disulfide	3.004	76	63357	19.89	ug/L	96
18) Methylene Chloride	3.248	49	35574	20.23	ug/L	99
19) Tert Butyl Alcohol	3.370	59	19088	255.17	ug/L	90
20) Allyl Chloride	3.126	41	51361	20.18	ug/L	97
21) Acetonitrile	3.126	41	51361	100.59	ug/L	97
22) trans-1,2-Dichloroethene	3.504	61	34382	20.19	ug/L	98
23) Acrylonitrile	3.467	53	48164	104.92	ug/L	95
24) Methyl Tert Butyl Ether	3.510	73	65272	21.16	ug/L	97
25) Hexane	3.766	57	31510	18.73	ug/L	98
26) 1,1-Dichloroethane	3.888	63	42860	20.67	ug/L	96
27) Vinyl Acetate	3.943	43	219789	106.61	ug/L	99
28) Di-isopropyl ether	3.973	45	84762	20.72	ug/L	92
29) Chloroprene	3.973	53	38194	20.05	ug/L	94
30) Ethyl tert-butyl ether	4.303	59	68137	21.15	ug/L	97
31) 2,2-Dichloropropane	4.418	77	29756	21.04	ug/L	94
32) cis-1,2-Dichloroethene	4.412	96	24132	19.84	ug/L	92
33) Ethyl Acetate	4.498	43	142006	106.47	ug/L	98
34) 2-Butanone	4.424	43	64919	109.13	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	17803	102.04	ug/L	96
36) Methacrylonitrile	4.613	41	91223	106.59	ug/L	97
37) Bromochloromethane	4.626	128	13150	19.97	ug/L	94
38) Chloroform	4.705	83	44366	19.65	ug/kg	98
39) Tetrahydrofuran	4.674	42	8790	22.99	ug/L	95
40) 1,1,1-Trichloroethane	4.870	97	34071	19.06	ug/L	96
42) Cyclohexane	4.924	56	37092	18.45	ug/L	96
43) n-Butyl Alcohol	5.717	56	5027	261.42	ug/L	90
44) 1,1-Dichloropropene	5.016	75	33526	20.52	ug/L	98
45) Carbon Tetrachloride	5.022	117	31801	18.99	ug/L	97
47) Benzene	5.199	78	96263	20.32	ug/L	98
48) Isobutyl Alcohol	5.132	43	10225	247.43	ug/L	99
49) 1,2-Dichloroethane	5.211	62	39623	20.29	ug/L	98
50) tert-amyl methyl ether	5.315	73	59480	21.96	ug/L	96
51) Trichloroethene	5.784	95	24974	20.46	ug/L	98
52) Methylcyclohexane	5.967	83	35862	17.83	ug/L	95
53) Methyl Methacrylate	6.095	41	24789	22.19	ug/L	97
54) 1,2-Dichloropropane	5.979	63	26057	21.25	ug/L	97
55) Dibromomethane	6.083	93	16868	20.73	ug/kg	98
56) 1,4-Dioxane	6.107	88	4276	356.20	ug/L	86
57) Bromodichloromethane	6.229	83	32284	20.27	ug/L	100
58) 2-Nitropropane	6.436	41	36371	115.01	ug/L	95
59) 2-Chloroethyl vinyl ether	6.509	63	127059	105.52	ug/L	99
60) 1-Bromo-2-Chloroethane	6.509	63	127059	21.10	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	145824	115.37	ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	38074	21.08	ug/L	99
65) Toluene	6.961	91	104501	20.57	ug/L	100
66) Ethyl Methacrylate	7.259	69	30965	20.90	ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	32767	20.21	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	20308	21.39	ug/L	95
69) Tetrachloroethene	7.485	166	27291	19.30	ug/L	97
70) 2-hexanone	7.576	43	103878	118.74	ug/L	99
71) 1,3-Dichloropropane	7.491	76	41457	20.66	ug/L	97
72) Dibromochloromethane	7.710	129	24426	20.64	ug/L	99
73) 1,2-Dibromoethane	7.820	107	24860	21.42	ug/L	100
74) 1-Chlorohexane	8.290	91	31918	20.21	ug/L	99
75) Chlorobenzene	8.308	112	67594	19.84	ug/L	96
76) 1,1,1,2-Tetrachloroethane	8.387	131	23550	20.35	ug/L	95
77) Ethylbenzene	8.418	91	114736	20.36	ug/L	100
78) m,p-Xylene	8.533	91	179837	41.61	ug/L	98
79) o-Xylene	8.930	91	90601	20.61	ug/L	99
80) Styrene	8.942	104	72117	20.22	ug/L	99
81) Bromoform	9.119	173	16056	19.54	ug/L	96
83) Isopropylbenzene	9.308	105	94565	21.12	ug/L	98
84) Cyclohexanone	9.381	55	9415	263.21	ug/L	94
86) Bromobenzene	9.600	156	30831	20.63	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.600	83	32775	22.43	ug/L	99
88) Trans-1,4-Dichloro-2-b...	9.655	53	8139	21.49	ug/L #	70
89) 1,2,3-Trichloropropane	9.643	110	9835	21.94	ug/L	93
90) n-Propylbenzene	9.722	91	132334	21.16	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	79648	21.06	ug/L	99
92)	4-Chlorotoluene	9.917	91	92926	21.15	ug/L	96
93)	1,3,5-Trimethylbenzene	9.911	105	92841	20.08	ug/L	99
94)	Pentachloroethane	10.253	167	17037	21.22	ug/L	94
95)	sec-Butylbenzene	10.472	105	119845	19.49	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	56438	19.71	ug/L	98
97)	4-Isopropyltoluene	10.624	119	98926	19.67	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	60008	19.85	ug/L	98
99)	tert-Butylbenzene	10.246	91	53720	21.27	ug/L	98
100)	n-Butylbenzene	11.051	91	99795	20.92	ug/L	97
101)	1,2-Dichlorobenzene	11.051	146	55183	19.95	ug/L	97
102)	1,2,4-Trimethylbenzene	10.295	105	94498	21.46	ug/L	99
103)	Hexachloroethane	11.326	119	16412	20.92	ug/L	97
104)	1,2-Dibromo-3-Chloropr...	11.862	75	5457	22.14	ug/L	92
105)	1,2,4-Trichlorobenzene	12.752	180	41962	19.99	ug/L	98
106)	Hexachlorobutadiene	12.947	225	19527	17.38	ug/L	96
107)	Naphthalene	13.008	128	93629	21.24	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	39597	19.67	ug/L	95
110)	TPH-GRO (C6-C10)	6.784	TIC	11129998m	1135.58	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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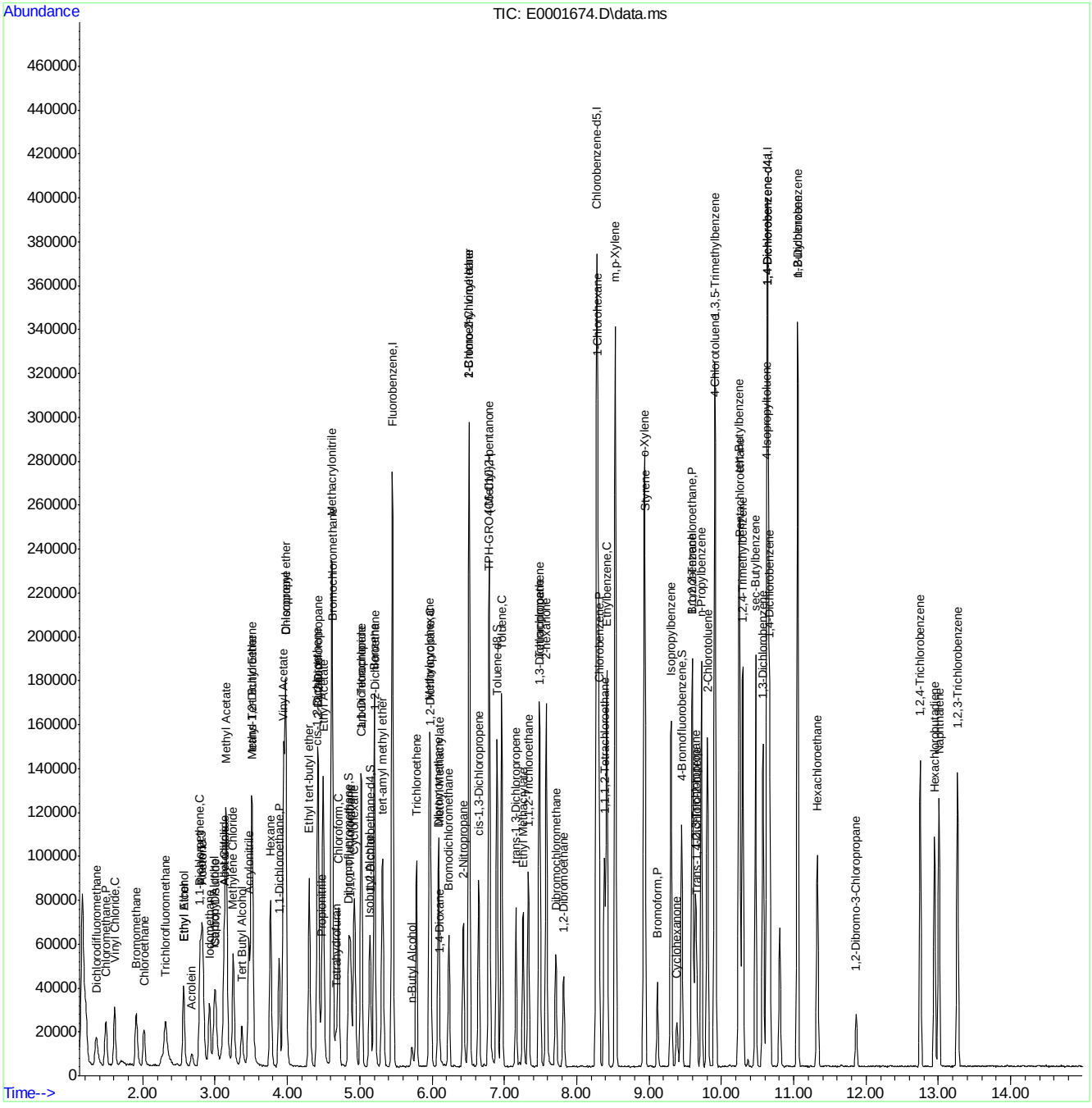
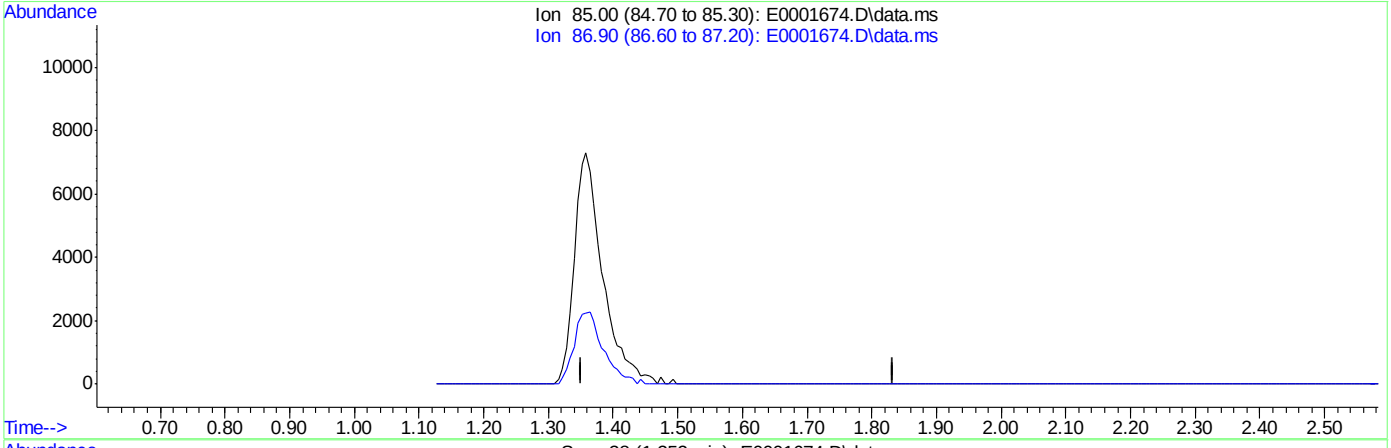
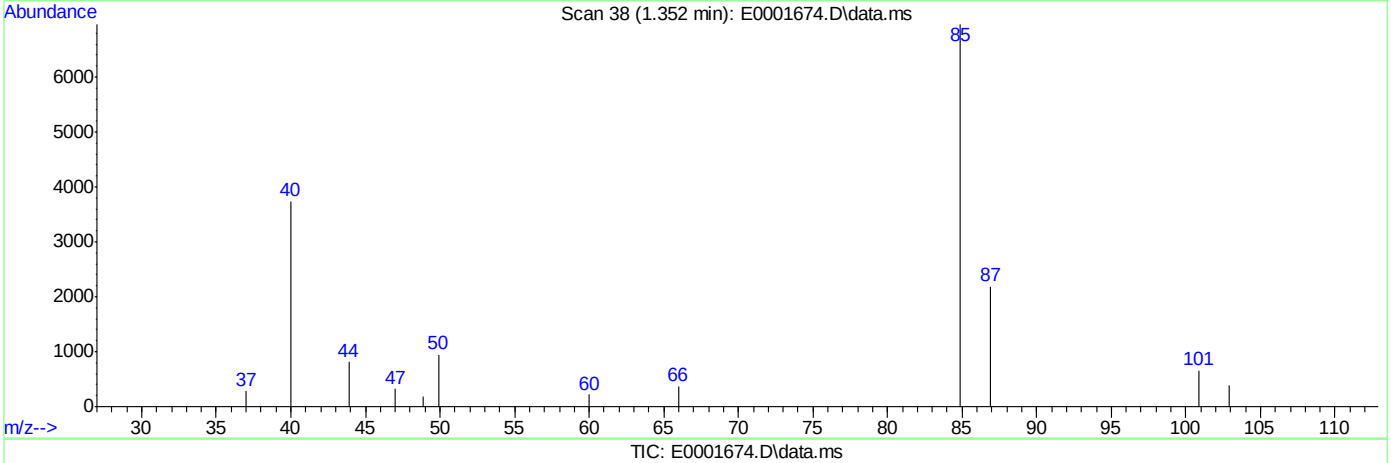


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:26 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

response 0

Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
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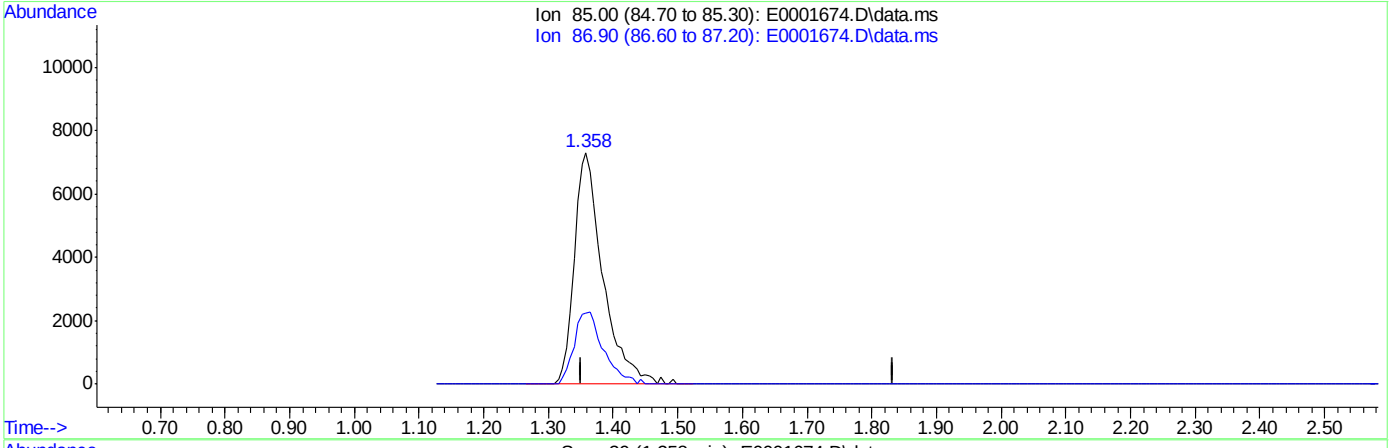

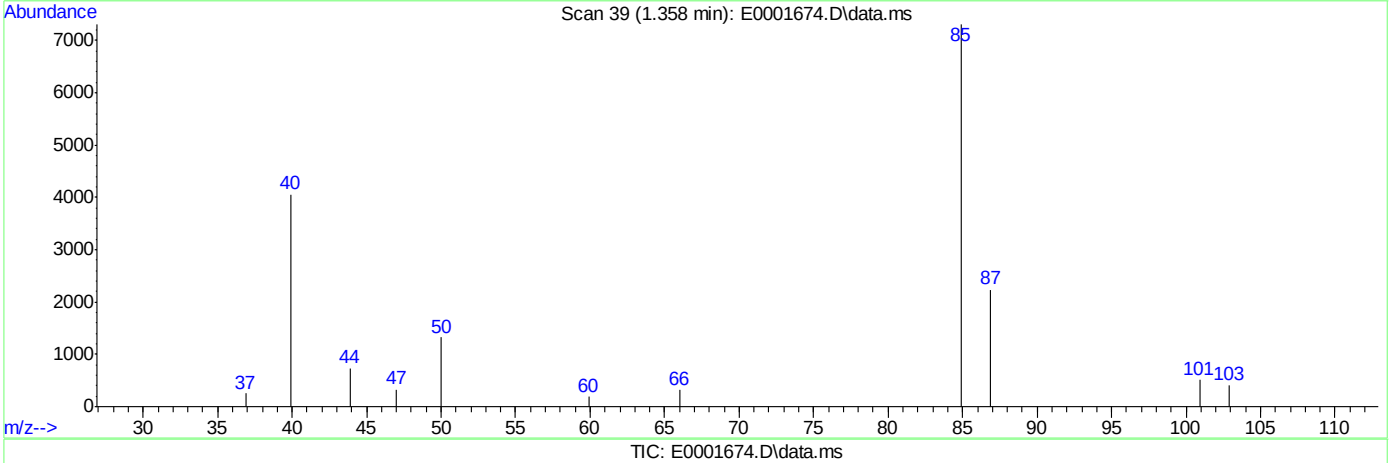

TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.358min (+0.006) 19.75ug/L m

response 22471

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.65
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Richard Rodriguez
09/08/10 11:36

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
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Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.449	96	202479	50.00	ug/L	0.00
63) Chlorobenzene-d5	8.277	117	151421	50.00	ug/L	0.00
82) 1,4-Dichlorobenzene-d4	10.643	152	82646	50.00	ug/L	0.00
109) 1,4-Dichlorobenzene-d4a	10.643	152	82646	50.00	ug/L	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	4.845	113	23450	21.17	ug/L	0.00
Spiked Amount 50.000	Range 76 - 125		Recovery = 42.34%#			
46) 1,2-Dichloroethane-d4	5.144	65	31664	20.32	ug/L	0.00
Spiked Amount 50.000	Range 75 - 121		Recovery = 40.64%#			
64) Toluene-d8	6.900	98	85424	21.20	ug/L	0.00
Spiked Amount 50.000	Range 87 - 119		Recovery = 42.40%#			
85) 4-Bromofluorobenzene	9.454	95	32134	21.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 133		Recovery = 42.88%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.358	85	22471m	19.75	ug/L	
3) Chloromethane	1.492	50	26606	22.32	ug/L	99
4) Vinyl Chloride	1.614	62	25259	21.89	ug/L	97
5) Bromomethane	1.913	94	18769	22.07	ug/L	99
6) Chloroethane	2.016	64	16751	20.98	ug/L	92
7) Trichlorofluoromethane	2.309	101	33776	19.04	ug/L	99
8) Ethyl Alcohol	2.565	45	17085	2819.52	ug/kg	70
9) Ethyl Ether	2.565	59	20594	20.82	ug/L	98
10) Acrolein	2.675	56	6171	91.48	ug/L	100
11) 1,1-Dichloroethene	2.791	61	34845	20.65	ug/L	98
12) Freon 113	2.815	101	20839	17.71	ug/L	94
13) Acetone	2.827	43	43065	109.79	ug/L	99
14) Iodomethane	2.919	142	35796	19.85	ug/L	96
15) Isopropyl Alcohol	2.992	45	13243	221.96	ug/kg	92
16) Methyl Acetate	3.150	43	140199	104.36	ug/L	99
17) Carbon Disulfide	3.004	76	63357	19.89	ug/L	96
18) Methylene Chloride	3.248	49	35574	20.23	ug/L	99
19) Tert Butyl Alcohol	3.370	59	19088	255.17	ug/L	90
20) Allyl Chloride	3.126	41	51361	20.18	ug/L	97
21) Acetonitrile	3.126	41	51361	100.59	ug/L	97
22) trans-1,2-Dichloroethene	3.504	61	34382	20.19	ug/L	98
23) Acrylonitrile	3.467	53	48164	104.92	ug/L	95
24) Methyl Tert Butyl Ether	3.510	73	65272	21.16	ug/L	97
25) Hexane	3.766	57	31510	18.73	ug/L	98
26) 1,1-Dichloroethane	3.888	63	42860	20.67	ug/L	96
27) Vinyl Acetate	3.943	43	219789	106.61	ug/L	99
28) Di-isopropyl ether	3.973	45	84762	20.72	ug/L	92
29) Chloroprene	3.973	53	38194	20.05	ug/L	94
30) Ethyl tert-butyl ether	4.303	59	68137	21.15	ug/L	97
31) 2,2-Dichloropropane	4.418	77	29756	21.04	ug/L	94
32) cis-1,2-Dichloroethene	4.412	96	24132	19.84	ug/L	92
33) Ethyl Acetate	4.498	43	142006	106.47	ug/L	98
34) 2-Butanone	4.424	43	64919	109.13	ug/L	98

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Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260B and EPA624
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Propionitrile	4.473	54	17803	102.04	ug/L	96
36) Methacrylonitrile	4.613	41	91223	106.59	ug/L	97
37) Bromochloromethane	4.626	128	13150	19.97	ug/L	94
38) Chloroform	4.705	83	44366	19.65	ug/kg	98
39) Tetrahydrofuran	4.674	42	8790	22.99	ug/L	95
40) 1,1,1-Trichloroethane	4.870	97	34071	19.06	ug/L	96
42) Cyclohexane	4.924	56	37092	18.45	ug/L	96
43) n-Butyl Alcohol	5.717	56	5027	261.42	ug/L	90
44) 1,1-Dichloropropene	5.016	75	33526	20.52	ug/L	98
45) Carbon Tetrachloride	5.022	117	31801	18.99	ug/L	97
47) Benzene	5.199	78	96263	20.32	ug/L	98
48) Isobutyl Alcohol	5.132	43	10225	247.43	ug/L	99
49) 1,2-Dichloroethane	5.211	62	39623	20.29	ug/L	98
50) tert-amyl methyl ether	5.315	73	59480	21.96	ug/L	96
51) Trichloroethene	5.784	95	24974	20.46	ug/L	98
52) Methylcyclohexane	5.967	83	35862	17.83	ug/L	95
53) Methyl Methacrylate	6.095	41	24789	22.19	ug/L	97
54) 1,2-Dichloropropane	5.979	63	26057	21.25	ug/L	97
55) Dibromomethane	6.083	93	16868	20.73	ug/kg	98
56) 1,4-Dioxane	6.107	88	4276	356.20	ug/L	86
57) Bromodichloromethane	6.229	83	32284	20.27	ug/L	100
58) 2-Nitropropane	6.436	41	36371	115.01	ug/L	95
59) 2-Chloroethyl vinyl ether	6.509	63	127059	105.52	ug/L	99
60) 1-Bromo-2-Chloroethane	6.509	63	127059	21.10	ug/kg	99
61) 4-Methyl-2-pentanone	6.790	43	145824	115.37	ug/L	99
62) cis-1,3-Dichloropropene	6.644	75	38074	21.08	ug/L	99
65) Toluene	6.961	91	104501	20.57	ug/L	100
66) Ethyl Methacrylate	7.259	69	30965	20.90	ug/L	98
67) trans-1,3-Dichloropropene	7.162	75	32767	20.21	ug/L	98
68) 1,1,2-Trichloroethane	7.332	83	20308	21.39	ug/L	95
69) Tetrachloroethene	7.485	166	27291	19.30	ug/L	97
70) 2-hexanone	7.576	43	103878	118.74	ug/L	99
71) 1,3-Dichloropropane	7.491	76	41457	20.66	ug/L	97
72) Dibromochloromethane	7.710	129	24426	20.64	ug/L	99
73) 1,2-Dibromoethane	7.820	107	24860	21.42	ug/L	100
74) 1-Chlorohexane	8.290	91	31918	20.21	ug/L	99
75) Chlorobenzene	8.308	112	67594	19.84	ug/L	96
76) 1,1,1,2-Tetrachloroethane	8.387	131	23550	20.35	ug/L	95
77) Ethylbenzene	8.418	91	114736	20.36	ug/L	100
78) m,p-Xylene	8.533	91	179837	41.61	ug/L	98
79) o-Xylene	8.930	91	90601	20.61	ug/L	99
80) Styrene	8.942	104	72117	20.22	ug/L	99
81) Bromoform	9.119	173	16056	19.54	ug/L	96
83) Isopropylbenzene	9.308	105	94565	21.12	ug/L	98
84) Cyclohexanone	9.381	55	9415	263.21	ug/L	94
86) Bromobenzene	9.600	156	30831	20.63	ug/L	98
87) 1,1,2,2-Tetrachloroethane	9.600	83	32775	22.43	ug/L	99
88) Trans-1,4-Dichloro-2-b...	9.655	53	8139	21.49	ug/L #	70
89) 1,2,3-Trichloropropane	9.643	110	9835	21.94	ug/L	93
90) n-Propylbenzene	9.722	91	132334	21.16	ug/L	99

Quantitation Report (QT Reviewed)

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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

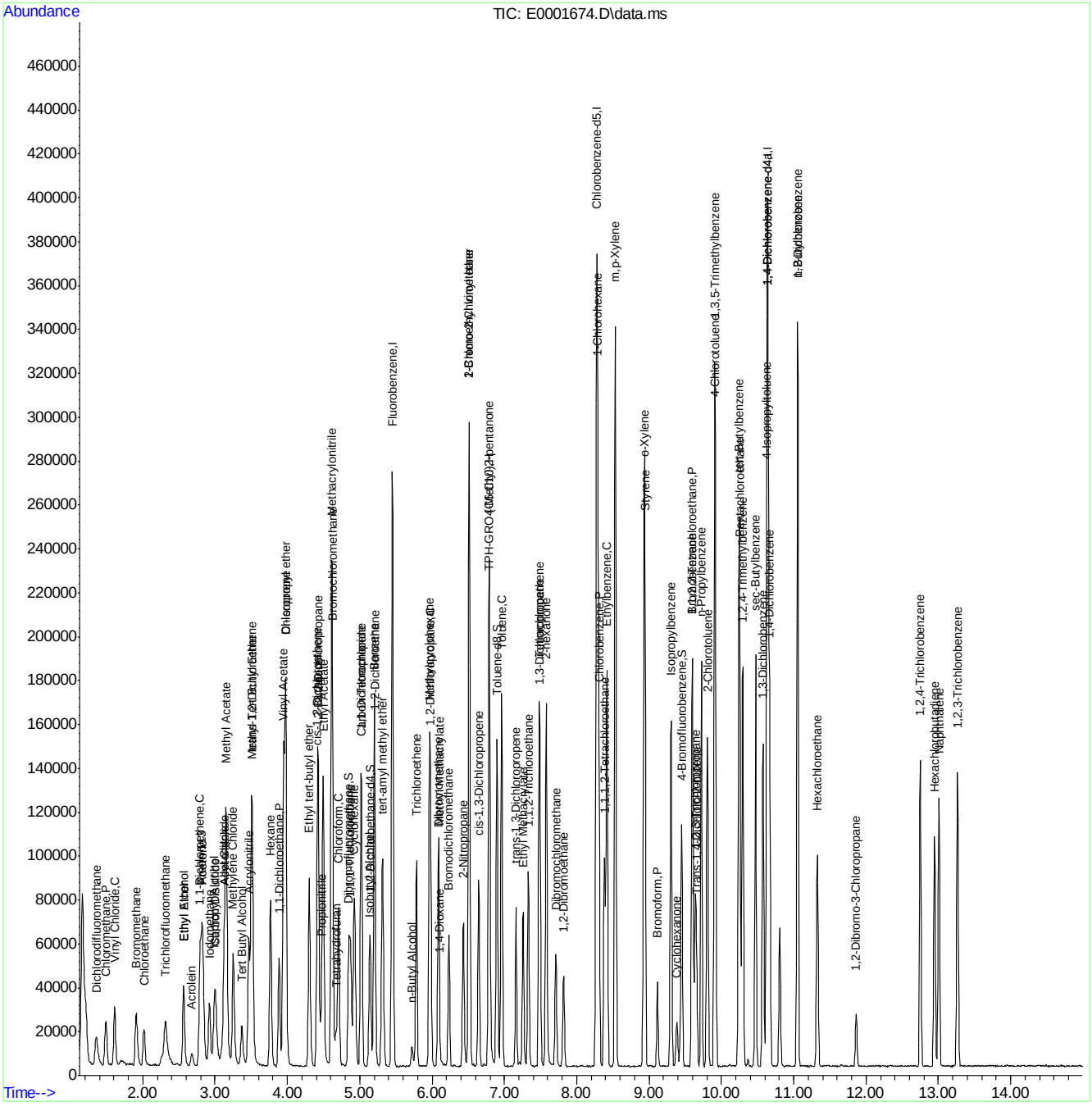
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91)	2-Chlorotoluene	9.808	91	79648	21.06	ug/L	99
92)	4-Chlorotoluene	9.917	91	92926	21.15	ug/L	96
93)	1,3,5-Trimethylbenzene	9.911	105	92841	20.08	ug/L	99
94)	Pentachloroethane	10.253	167	17037	21.22	ug/L	94
95)	sec-Butylbenzene	10.472	105	119845	19.49	ug/L	100
96)	1,3-Dichlorobenzene	10.576	146	56438	19.71	ug/L	98
97)	4-Isopropyltoluene	10.624	119	98926	19.67	ug/L	99
98)	1,4-Dichlorobenzene	10.667	146	60008	19.85	ug/L	98
99)	tert-Butylbenzene	10.246	91	53720	21.27	ug/L	98
100)	n-Butylbenzene	11.051	91	99795	20.92	ug/L	97
101)	1,2-Dichlorobenzene	11.051	146	55183	19.95	ug/L	97
102)	1,2,4-Trimethylbenzene	10.295	105	94498	21.46	ug/L	99
103)	Hexachloroethane	11.326	119	16412	20.92	ug/L	97
104)	1,2-Dibromo-3-Chloropr...	11.862	75	5457	22.14	ug/L	92
105)	1,2,4-Trichlorobenzene	12.752	180	41962	19.99	ug/L	98
106)	Hexachlorobutadiene	12.947	225	19527	17.38	ug/L	96
107)	Naphthalene	13.008	128	93629	21.24	ug/L	99
108)	1,2,3-Trichlorobenzene	13.264	180	39597	19.67	ug/L	95
110)	TPH-GRO (C6-C10)	6.784	TIC	11129998m	1135.58	ug/kg	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

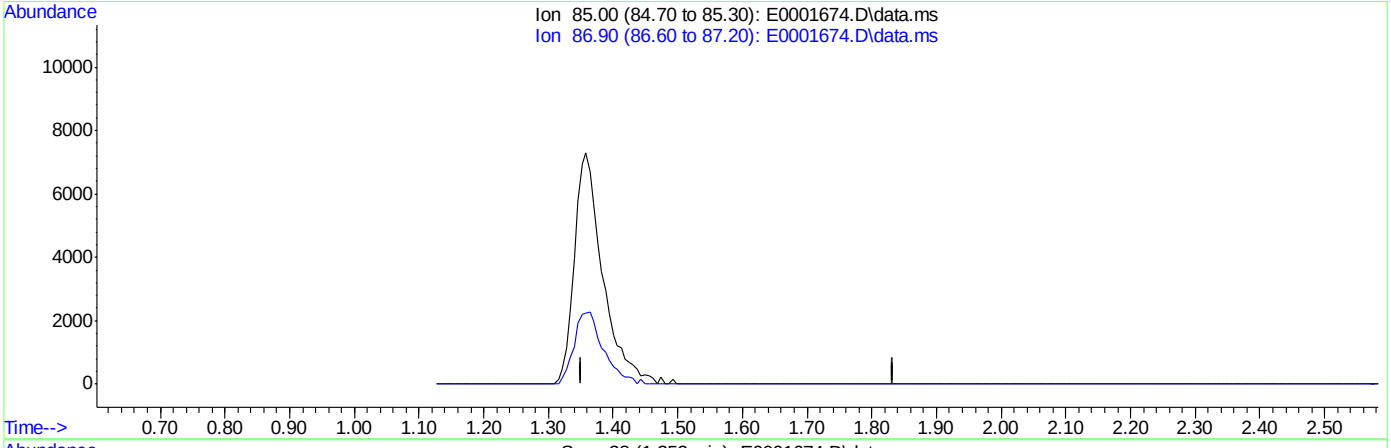
Quant Time: Sep 07 14:19:31 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration

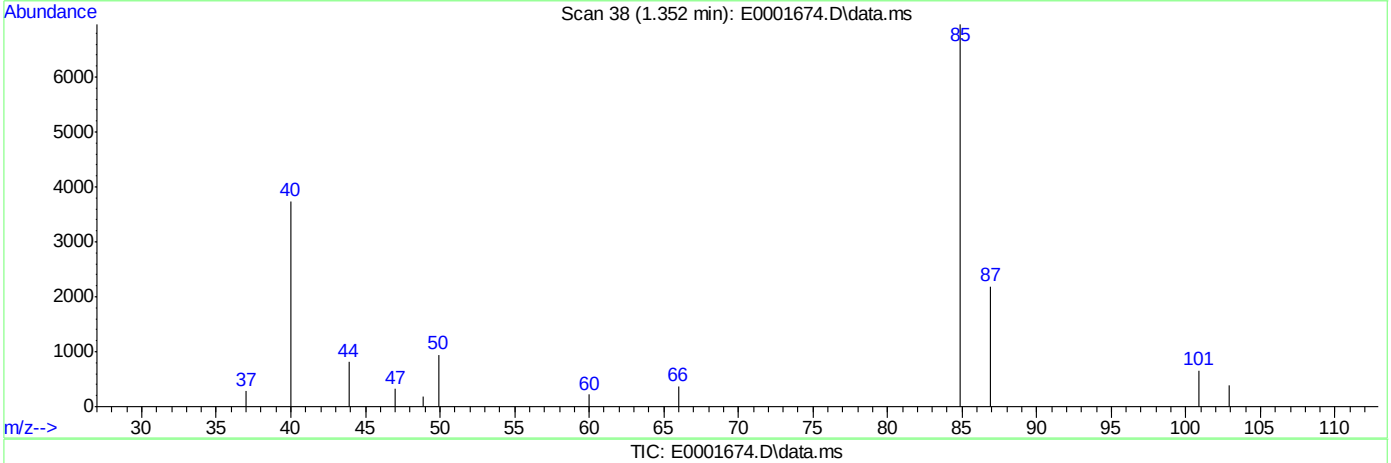


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:26 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.352min (-1.352) 0.00ug/L

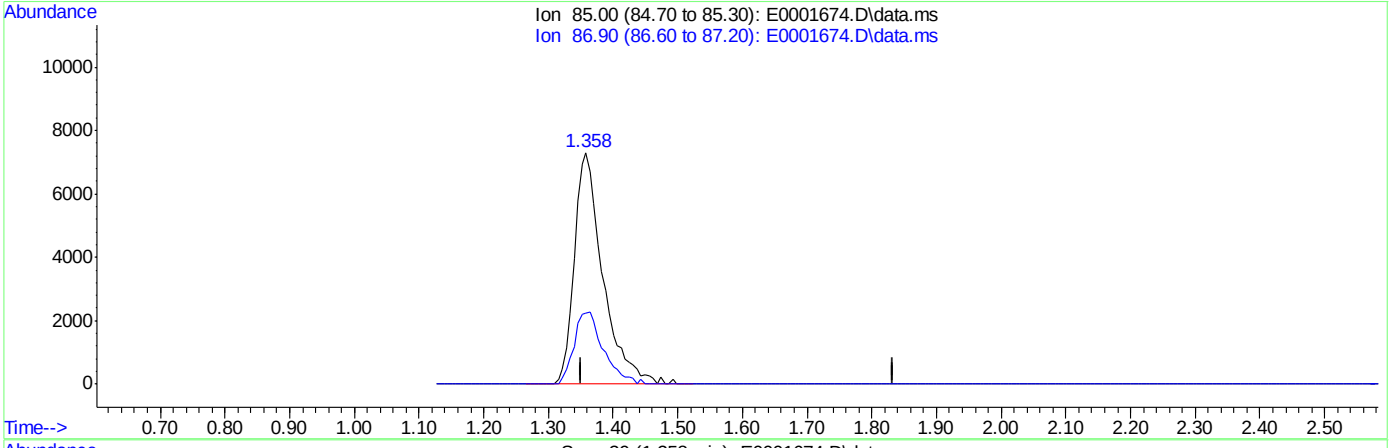
response 0

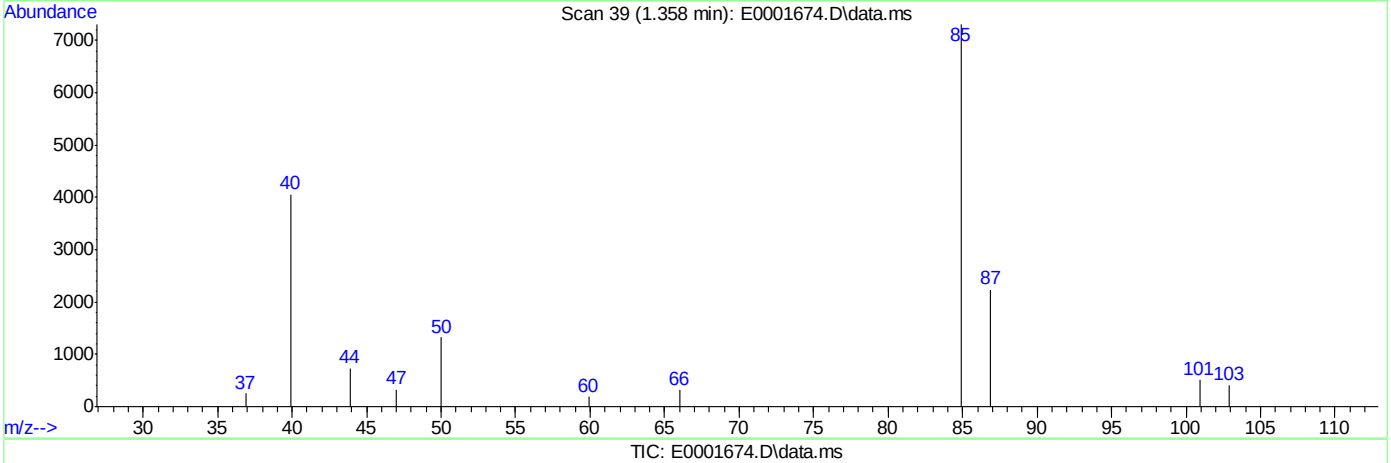
Ion	Exp%	Act%
85.00	100	0.00
86.90	30.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\E108\
Data File : E0001674.D
Acq On : 7 Sep 2010 9:49 am
Operator : jennl
Sample : cc77-20
Misc : ms8368,VE108,5,,,5,,Water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 14:19:26 2010
Quant Method : C:\msdchem\1\METHODS\ve77.m
Quant Title : SW846 8260B and EPA624
QLast Update : Wed Aug 18 09:14:32 2010
Response via : Initial Calibration





TIC: E0001674.D\data.ms

(2) Dichlorodifluoromethane

1.358min (+0.006) 19.75ug/L m

response 22471

Ion	Exp%	Act%
85.00	100	100
86.90	30.10	30.65
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:09:14 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	926863	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	732042	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.49	152	297480	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.49	152	297480	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	15260	4.23	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 8.46%#			
47) 1,2-Dichloroethane-d4	9.65	65	16614	4.18	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 8.36%#			
64) Toluene-d8	11.54	98	64658	4.19	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 8.38%#			
85) 4-Bromofluorobenzene	14.28	95	25397	4.67	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 9.34%#			

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.94	85	4485	2.35	ug/kg	88
3) Chloromethane	4.33	50	7809	3.14	ug/kg	97
4) Vinyl Chloride	4.56	62	6427	2.68	ug/kg	97
5) Bromomethane	5.21	94	6856	3.41	ug/kg	90
6) Chloroethane	5.38	64	3924	2.47	ug/kg	96
7) Trichlorofluoromethane	5.74	101	8576	2.83	ug/kg	93
8) Ethyl Alcohol	6.14	45	7687	38.03	ug/kg	95
9) Ethyl ether	6.14	59	10795	3.99	ug/kg	93
10) Acrolein	6.46	56	1662	13.63	ug/kg	94
11) 1,1-Dichloroethene	6.55	96	5954	2.80	ug/kg	97
12) Freon 113	6.46	101	5860	2.76	ug/kg	96
13) Acetone	6.65	43	15853	23.52	ug/kg	98
14) Isopropyl Alcohol	6.73	45	6816	41.81	ug/kg#	100
15) Iodomethane	6.83	142	11793	2.82	ug/kg	95
16) Methyl acetate	7.02	43	48756	18.78	ug/kg	97
17) Carbon Disulfide	6.92	76	22181	3.04	ug/kg	99
18) Allyl Chloride	7.05	41	15156	3.72	ug/kg	95
19) Acetonitrile	7.12	41	3054	12.89	ug/kg#	66
20) Methylene Chloride	7.25	84	19397	5.77	ug/kg	94
21) Tert Butyl Alcohol	7.24	59	8428	28.28	ug/kg	82
22) trans-1,2-Dichloroethene	7.53	96	10768	3.52	ug/kg	95
23) Acrylonitrile	7.60	53	14307	17.13	ug/kg	93
24) Hexane	7.73	57	17083	3.75	ug/kg	93
25) Methyl Tert Butyl Ether	7.45	73	25776	3.03	ug/kg	96
26) 1,1-Dichloroethane	8.07	63	23270	3.95	ug/kg	89
27) Vinyl acetate	8.03	43	75154	18.23	ug/kg	99
28) Di-isopropyl ether	7.96	45	38531	3.22	ug/kg	97
29) Chloroprene	8.14	53	18662	4.25	ug/kg	91
30) Ethyl tert-butyl ether	8.38	59	32688	3.20	ug/kg	97
31) Ethyl Acetate	8.68	43	67958m	18.49	ug/kg	
32) 2,2-Dichloropropane	8.71	77	10799	3.51	ug/kg	98
33) cis-1,2-Dichloroethene	8.74	96	13350	3.73	ug/kg	92
34) 2-Butanone	8.71	72	6567	16.35	ug/kg	96
35) Propionitrile	8.88	54	7428	19.90	ug/kg	71

(#) = qualifier out of range (m) = manual integration
Y0041489.D VY2583AP9.M Wed Aug 18 11:23:14 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:09:14 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Bromochloromethane	9.02	128	7180	3.71	ug/kg	90
37)	Methacrylonitrile	9.01	41	38271	19.91	ug/kg	94
38)	Chloroform	9.05	83	25192	4.07	ug/kg	94
39)	Tetrahydrofuran	9.27	42	2822	2.90	ug/kg	89
40)	1,1,1-Trichloroethane	9.26	97	14302	3.44	ug/kg	96
42)	Cyclohexane	9.27	56	13733	3.16	ug/kg	92
43)	Isobutyl Alcohol	9.40	43	4518	33.54	ug/kg	92
44)	1,1-Dichloropropene	9.42	75	17713	3.78	ug/kg	97
45)	n-Butyl Alcohol	10.09	56	2362	28.42	ug/kg	84
46)	Carbon Tetrachloride	9.41	117	14061	3.62	ug/kg	93
48)	Benzene	9.65	78	62236	3.91	ug/kg	96
49)	1,2-Dichloroethane	9.73	62	18229	3.91	ug/kg	98
50)	tert-amyl methyl ether	9.64	73	30041	3.00	ug/kg	96
51)	Trichloroethene	10.31	95	15199	3.86	ug/kg	96
52)	1-Bromo-2-Chloroethane	11.08	63	43915	3.76	ug/kg	96
53)	Methylcyclohexane	10.46	83	16497	3.32	ug/kg	94
54)	Methyl Methacrylate	10.55	41	13821	4.15	ug/kg	89
55)	1,2-Dichloropropane	10.60	63	16533	3.62	ug/kg	92
56)	Dibromomethane	10.74	93	8885	3.61	ug/kg	98
57)	1,4-Dioxane	10.67	88	1631	45.21	ug/kg	69
58)	Bromodichloromethane	10.84	83	20915	3.68	ug/kg	94
59)	2-Nitropropane	11.12	41	16267	19.03	ug/kg	99
60)	2-Chloroethyl vinyl ether	11.08	63	43915	18.81	ug/kg	95
61)	4-Methyl-2-pentanone	11.38	100	8651	15.83	ug/kg	94
62)	cis-1,3-Dichloropropene	11.29	75	28761	3.84	ug/kg	95
65)	Toluene	11.61	92	44449	4.05	ug/kg	99
66)	Ethyl Methacrylate	11.79	69	19129	3.63	ug/kg	100
67)	trans-1,3-Dichloropropene	11.86	75	22916	3.78	ug/kg	98
68)	1,1,2-Trichloroethane	12.07	83	12985	3.87	ug/kg	96
69)	Tetrachloroethene	12.17	164	15069	4.03	ug/kg	95
70)	2-hexanone	12.22	43	40540	17.72	ug/kg	96
71)	1,3-Dichloropropane	12.27	76	25257	3.79	ug/kg	96
72)	Dibromochloromethane	12.49	129	17463	3.79	ug/kg	93
73)	1,2-Dibromoethane	12.67	107	15613	3.96	ug/kg	90
74)	1-Chlorohexane	12.96	91	20208	3.48	ug/kg	96
75)	Chlorobenzene	13.12	112	58571	4.56	ug/kg	95
76)	1,1,1,2-Tetrachloroethane	13.17	131	15928	3.81	ug/kg	99
77)	Ethylbenzene	13.14	91	78065	3.72	ug/kg	98
78)	m,p-Xylene	13.25	106	59006	7.19	ug/kg	94
79)	o-Xylene	13.69	106	26076	3.40	ug/kg	99
80)	Styrene	13.71	104	47793	3.42	ug/kg	97
81)	Bromoform	14.00	173	11147	3.56	ug/kg	98
83)	Isopropylbenzene	14.03	105	55026	3.81	ug/kg	99
84)	Cyclohexanone	14.27	55	1371	16.17	ug/kg	81
86)	Bromobenzene	14.48	156	20170	3.89	ug/kg	96
87)	1,1,2,2-Tetrachloroethane	14.40	83	17015	4.11	ug/kg	93
88)	Trans-1,4-Dichloro-2-Buten	14.45	53	4343	3.63	ug/kg#	89
89)	1,2,3-Trichloropropane	14.49	75	13023m	3.90	ug/kg	
90)	n-Propylbenzene	14.45	91	74011	3.69	ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:09:14 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

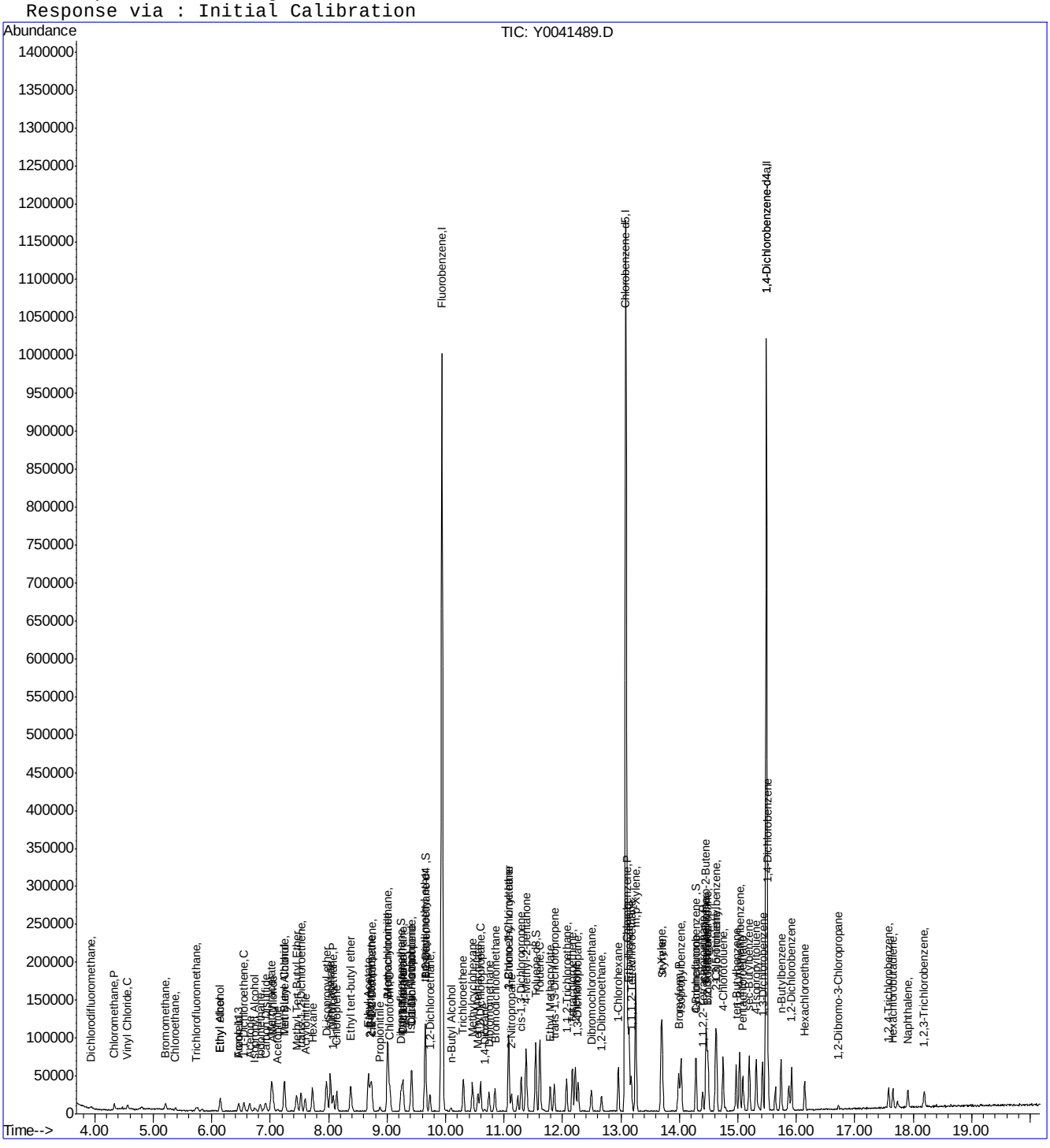
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.64	91	51410	3.80	ug/kg	97
92)	4-Chlorotoluene	14.75	91	47346	3.89	ug/kg	96
93)	1,3,5-Trimethylbenzene	14.62	105	46223	3.56	ug/kg	93
94)	Pentachloroethane	15.08	167	11091	4.36	ug/kg	93
95)	sec-Butylbenzene	15.20	105	57935	3.74	ug/kg	95
96)	1,3-Dichlorobenzene	15.42	146	31928	3.88	ug/kg	99
97)	4-Isopropyltoluene	15.31	119	44320	3.57	ug/kg	97
98)	1,4-Dichlorobenzene	15.51	146	34692	4.15	ug/kg	94
99)	tert-Butylbenzene	14.97	91	22596	3.73	ug/kg	98
100)	n-Butylbenzene	15.74	91	41417	3.64	ug/kg	99
101)	1,2-Dichlorobenzene	15.92	146	27074	3.72	ug/kg	99
102)	1,2,4-Trimethylbenzene	15.03	105	48562	3.70	ug/kg	96
103)	Hexachloroethane	16.14	119	8582	4.13	ug/kg	96
104)	1,2-Dibromo-3-Chloropropan	16.72	75	1562	3.28	ug/kg	87
105)	1,2,4-Trichlorobenzene	17.58	180	12635	3.21	ug/kg	98
106)	Hexachlorobutadiene	17.66	225	7345	3.33	ug/kg	90
107)	Naphthalene	17.91	128	23333	2.91	ug/kg	94
108)	1,2,3-Trichlorobenzene	18.19	180	11075	2.94	ug/kg	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:29 2010 Quant Results File: VY2583AP9.RES

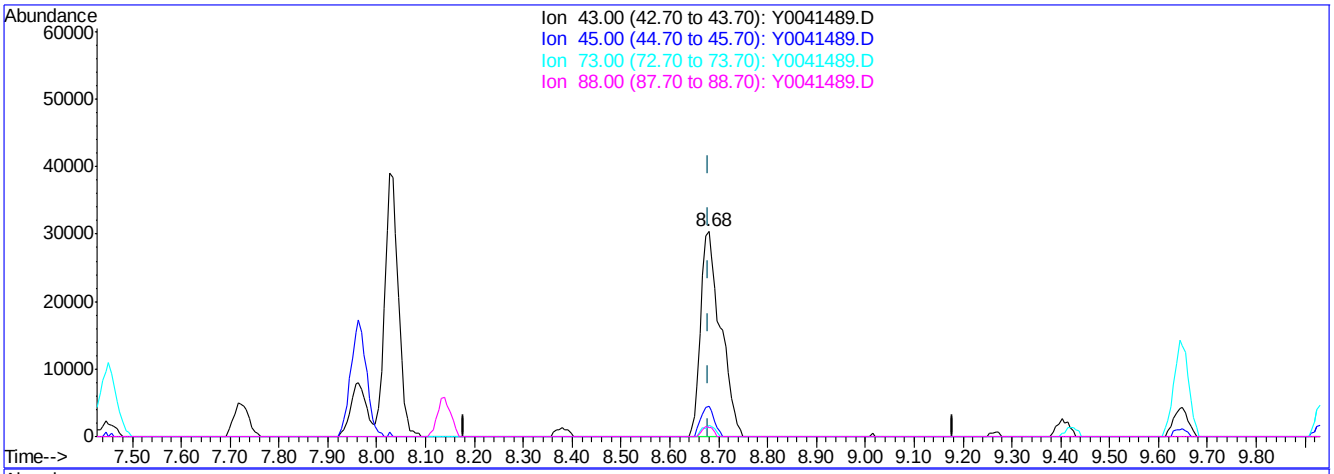
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

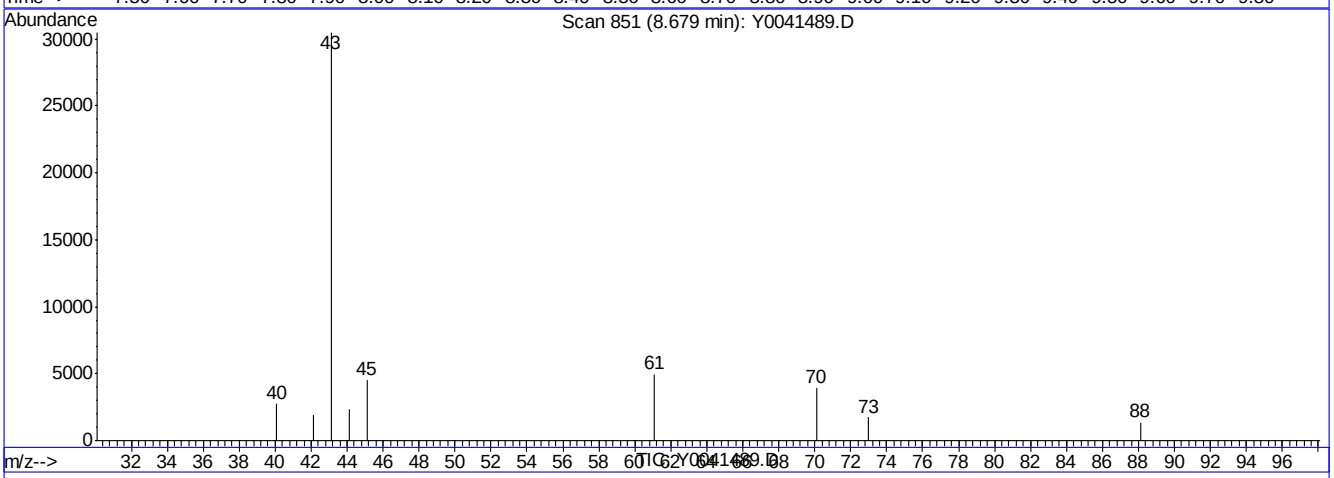


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:09 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 23.33ug/kg

response 85769

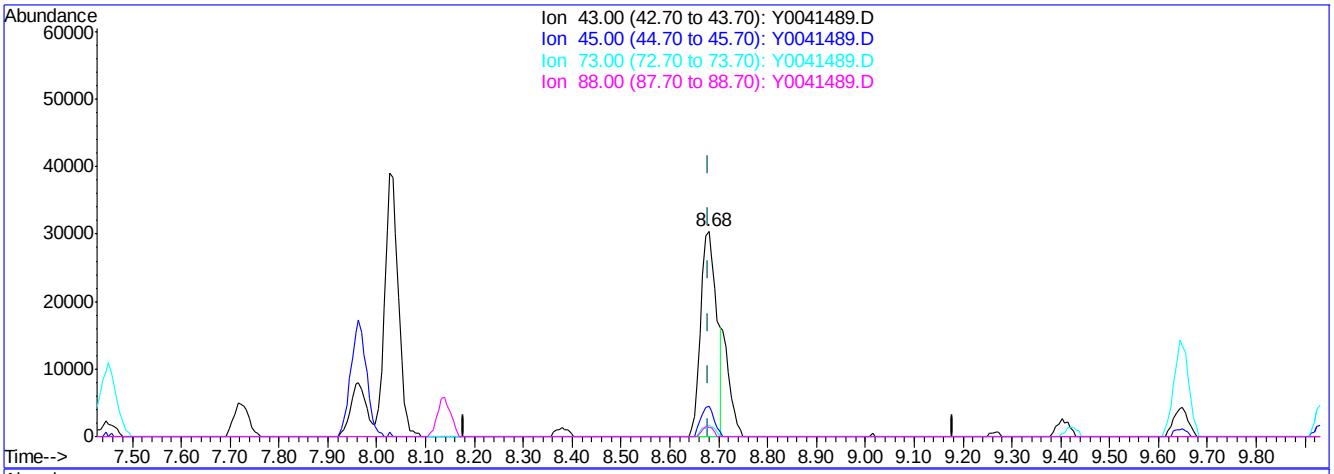
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.89
73.00	4.50	5.72
88.00	4.50	4.54

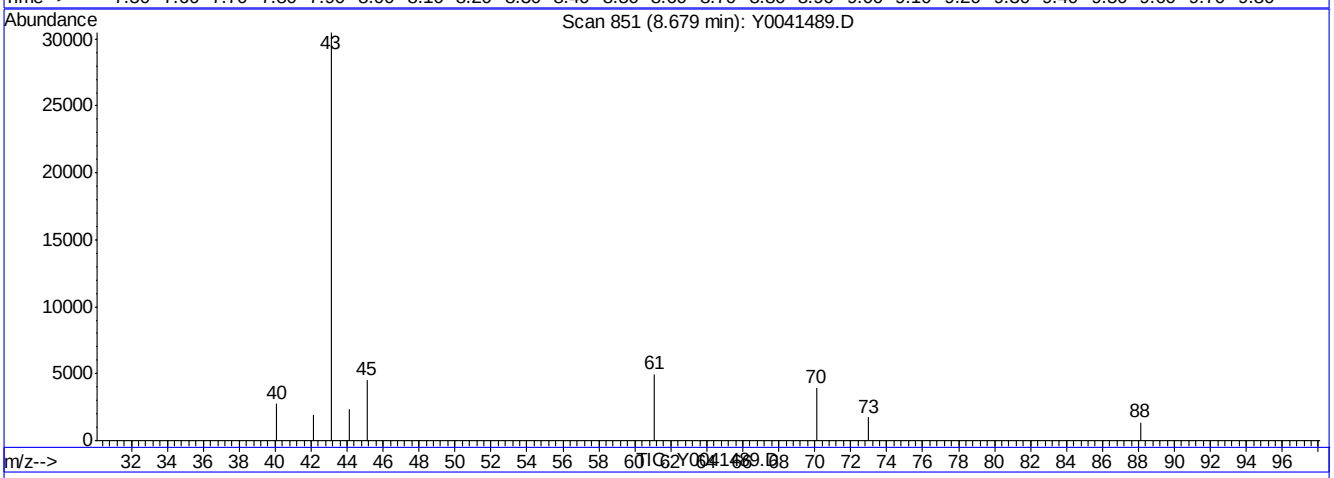
Y0041489.D VY2583AP9.M Wed Aug 18 10:27:35 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:27 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 18.49ug/kg m

response 67958

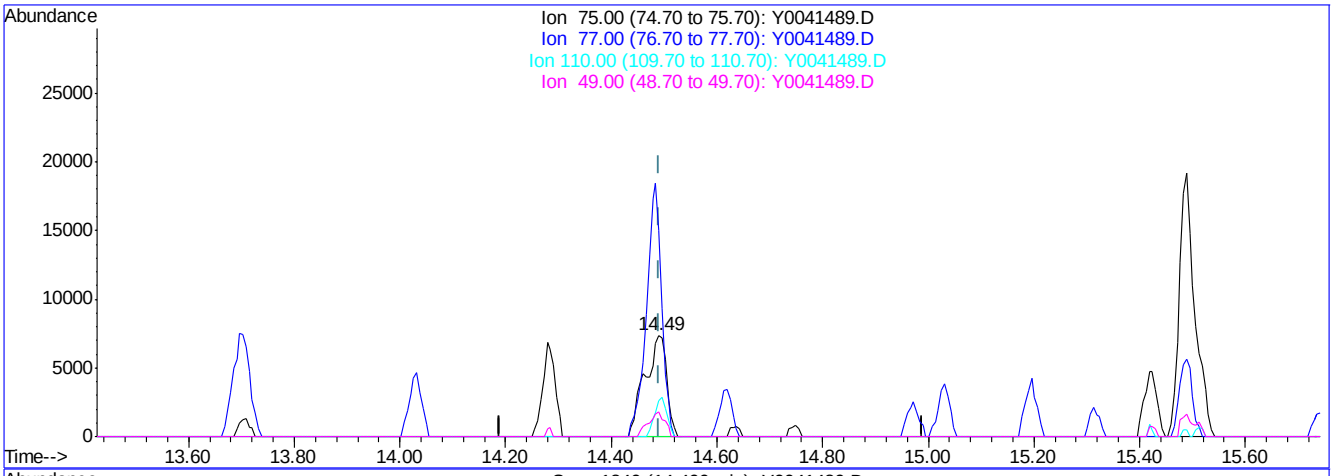
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.89
73.00	4.50	5.72
88.00	4.50	4.54

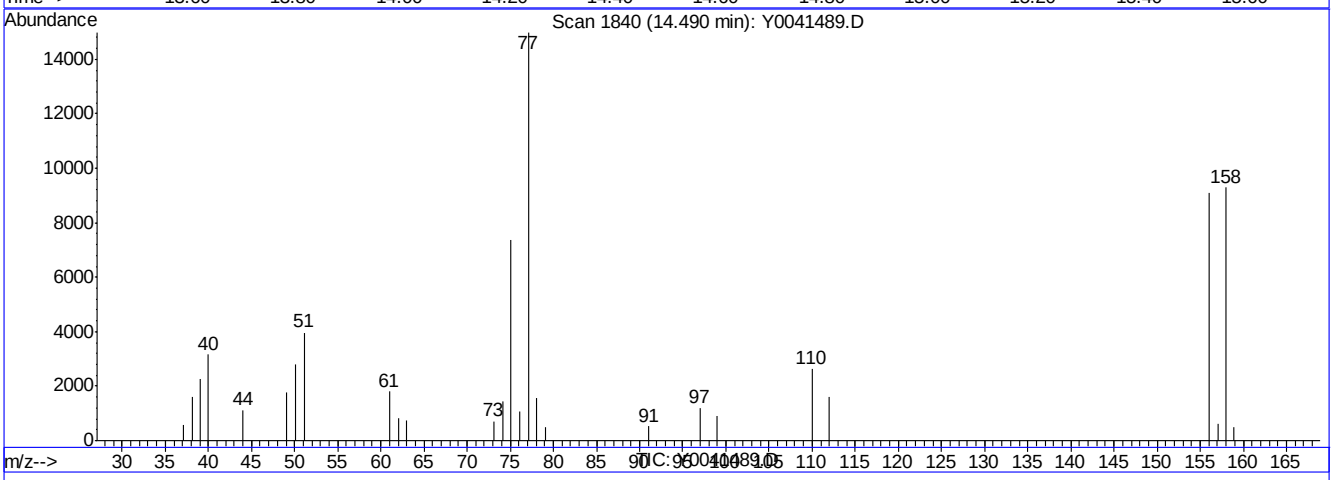
Y0041489.D VY2583AP9.M Wed Aug 18 10:27:48 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:27 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 6.25ug/kg

response 20891

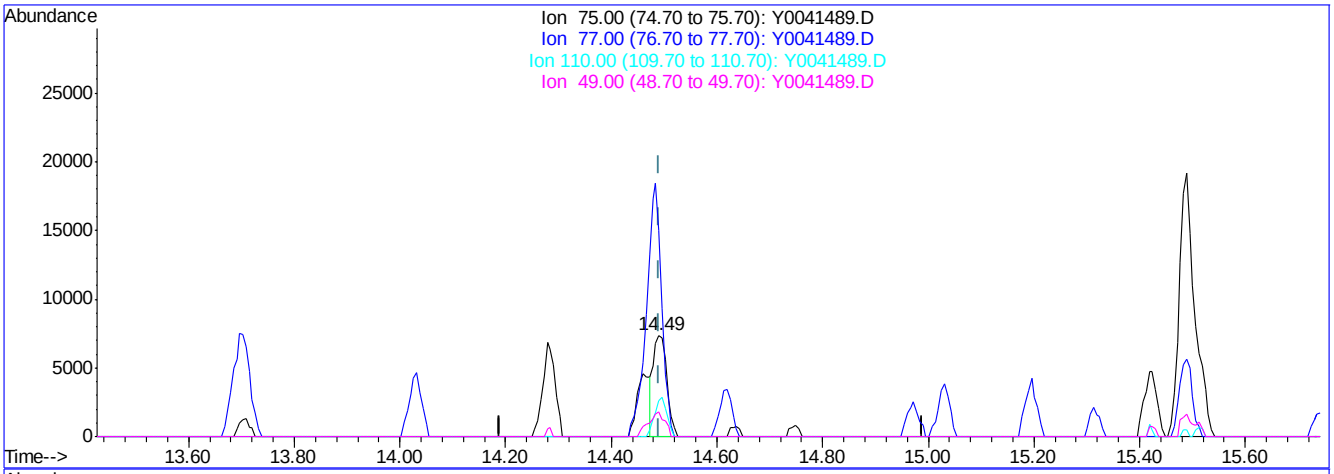
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	202.87
110.00	34.20	35.64
49.00	22.90	23.81

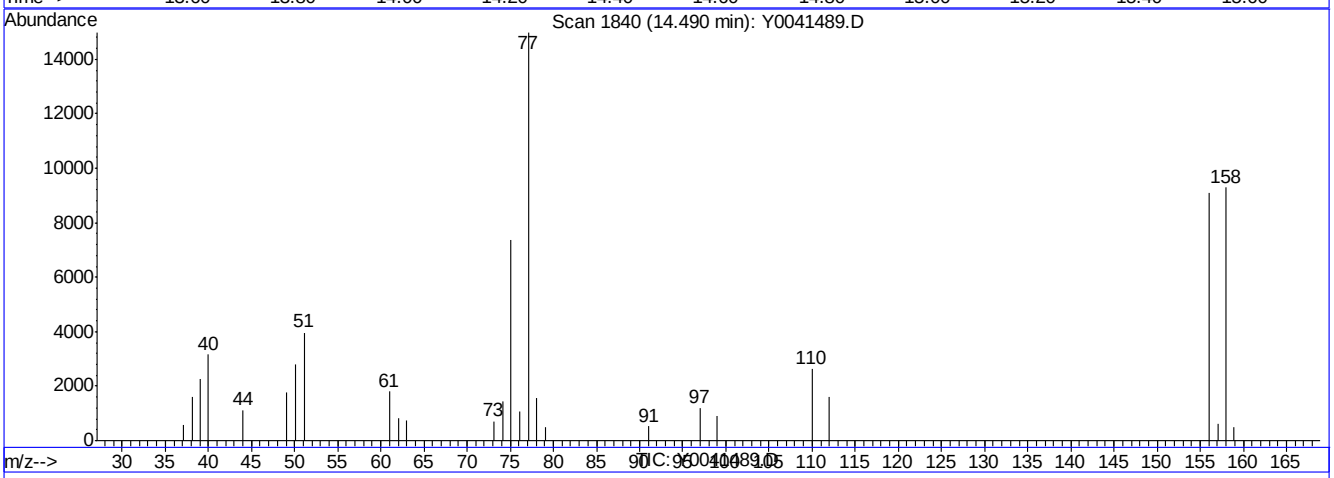
Y0041489.D VY2583AP9.M Wed Aug 18 10:28:52 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041489.D Vial: 5
Acq On : 18 Aug 2010 7:06 am Operator: fayzai
Sample : ic2583-4 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:28 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:09:03 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 3.90ug/kg m

response 13023

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	202.87
110.00	34.20	35.64
49.00	22.90	23.81

Y0041489.D VY2583AP9.M Wed Aug 18 10:29:02 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:06:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	662841	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	566504	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	266427	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	266427	50.00	mg/kg	0.00

System Monitoring Compounds

41) Dibromofluoromethane	9.23	113	24745	9.50	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 19.00%#			
47) 1,2-Dichloroethane-d4	9.65	65	27901	9.78	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 19.56%#			
64) Toluene-d8	11.54	98	118016	9.86	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 19.72%#			
85) 4-Bromofluorobenzene	14.28	95	48579	9.97	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 19.94%#			

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.94	85	12731	9.15	ug/kg	96
3) Chloromethane	4.34	50	16878	9.38	ug/kg	99
4) Vinyl Chloride	4.56	62	15786	9.03	ug/kg	95
5) Bromomethane	5.21	94	13776	9.49	ug/kg	95
6) Chloroethane	5.38	64	10794	9.39	ug/kg	97
7) Trichlorofluoromethane	5.75	101	19986	9.03	ug/kg	93
8) Ethyl Alcohol	6.15	45	14880	103.72	ug/kg	92
9) Ethyl ether	6.15	59	19432	10.05	ug/kg	93
10) Acrolein	6.46	56	4095	46.25	ug/kg	93
11) 1,1-Dichloroethene	6.55	96	15433	10.19	ug/kg	90
12) Freon 113	6.46	101	15889	10.57	ug/kg	95
13) Acetone	6.65	43	28248	61.23	ug/kg	96
14) Isopropyl Alcohol	6.74	45	12489	109.07	ug/kg#	100
15) Iodomethane	6.83	142	29754	9.94	ug/kg	99
16) Methyl acetate	7.02	43	92066	49.47	ug/kg	96
17) Carbon Disulfide	6.92	76	53289	10.25	ug/kg	93
18) Allyl Chloride	7.05	41	27940	9.50	ug/kg	96
19) Acetonitrile	7.13	41	8363	49.19	ug/kg	87
20) Methylene Chloride	7.24	84	29368	12.95	ug/kg	96
21) Tert Butyl Alcohol	7.25	59	21519	101.20	ug/kg	97
22) trans-1,2-Dichloroethene	7.53	96	22144	10.14	ug/kg	97
23) Acrylonitrile	7.60	53	28927	48.07	ug/kg	97
24) Hexane	7.73	57	32703	10.06	ug/kg	97
25) Methyl Tert Butyl Ether	7.45	73	61189	10.08	ug/kg	99
26) 1,1-Dichloroethane	8.08	63	43427	10.40	ug/kg	96
27) Vinyl acetate	8.03	43	130591	43.06	ug/kg	99
28) Di-isopropyl ether	7.96	45	86170	10.10	ug/kg	98
29) Chloroprene	8.14	53	31114	9.90	ug/kg	97
30) Ethyl tert-butyl ether	8.38	59	73164	10.00	ug/kg	97
31) Ethyl Acetate	8.68	43	133632m	51.05	ug/kg	
32) 2,2-Dichloropropane	8.72	77	22736	10.42	ug/kg	98
33) cis-1,2-Dichloroethene	8.74	96	25914	10.15	ug/kg	97
34) 2-Butanone	8.71	72	14760	51.74	ug/kg#	87
35) Propionitrile	8.88	54	13192	49.29	ug/kg	98

(#) = qualifier out of range (m) = manual integration
Y0041490.D VY2583AP9.M Wed Aug 18 11:23:16 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:06:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36) Bromochloromethane	9.03	128	13724	9.90	ug/kg	92
37) Methacrylonitrile	9.01	41	66484	47.97	ug/kg	95
38) Chloroform	9.05	83	46190	10.55	ug/kg	99
39) Tetrahydrofuran	9.27	42	7095	10.26	ug/kg	92
40) 1,1,1-Trichloroethane	9.26	97	31131	10.60	ug/kg	97
42) Cyclohexane	9.27	56	31359	10.10	ug/kg	98
43) Isobutyl Alcohol	9.41	43	8617	87.14	ug/kg	93
44) 1,1-Dichloropropene	9.42	75	34364	10.34	ug/kg	98
45) n-Butyl Alcohol	10.09	56	4924	79.45	ug/kg	78
46) Carbon Tetrachloride	9.41	117	29289	10.68	ug/kg	97
48) Benzene	9.66	78	118699	10.52	ug/kg	99
49) 1,2-Dichloroethane	9.73	62	34123	10.29	ug/kg	100
50) tert-amyl methyl ether	9.65	73	69639	9.67	ug/kg	98
51) Trichloroethene	10.31	95	29115	10.44	ug/kg	96
52) 1-Bromo-2-Chloroethane	11.08	63	78236	9.23	ug/kg	97
53) Methylcyclohexane	10.46	83	34914	9.77	ug/kg	95
54) Methyl Methacrylate	10.55	41	21493	8.82	ug/kg	96
55) 1,2-Dichloropropane	10.60	63	33429	10.29	ug/kg	94
56) Dibromomethane	10.74	93	18288	10.48	ug/kg	98
57) 1,4-Dioxane	10.67	88	4964	190.58	ug/kg	88
58) Bromodichloromethane	10.85	83	41918	10.41	ug/kg	99
59) 2-Nitropropane	11.13	41	30043	48.93	ug/kg	93
60) 2-Chloroethyl vinyl ether	11.08	63	78236	46.15	ug/kg	97
61) 4-Methyl-2-pentanone	11.38	100	18591	46.99	ug/kg	97
62) cis-1,3-Dichloropropene	11.29	75	54402	10.18	ug/kg	96
65) Toluene	11.61	92	87411	10.36	ug/kg	99
66) Ethyl Methacrylate	11.79	69	35916	8.54	ug/kg	96
67) trans-1,3-Dichloropropene	11.86	75	46572	9.91	ug/kg	96
68) 1,1,2-Trichloroethane	12.07	83	26795	10.41	ug/kg	97
69) Tetrachloroethene	12.16	164	29450	10.21	ug/kg	95
70) 2-hexanone	12.22	43	83130	46.27	ug/kg	99
71) 1,3-Dichloropropane	12.26	76	52773	10.29	ug/kg	97
72) Dibromochloromethane	12.49	129	35699	10.02	ug/kg	97
73) 1,2-Dibromoethane	12.67	107	30753	10.11	ug/kg	99
74) 1-Chlorohexane	12.96	91	44188	9.79	ug/kg	96
75) Chlorobenzene	13.12	112	107731	11.06	ug/kg	98
76) 1,1,1,2-Tetrachloroethane	13.17	131	33888	10.58	ug/kg	98
77) Ethylbenzene	13.14	91	168518	10.48	ug/kg	99
78) m,p-Xylene	13.25	106	132195	21.02	ug/kg	98
79) o-Xylene	13.69	106	60591	10.27	ug/kg	91
80) Styrene	13.71	104	110064	10.21	ug/kg	99
81) Bromoform	14.00	173	25366	10.58	ug/kg	97
83) Isopropylbenzene	14.03	105	124451	9.52	ug/kg	100
84) Cyclohexanone	14.27	55	3411	43.81	ug/kg#	75
86) Bromobenzene	14.48	156	46318	9.97	ug/kg	97
87) 1,1,2,2-Tetrachloroethane	14.40	83	37023	9.98	ug/kg	99
88) Trans-1,4-Dichloro-2-Buten	14.46	53	10447	9.69	ug/kg#	94
89) 1,2,3-Trichloropropane	14.49	75	30194m	10.11	ug/kg	
90) n-Propylbenzene	14.45	91	176467	9.77	ug/kg	99

(#) = qualifier out of range (m) = manual integration
Y0041490.D VY2583AP9.M Wed Aug 18 11:23:16 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:06:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

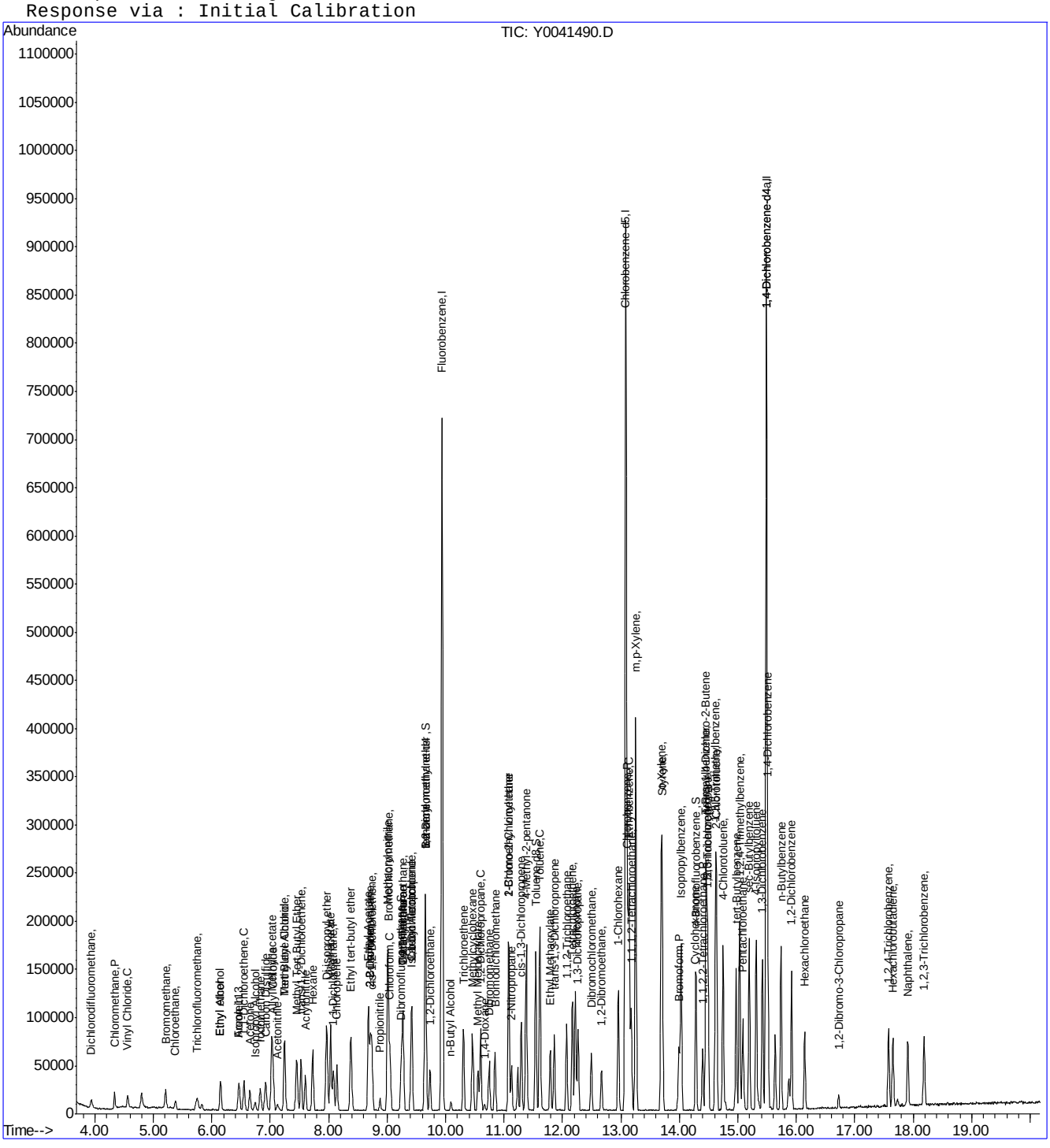
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.64	91	121823	10.05	ug/kg	98
92)	4-Chlorotoluene	14.75	91	109749	10.08	ug/kg	99
93)	1,3,5-Trimethylbenzene	14.61	105	113440	9.70	ug/kg	96
94)	Pentachloroethane	15.08	167	21914	9.52	ug/kg	100
95)	sec-Butylbenzene	15.20	105	136467	9.79	ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	76917	10.57	ug/kg	99
97)	4-Isopropyltoluene	15.31	119	111169	10.00	ug/kg	100
98)	1,4-Dichlorobenzene	15.51	146	78951	10.70	ug/kg	98
99)	tert-Butylbenzene	14.97	91	51159	9.30	ug/kg	96
100)	n-Butylbenzene	15.74	91	103666	10.22	ug/kg	97
101)	1,2-Dichlorobenzene	15.92	146	67858	10.51	ug/kg	98
102)	1,2,4-Trimethylbenzene	15.03	105	118403	10.10	ug/kg	98
103)	Hexachloroethane	16.14	119	17653	9.36	ug/kg	96
104)	1,2-Dibromo-3-Chloropropan	16.72	75	4228	9.88	ug/kg	87
105)	1,2,4-Trichlorobenzene	17.57	180	33915	9.54	ug/kg	99
106)	Hexachlorobutadiene	17.65	225	19216	9.67	ug/kg	98
107)	Naphthalene	17.90	128	64045	8.69	ug/kg	99
108)	1,2,3-Trichlorobenzene	18.19	180	31477	9.19	ug/kg	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:08 2010 Quant Results File: VY2583AP9.RES

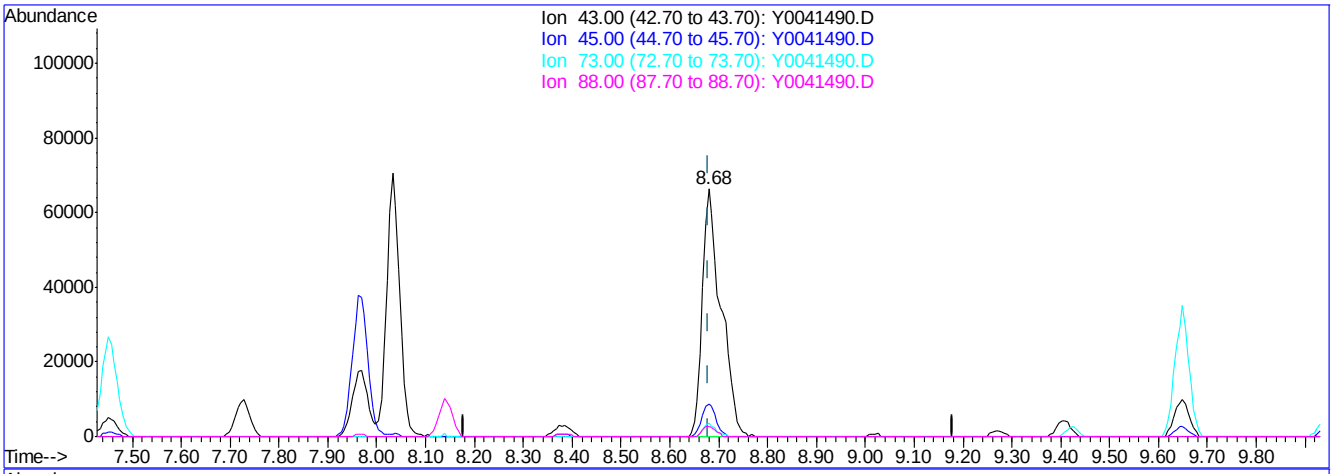
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

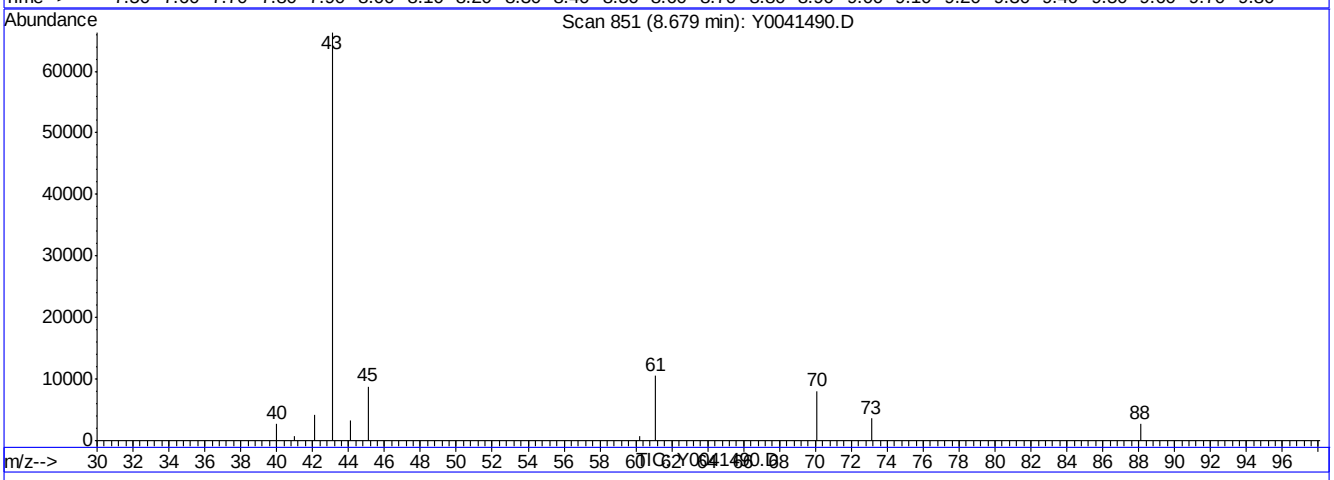


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:06 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 66.87ug/kg

response 175040

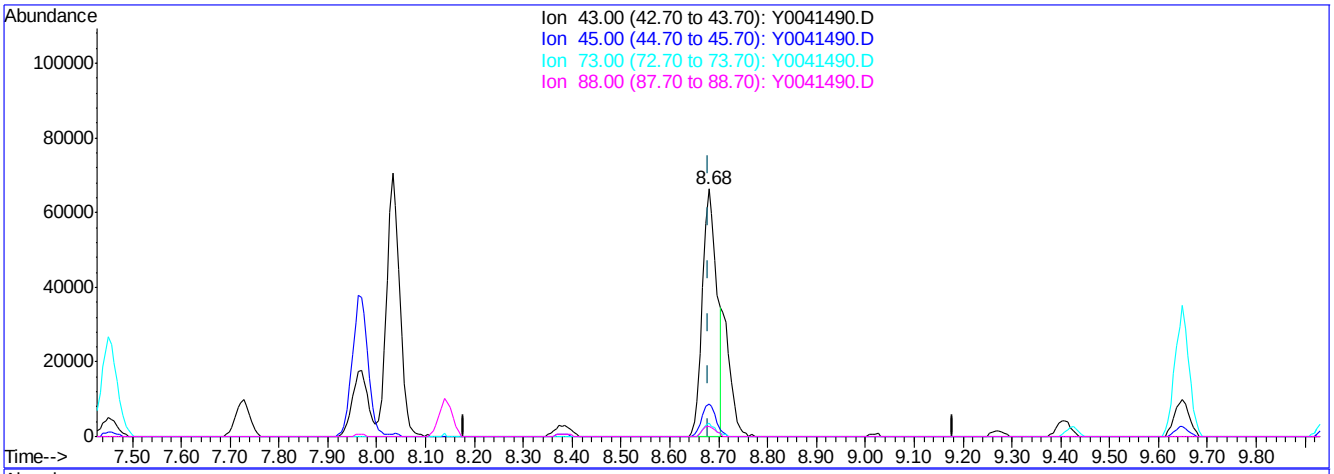
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	13.27
73.00	4.50	5.43
88.00	4.50	4.01

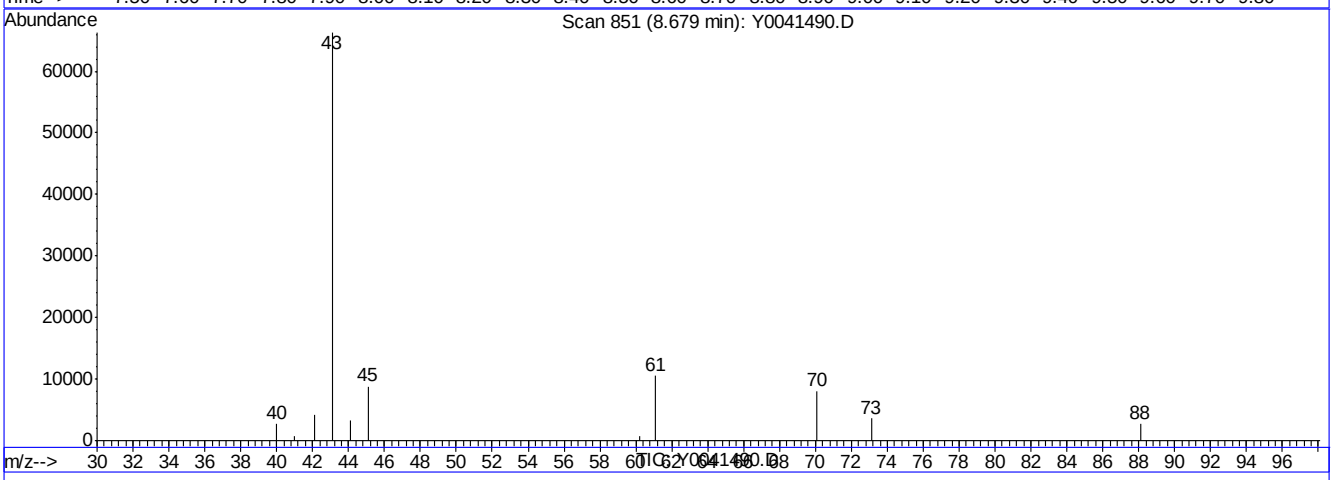
Y0041490.D VY2583AP9.M Wed Aug 18 10:07:18 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:07 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 51.05ug/kg m

response 133632

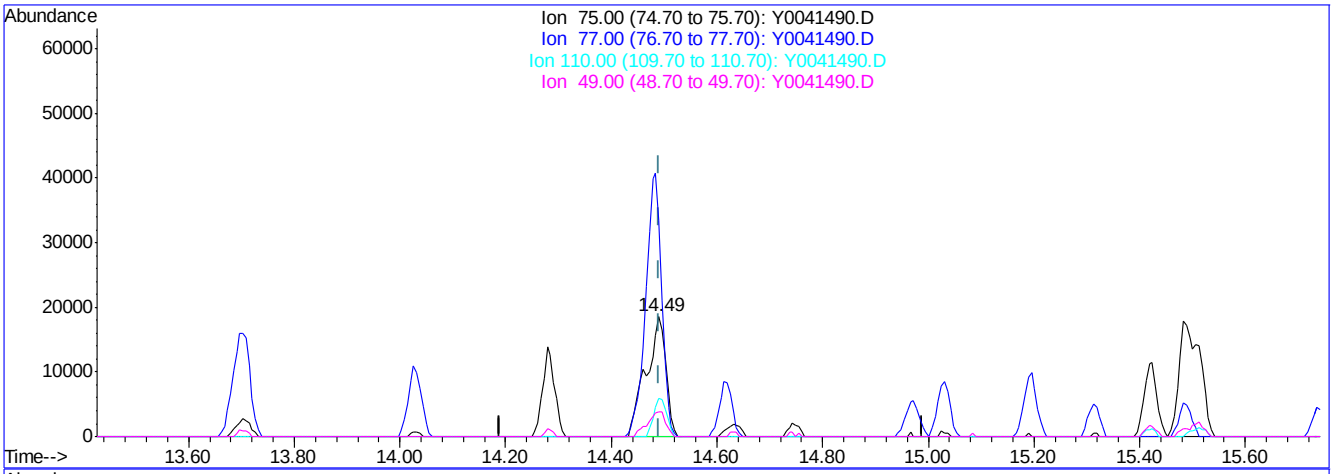
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	13.27
73.00	4.50	5.43
88.00	4.50	4.01

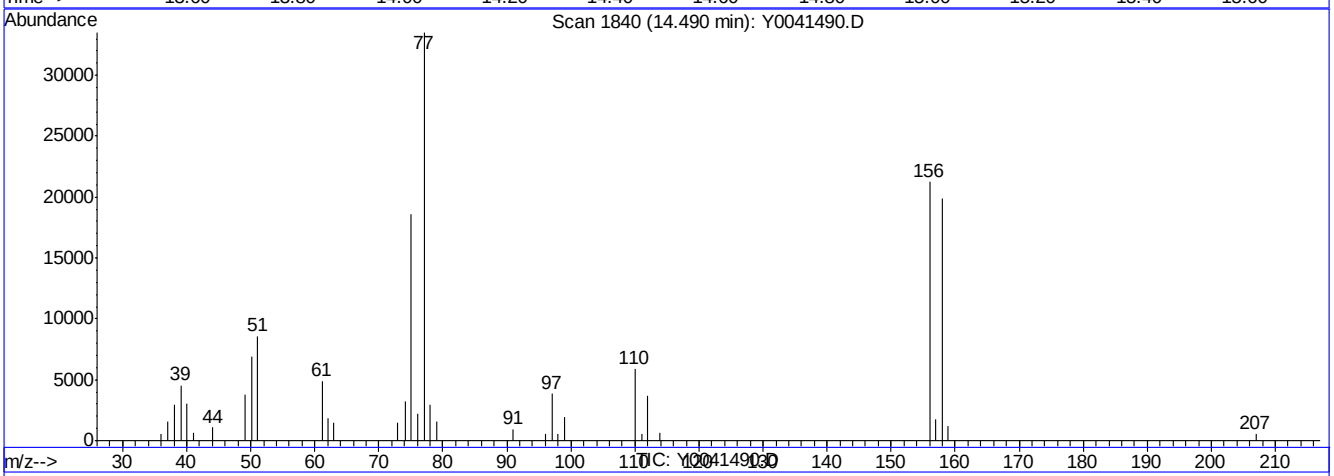
Y0041490.D VY2583AP9.M Wed Aug 18 10:07:33 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:07 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 16.08ug/kg

response 48017

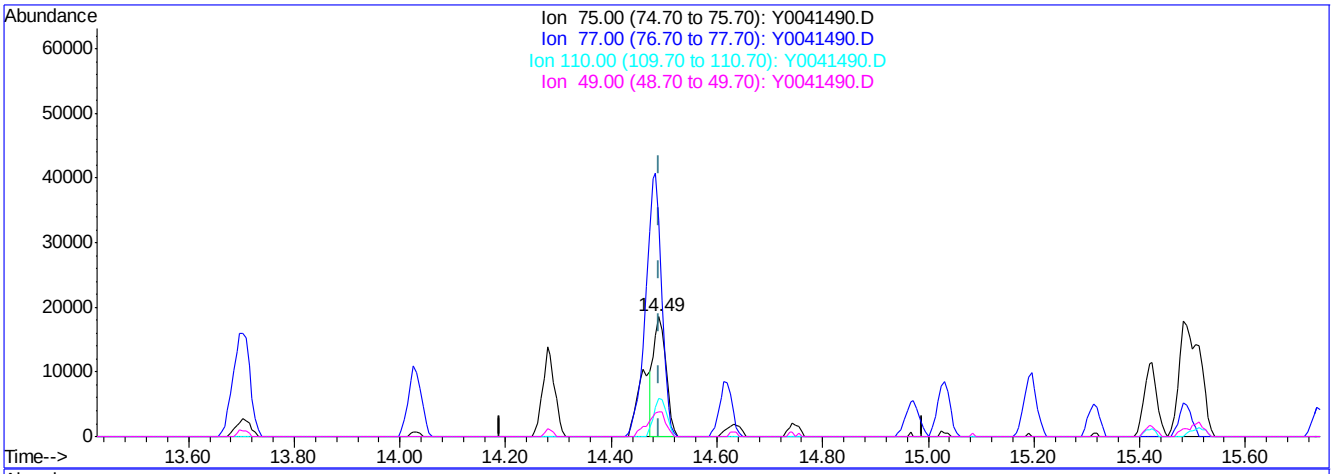
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	180.21
110.00	34.20	31.55
49.00	22.90	20.31

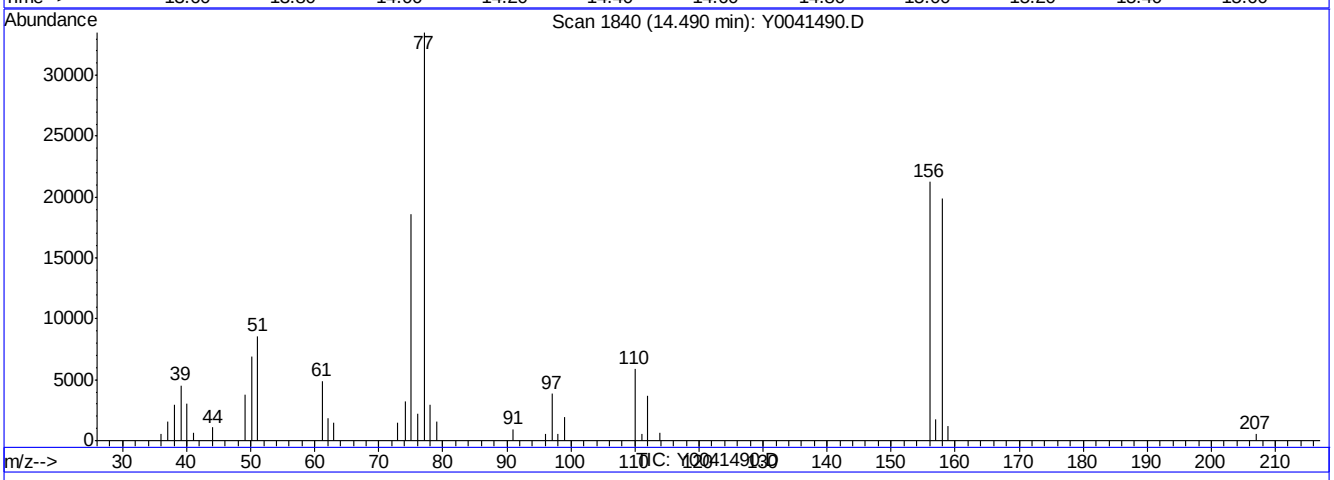
Y0041490.D VY2583AP9.M Wed Aug 18 10:08:25 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041490.D Vial: 6
Acq On : 18 Aug 2010 7:35 am Operator: fayzai
Sample : ic2583-10 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:08 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:06:44 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 10.11ug/kg m

response 30194

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	180.21
110.00	34.20	31.55
49.00	22.90	20.31

Y0041490.D VY2583AP9.M Wed Aug 18 10:08:38 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01:58 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	713332	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	597698	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	261260	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	261260	50.00	mg/kg	0.00

System Monitoring Compounds						
41) Dibromofluoromethane	9.24	113	57426	21.07	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 42.14%#			
47) 1,2-Dichloroethane-d4	9.65	65	63678	21.34	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 42.68%#			
64) Toluene-d8	11.54	98	260348	21.22	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 42.44%#			
85) 4-Bromofluorobenzene	14.28	95	101454	22.00	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 44.00%#			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	28003	18.49	ug/kg	78
3) Chloromethane	4.34	50	36736	18.69	ug/kg	96
4) Vinyl Chloride	4.56	62	35466	18.51	ug/kg	96
5) Bromomethane	5.21	94	30261	19.22	ug/kg	94
6) Chloroethane	5.38	64	22963	18.27	ug/kg	99
7) Trichlorofluoromethane	5.75	101	45824	19.24	ug/kg	91
8) Ethyl Alcohol	6.15	45	27643	174.49	ug/kg	93
9) Ethyl ether	6.15	59	36615	17.07	ug/kg	97
10) Acrolein	6.46	56	7844	76.25	ug/kg	96
11) 1,1-Dichloroethene	6.55	96	27680	16.14	ug/kg	97
12) Freon 113	6.46	101	27977	16.45	ug/kg	92
13) Acetone	6.65	43	46832	89.96	ug/kg	99
14) Isopropyl Alcohol	6.73	45	26120	212.76	ug/kg#	100
15) Iodomethane	6.83	142	53302	15.57	ug/kg	99
16) Methyl acetate	7.02	43	181322	86.65	ug/kg	98
17) Carbon Disulfide	6.92	76	94246	15.92	ug/kg	99
18) Allyl Chloride	7.05	41	61759	19.48	ug/kg	100
19) Acetonitrile	7.13	41	18101	95.48	ug/kg	95
20) Methylene Chloride	7.25	84	47527	18.94	ug/kg	99
21) Tert Butyl Alcohol	7.24	59	41334	172.36	ug/kg	98
22) trans-1,2-Dichloroethene	7.53	96	41484	17.24	ug/kg	97
23) Acrylonitrile	7.60	53	57369	84.29	ug/kg	98
24) Hexane	7.73	57	62870	17.68	ug/kg	99
25) Methyl Tert Butyl Ether	7.45	73	111976	16.32	ug/kg	96
26) 1,1-Dichloroethane	8.08	63	81127	17.59	ug/kg	97
27) Vinyl acetate	8.03	43	275196	80.58	ug/kg	99
28) Di-isopropyl ether	7.96	45	160553	16.88	ug/kg	96
29) Chloroprene	8.14	53	69289	20.96	ug/kg	99
30) Ethyl tert-butyl ether	8.38	59	135113	16.38	ug/kg	99
31) Ethyl Acetate	8.68	43	265838m	90.19	ug/kg	
32) 2,2-Dichloropropane	8.72	77	42560	17.39	ug/kg	96
33) cis-1,2-Dichloroethene	8.74	96	48726	17.33	ug/kg	98
34) 2-Butanone	8.71	72	27126	84.49	ug/kg#	86
35) Propionitrile	8.88	54	29921	103.77	ug/kg	91

(#) = qualifier out of range (m) = manual integration
Y0041491.D VY2583AP9.M Wed Aug 18 11:23:17 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01:58 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Bromochloromethane	9.03	128	26335	17.18 ug/kg	89
37)	Methacrylonitrile	9.01	41	156119	104.93 ug/kg	99
38)	Chloroform	9.05	83	85523	17.76 ug/kg	97
39)	Tetrahydrofuran	9.27	42	13169	17.01 ug/kg	95
40)	1,1,1-Trichloroethane	9.26	97	56630	17.44 ug/kg	97
42)	Cyclohexane	9.27	56	59015	17.14 ug/kg	100
43)	Isobutyl Alcohol	9.40	43	21311	199.26 ug/kg	98
44)	1,1-Dichloropropene	9.43	75	64038	17.58 ug/kg	98
45)	n-Butyl Alcohol	10.09	56	12933	195.93 ug/kg	92
46)	Carbon Tetrachloride	9.41	117	53290	17.66 ug/kg	98
48)	Benzene	9.66	78	220365	17.75 ug/kg	98
49)	1,2-Dichloroethane	9.73	62	64574	17.59 ug/kg	97
50)	tert-amyl methyl ether	9.65	73	134409	16.61 ug/kg	97
51)	Trichloroethene	10.31	95	54567	17.83 ug/kg	98
52)	1-Bromo-2-Chloroethane	11.08	63	160861	17.07 ug/kg	97
53)	Methylcyclohexane	10.46	83	68089	17.30 ug/kg	96
54)	Methyl Methacrylate	10.55	41	55580	22.10 ug/kg	98
55)	1,2-Dichloropropane	10.60	63	63468	17.71 ug/kg	96
56)	Dibromomethane	10.74	93	33748	17.33 ug/kg	97
57)	1,4-Dioxane	10.67	88	9882	339.86 ug/kg	92
58)	Bromodichloromethane	10.85	83	79312	17.94 ug/kg	96
59)	2-Nitropropane	11.13	41	59586	85.95 ug/kg	93
60)	2-Chloroethyl vinyl ether	11.08	63	160861	85.34 ug/kg	98
61)	4-Methyl-2-pentanone	11.38	100	37497	84.43 ug/kg	98
62)	cis-1,3-Dichloropropene	11.29	75	102151	17.30 ug/kg	99
65)	Toluene	11.61	92	160223	17.58 ug/kg	100
66)	Ethyl Methacrylate	11.79	69	88081	19.97 ug/kg	97
67)	trans-1,3-Dichloropropene	11.86	75	86647	16.86 ug/kg	98
68)	1,1,2-Trichloroethane	12.07	83	49382	17.64 ug/kg	97
69)	Tetrachloroethene	12.17	164	55547	17.96 ug/kg	97
70)	2-hexanone	12.22	43	166519	83.99 ug/kg	97
71)	1,3-Dichloropropane	12.26	76	99105	17.78 ug/kg	97
72)	Dibromochloromethane	12.49	129	67505	17.37 ug/kg	97
73)	1,2-Dibromoethane	12.67	107	57664	17.28 ug/kg	99
74)	1-Chlorohexane	12.96	91	84061	17.29 ug/kg	99
75)	Chlorobenzene	13.12	112	192385	18.36 ug/kg	97
76)	1,1,1,2-Tetrachloroethane	13.17	131	61308	17.74 ug/kg	98
77)	Ethylbenzene	13.14	91	309084	17.81 ug/kg	99
78)	m,p-Xylene	13.25	106	239825	35.27 ug/kg	96
79)	o-Xylene	13.69	106	111551	17.45 ug/kg	99
80)	Styrene	13.71	104	202136	17.23 ug/kg	98
81)	Bromoform	14.00	173	45595	17.32 ug/kg	97
83)	Isopropylbenzene	14.03	105	229049	17.41 ug/kg	100
84)	Cyclohexanone	14.27	55	6581	82.39 ug/kg	89
86)	Bromobenzene	14.48	156	83084	17.77 ug/kg	95
87)	1,1,2,2-Tetrachloroethane	14.40	83	66749	17.76 ug/kg	99
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	19784	18.17 ug/kg#	95
89)	1,2,3-Trichloropropane	14.49	75	54107m	17.83 ug/kg	
90)	n-Propylbenzene	14.46	91	321861	17.75 ug/kg	99

(#) = qualifier out of range (m) = manual integration
Y0041491.D VY2583AP9.M Wed Aug 18 11:23:18 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01:58 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.64	91	218172	17.92	ug/kg	99
92)	4-Chlorotoluene	14.75	91	195880	17.89	ug/kg	100
93)	1,3,5-Trimethylbenzene	14.62	105	206748	17.50	ug/kg	99
94)	Pentachloroethane	15.08	167	47529	21.21	ug/kg	92
95)	sec-Butylbenzene	15.20	105	251968	18.07	ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	131457	17.95	ug/kg	99
97)	4-Isopropyltoluene	15.31	119	197831	17.70	ug/kg	98
98)	1,4-Dichlorobenzene	15.51	146	135293	18.17	ug/kg	99
99)	tert-Butylbenzene	14.97	91	98781	17.81	ug/kg	98
100)	n-Butylbenzene	15.74	91	182696	17.92	ug/kg	99
101)	1,2-Dichlorobenzene	15.92	146	115895	17.78	ug/kg	98
102)	1,2,4-Trimethylbenzene	15.03	105	210325	17.76	ug/kg	97
103)	Hexachloroethane	16.15	119	38767	21.14	ug/kg	98
104)	1,2-Dibromo-3-Chloropropan	16.72	75	7374	16.47	ug/kg	88
105)	1,2,4-Trichlorobenzene	17.57	180	58362	15.77	ug/kg	97
106)	Hexachlorobutadiene	17.65	225	34399	16.96	ug/kg	99
107)	Naphthalene	17.91	128	114629	14.70	ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	54815	15.13	ug/kg	97

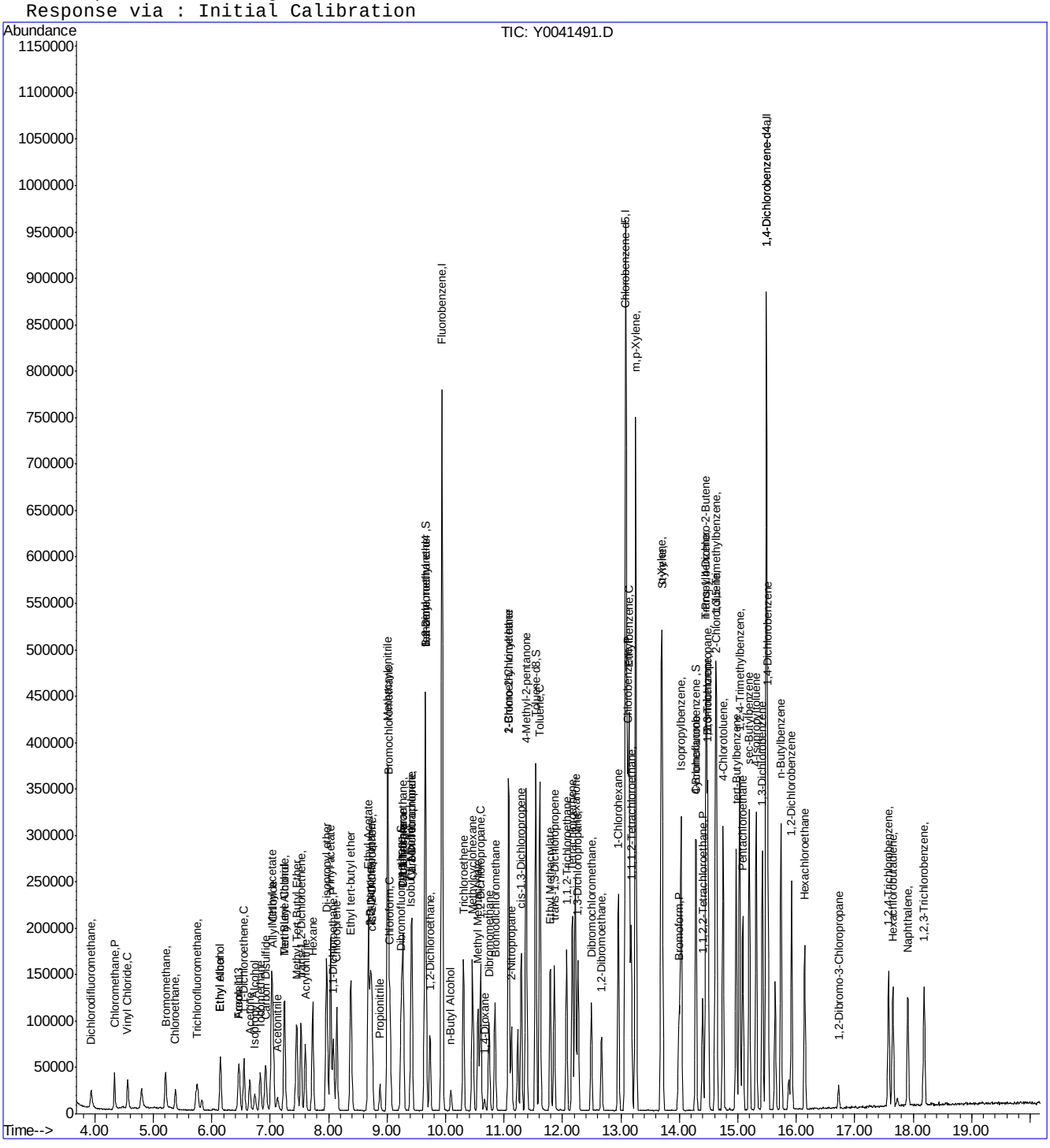
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST LABORATORIES T59309

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04 2010 Quant Results File: VY2583AP9.RES

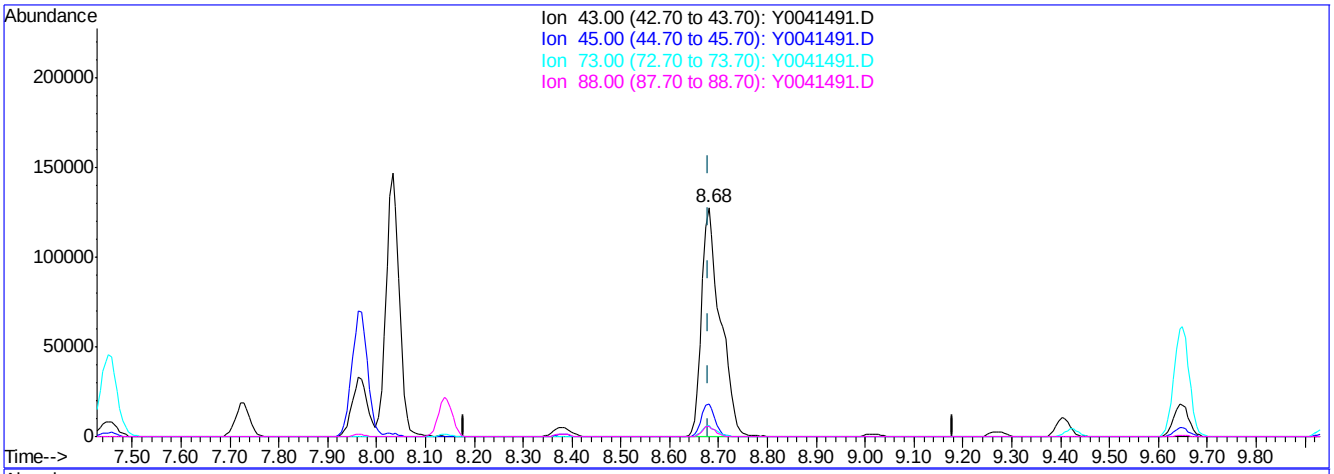
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

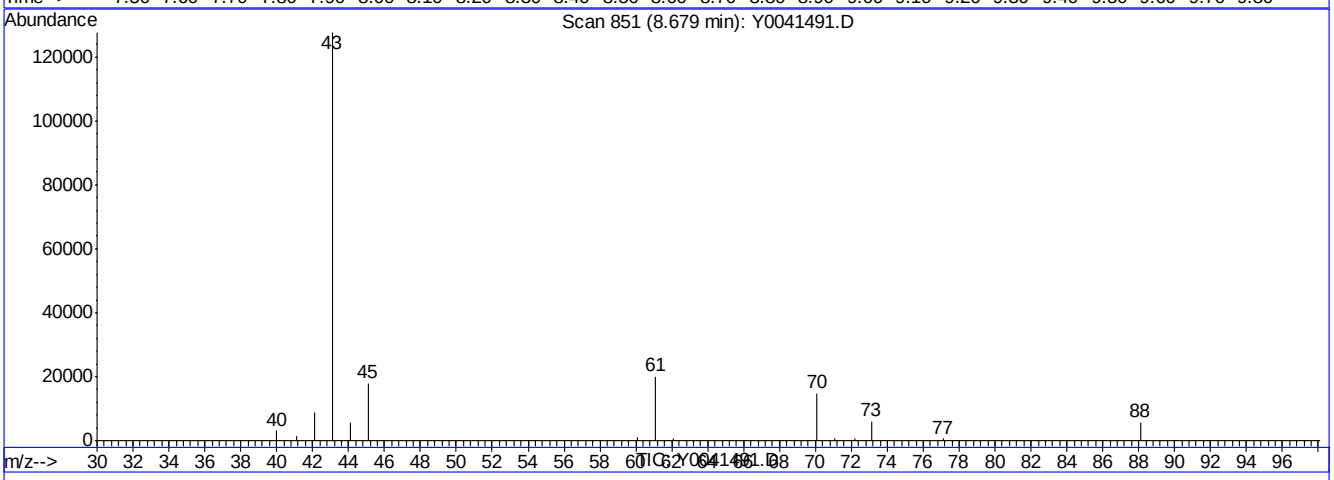


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 114.90ug/kg

response 338676

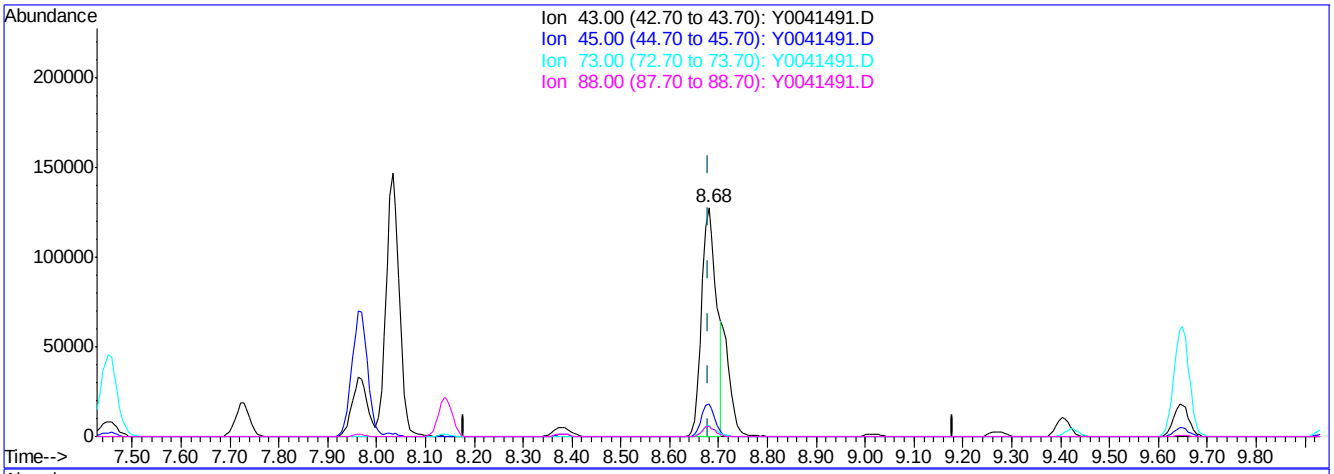
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.04
73.00	4.50	4.79
88.00	4.50	4.50

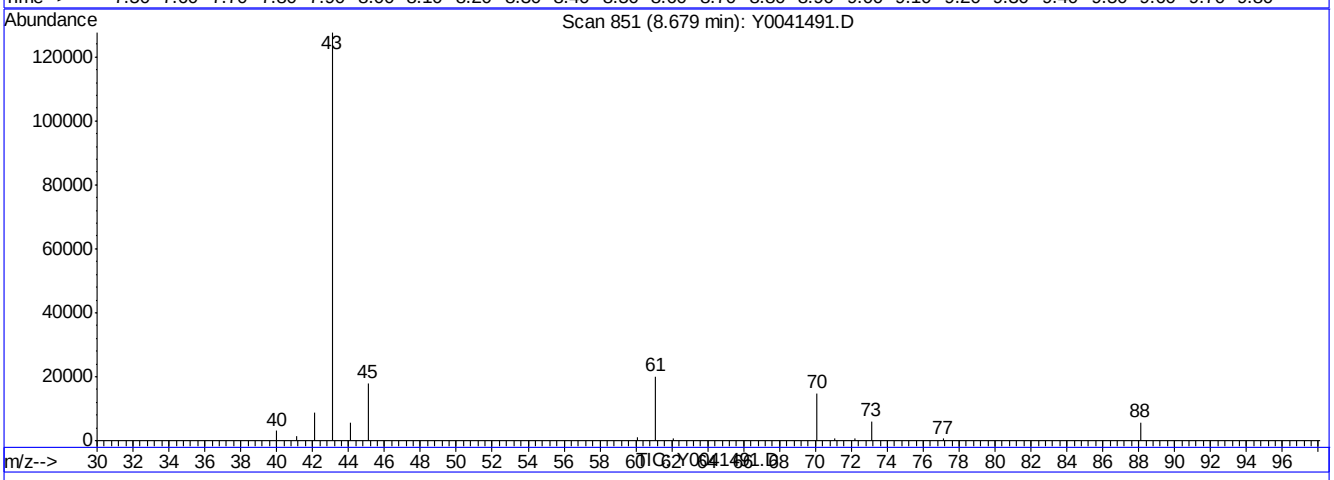
Y0041491.D VY2583AP9.M Wed Aug 18 10:03:08 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:03 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 90.19ug/kg m

response 265838

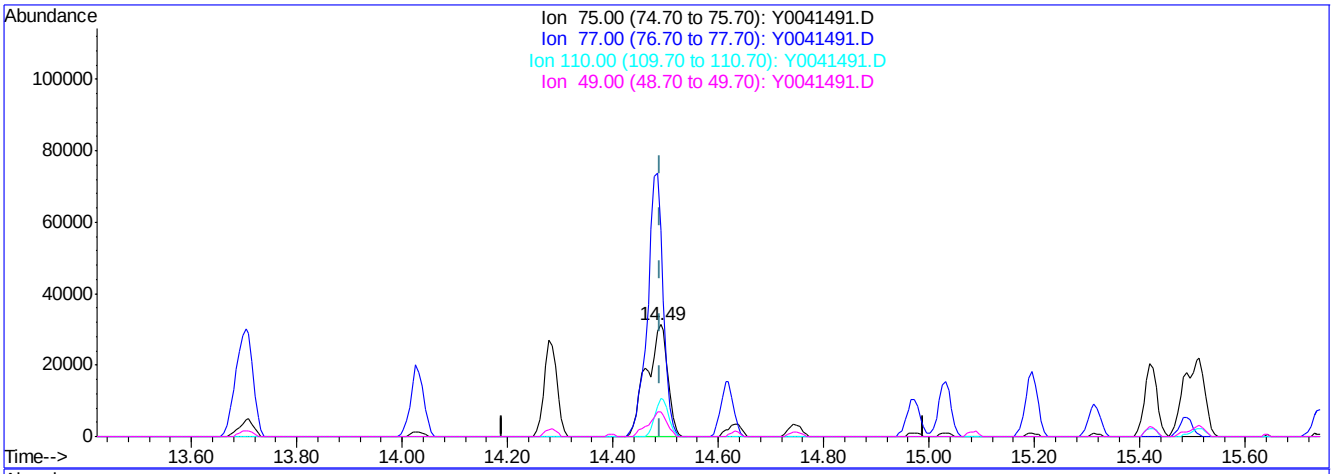
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.04
73.00	4.50	4.79
88.00	4.50	4.50

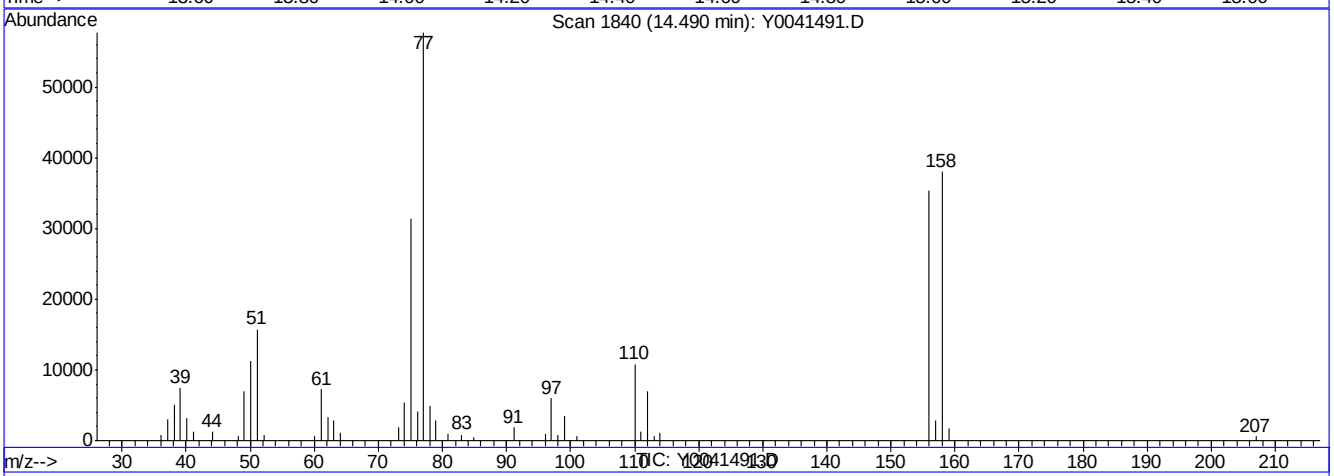
Y0041491.D VY2583AP9.M Wed Aug 18 10:03:34 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:03 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 28.70ug/kg

response 87076

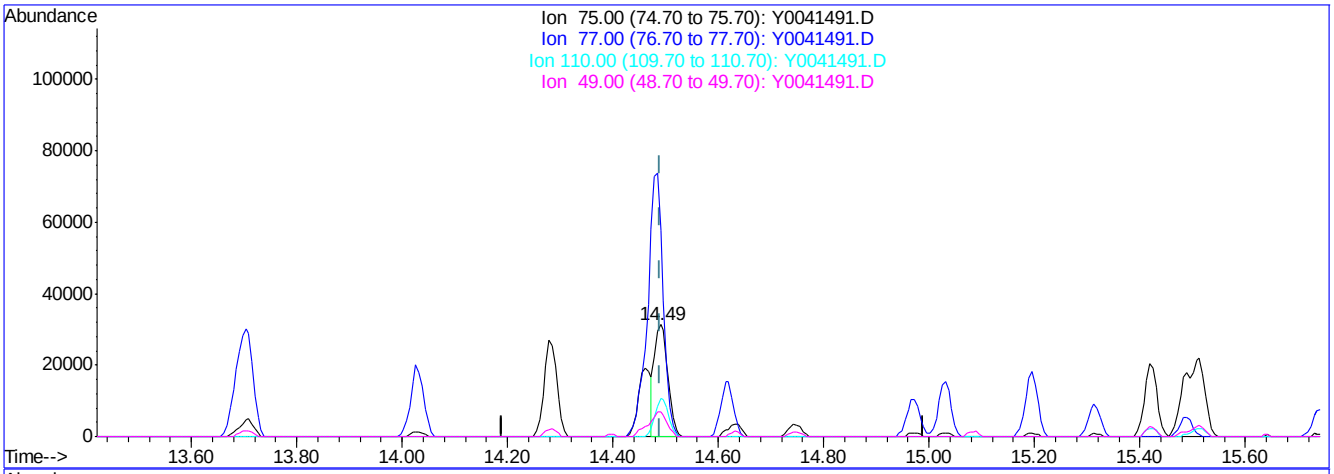
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	184.24
110.00	34.20	34.51
49.00	22.90	22.25

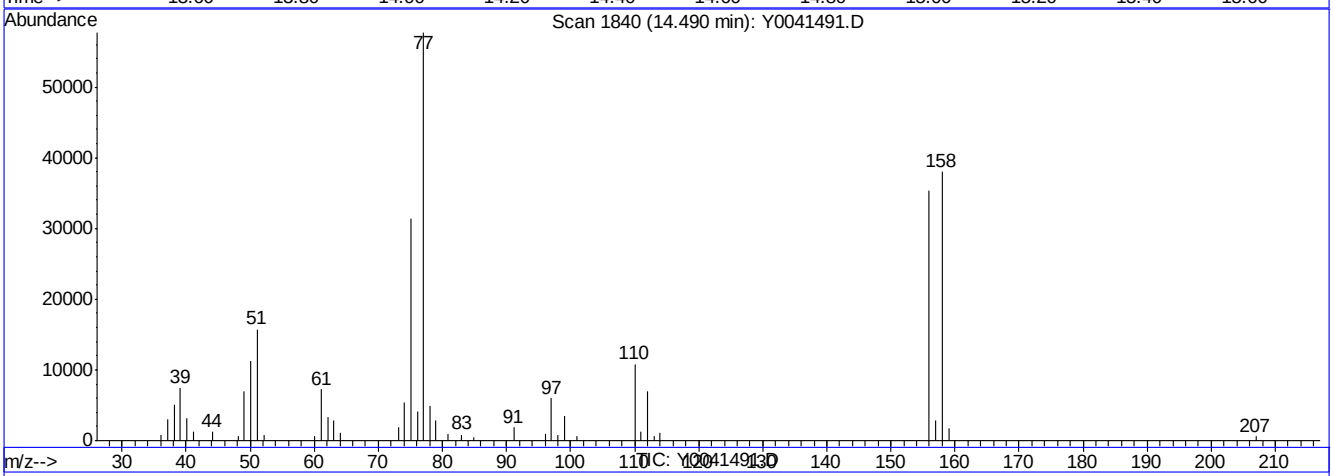
Y0041491.D VY2583AP9.M Wed Aug 18 10:04:12 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041491.D Vial: 7
Acq On : 18 Aug 2010 8:04 am Operator: fayzai
Sample : ic2583-20 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:01:50 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 17.83ug/kg m

response 54107

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	184.24
110.00	34.20	34.51
49.00	22.90	22.25

Y0041491.D VY2583AP9.M Wed Aug 18 10:04:18 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31:36 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	668519	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	556091	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	232789	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	232789	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.23	113	99521	37.72	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 75.44%			
47) 1,2-Dichloroethane-d4	9.65	65	109431	37.90	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 75.80%			
64) Toluene-d8	11.54	98	446514	37.58	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 75.16%#			
85) 4-Bromofluorobenzene	14.28	95	163335	37.51	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 75.02%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	53424	40.77	ug/kg	100
3) Chloromethane	4.34	50	68909	39.34	ug/kg	100
4) Vinyl Chloride	4.56	62	67415	40.38	ug/kg	100
5) Bromomethane	5.21	94	55513	38.95	ug/kg	100
6) Chloroethane	5.38	64	43938	40.14	ug/kg	100
7) Trichlorofluoromethane	5.75	101	85119	40.21	ug/kg	100
8) Ethyl Alcohol	6.15	45	56631	389.14	ug/kg	100
9) Ethyl ether	6.15	59	75960	38.63	ug/kg	100
10) Acrolein	6.46	56	17954	213.27	ug/kg	100
11) 1,1-Dichloroethene	6.55	96	61041	41.33	ug/kg	100
12) Freon 113	6.46	101	60632	41.30	ug/kg	100
13) Acetone	6.65	43	93196	189.41	ug/kg	100
14) Isopropyl Alcohol	6.73	45	41944	355.36	ug/kg#	100
15) Iodomethane	6.83	142	121887	41.85	ug/kg	100
16) Methyl acetate	7.02	43	374122	201.81	ug/kg	100
17) Carbon Disulfide	6.92	76	211184	41.32	ug/kg	100
18) Allyl Chloride	7.05	41	111053	37.87	ug/kg	100
19) Acetonitrile	7.12	41	32467	199.87	ug/kg	100
20) Methylene Chloride	7.25	84	92209	36.35	ug/kg	100
21) Tert Butyl Alcohol	7.24	59	83794	405.61	ug/kg	100
22) trans-1,2-Dichloroethene	7.53	96	86437	39.49	ug/kg	100
23) Acrylonitrile	7.60	53	121239	205.18	ug/kg	100
24) Hexane	7.73	57	130275	39.90	ug/kg	100
25) Methyl Tert Butyl Ether	7.45	73	240891	40.48	ug/kg	100
26) 1,1-Dichloroethane	8.08	63	168012	39.54	ug/kg	100
27) Vinyl acetate	8.03	43	602567	202.82	ug/kg	100
28) Di-isopropyl ether	7.97	45	338348	40.21	ug/kg	100
29) Chloroprene	8.14	53	116876	36.33	ug/kg	100
30) Ethyl tert-butyl ether	8.38	59	292543	40.68	ug/kg	100
31) Ethyl Acetate	8.68	43	546078m	207.45	ug/kg	
32) 2,2-Dichloropropane	8.72	77	89724	41.26	ug/kg	100
33) cis-1,2-Dichloroethene	8.74	96	101252	39.30	ug/kg	100
34) 2-Butanone	8.71	72	56000	198.74	ug/kg	100
35) Propionitrile	8.88	54	49092	182.29	ug/kg	100

(#) = qualifier out of range (m) = manual integration
Y0041492.D VY2583AP9.M Wed Aug 18 11:23:19 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31:36 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Bromochloromethane	9.03	128	55723	40.14	ug/kg	100
37)	Methacrylonitrile	9.01	41	260098	188.38	ug/kg	100
38)	Chloroform	9.05	83	174835	39.03	ug/kg	100
39)	Tetrahydrofuran	9.27	42	28372	42.03	ug/kg	100
40)	1,1,1-Trichloroethane	9.27	97	117137	39.80	ug/kg	100
42)	Cyclohexane	9.27	56	123978	40.49	ug/kg	100
43)	Isobutyl Alcohol	9.40	43	35932	374.68	ug/kg	100
44)	1,1-Dichloropropene	9.43	75	134750	40.11	ug/kg	100
45)	n-Butyl Alcohol	10.10	56	21307	361.74	ug/kg	100
46)	Carbon Tetrachloride	9.41	117	109580	39.58	ug/kg	100
48)	Benzene	9.66	78	456848	39.90	ug/kg	100
49)	1,2-Dichloroethane	9.73	62	133504	39.89	ug/kg	100
50)	tert-amyl methyl ether	9.65	73	286060	40.94	ug/kg	100
51)	Trichloroethene	10.31	95	113832	40.27	ug/kg	100
52)	1-Bromo-2-Chloroethane	11.08	63	336640	40.01	ug/kg	100
53)	Methylcyclohexane	10.46	83	142532	40.53	ug/kg	100
54)	Methyl Methacrylate	10.55	41	86905	35.76	ug/kg	100
55)	1,2-Dichloropropane	10.60	63	131998	40.72	ug/kg	100
56)	Dibromomethane	10.74	93	71647	41.03	ug/kg	100
57)	1,4-Dioxane	10.67	88	19696	802.33	ug/kg	100
58)	Bromodichloromethane	10.85	83	162116	40.12	ug/kg	100
59)	2-Nitropropane	11.13	41	125354	206.35	ug/kg	100
60)	2-Chloroethyl vinyl ether	11.08	63	336640	200.06	ug/kg	100
61)	4-Methyl-2-pentanone	11.38	100	76157	198.71	ug/kg	100
62)	cis-1,3-Dichloropropene	11.29	75	217436	40.45	ug/kg	100
65)	Toluene	11.61	92	330481	39.27	ug/kg	100
66)	Ethyl Methacrylate	11.79	69	148282	36.74	ug/kg	100
67)	trans-1,3-Dichloropropene	11.86	75	186528	40.44	ug/kg	100
68)	1,1,2-Trichloroethane	12.07	83	101117	39.72	ug/kg	100
69)	Tetrachloroethene	12.17	164	112285	39.16	ug/kg	100
70)	2-hexanone	12.22	43	338777	196.25	ug/kg	100
71)	1,3-Dichloropropane	12.26	76	201098	39.88	ug/kg	100
72)	Dibromochloromethane	12.49	129	140769	40.33	ug/kg	100
73)	1,2-Dibromoethane	12.67	107	119435	39.78	ug/kg	100
74)	1-Chlorohexane	12.96	91	174155	39.90	ug/kg	100
75)	Chlorobenzene	13.12	112	382536	38.55	ug/kg	100
76)	1,1,1,2-Tetrachloroethane	13.17	131	123950	39.23	ug/kg	100
77)	Ethylbenzene	13.14	91	629916	39.98	ug/kg	100
78)	m,p-Xylene	13.25	106	492760	80.25	ug/kg	100
79)	o-Xylene	13.69	106	229690	40.38	ug/kg	100
80)	Styrene	13.71	104	420406	40.42	ug/kg	100
81)	Bromoform	14.00	173	93985	40.14	ug/kg	100
83)	Isopropylbenzene	14.03	105	465128	41.22	ug/kg	100
84)	Cyclohexanone	14.27	55	13340	201.10	ug/kg	100
86)	Bromobenzene	14.48	156	165213	40.70	ug/kg	100
87)	1,1,2,2-Tetrachloroethane	14.40	83	132113	40.69	ug/kg	100
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	37534	40.68	ug/kg#	100
89)	1,2,3-Trichloropropane	14.49	75	105786m	40.66	ug/kg	
90)	n-Propylbenzene	14.45	91	643094	41.29	ug/kg	100

(#) = qualifier out of range (m) = manual integration
Y0041492.D VY2583AP9.M Wed Aug 18 11:23:19 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31:36 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

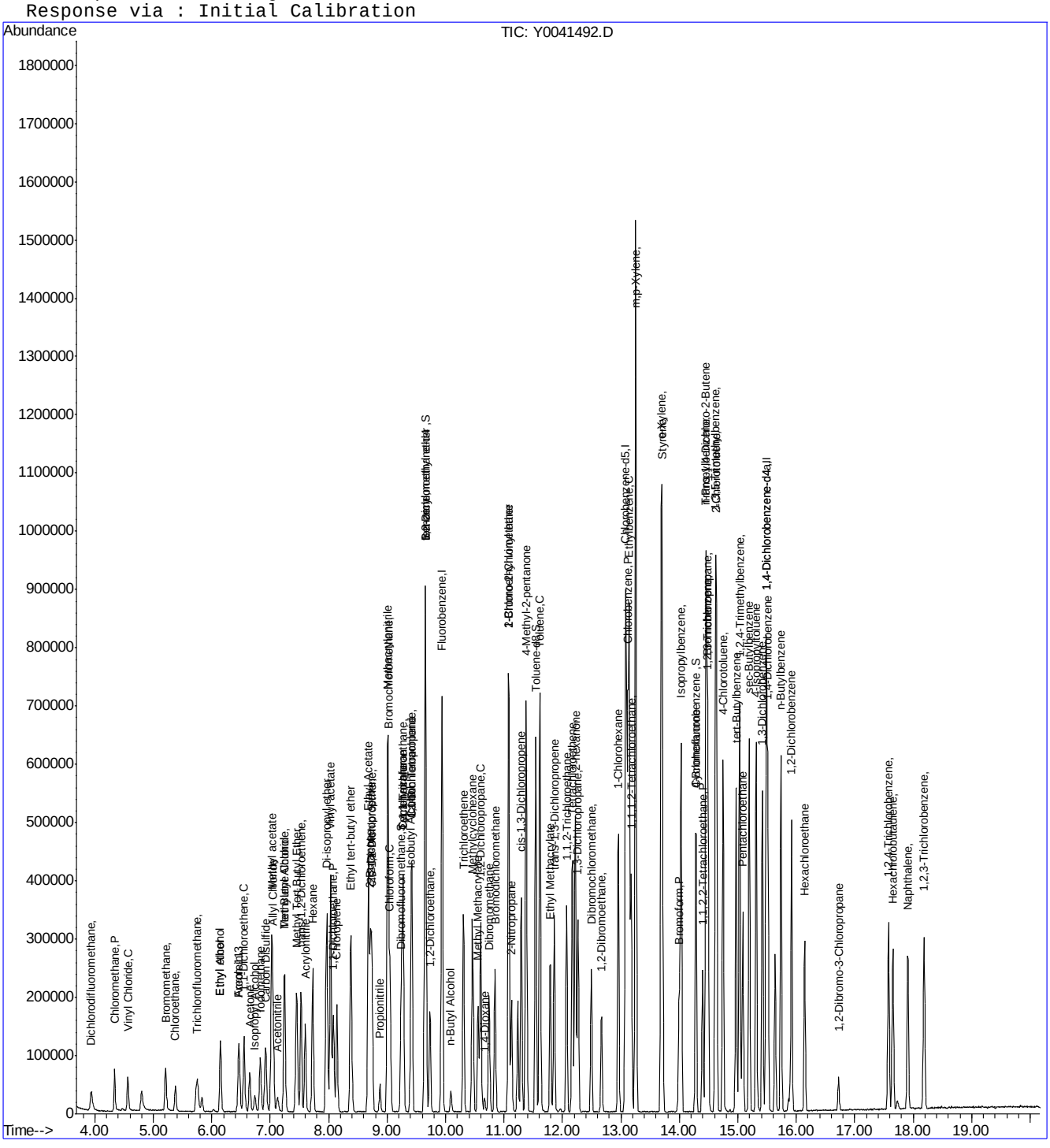
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	435045	41.34 ug/kg	100
92)	4-Chlorotoluene	14.75	91	388542	40.89 ug/kg	100
93)	1,3,5-Trimethylbenzene	14.61	105	420398	42.05 ug/kg	100
94)	Pentachloroethane	15.08	167	77755	38.48 ug/kg	100
95)	sec-Butylbenzene	15.20	105	493014	40.93 ug/kg	100
96)	1,3-Dichlorobenzene	15.42	146	258363	40.32 ug/kg	100
97)	4-Isopropyltoluene	15.31	119	393447	40.93 ug/kg	100
98)	1,4-Dichlorobenzene	15.51	146	261940	39.91 ug/kg	100
99)	tert-Butylbenzene	14.97	91	197299	41.81 ug/kg	100
100)	n-Butylbenzene	15.74	91	358486	40.58 ug/kg	100
101)	1,2-Dichlorobenzene	15.92	146	230262	40.69 ug/kg	100
102)	1,2,4-Trimethylbenzene	15.03	105	420601	41.40 ug/kg	100
103)	Hexachloroethane	16.14	119	62444	37.61 ug/kg	100
104)	1,2-Dibromo-3-Chloropropan	16.72	75	15083	40.81 ug/kg	100
105)	1,2,4-Trichlorobenzene	17.57	180	125225	40.11 ug/kg	100
106)	Hexachlorobutadiene	17.65	225	69464	39.78 ug/kg	100
107)	Naphthalene	17.91	128	256380	40.43 ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	121846	41.11 ug/kg	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041492.D VY2583AP9.M Wed Aug 18 11:23:19 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:32 2010 Quant Results File: VY2583AP9.RES

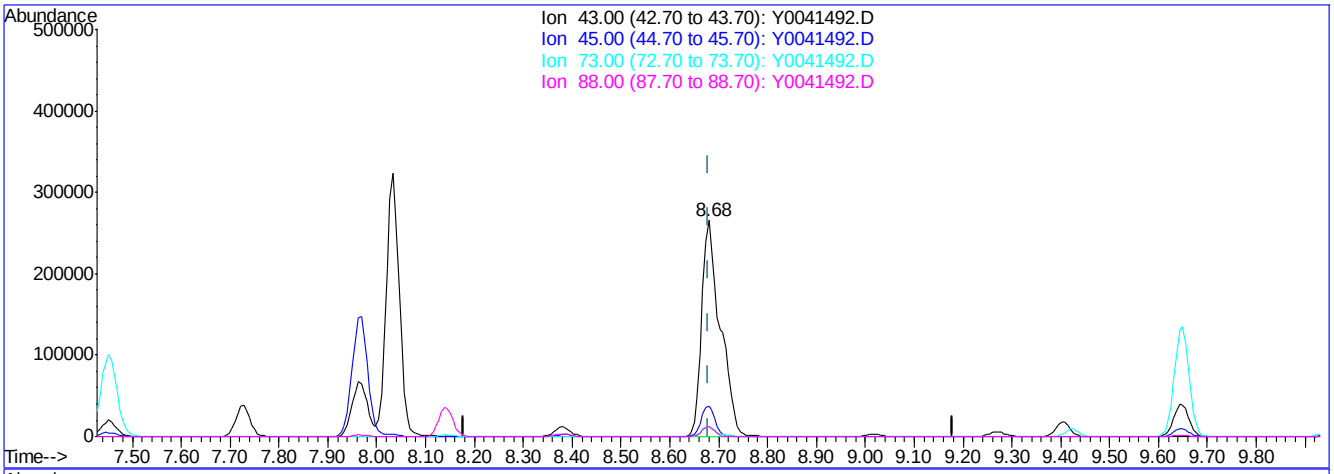
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

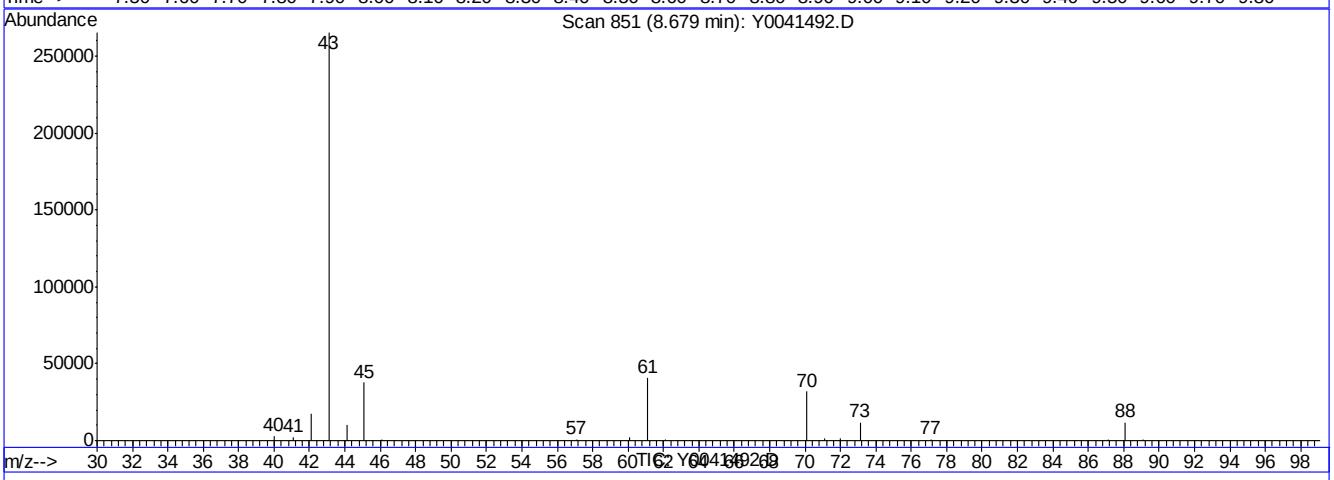


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:56 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (0.000) 0.00ug/kg

response 695316

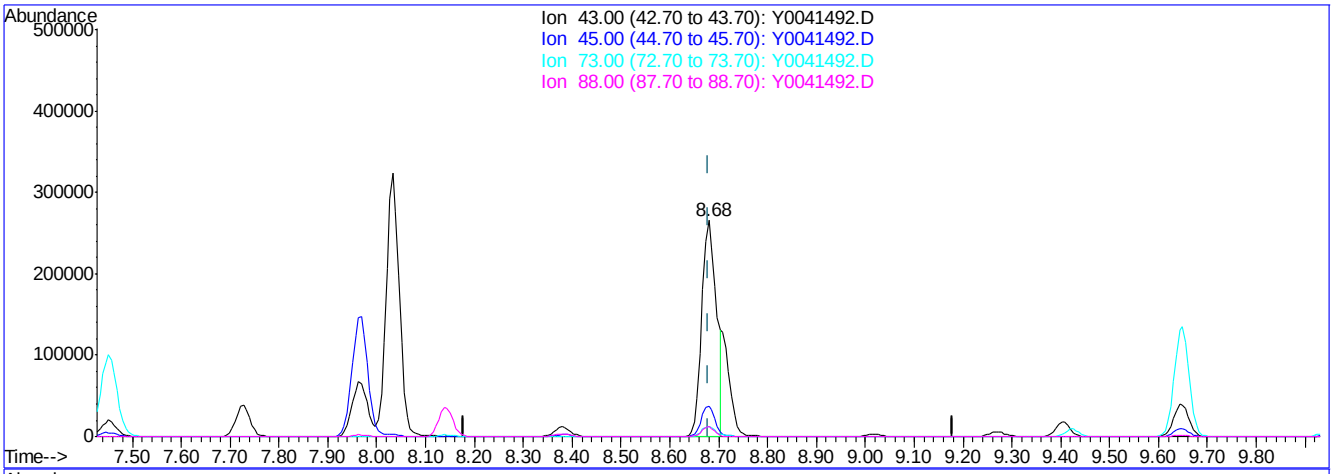
Ion	Exp%	Act%
43.00	100	100
45.00	13.90	14.17
73.00	3.30	4.52
88.00	2.90	4.46

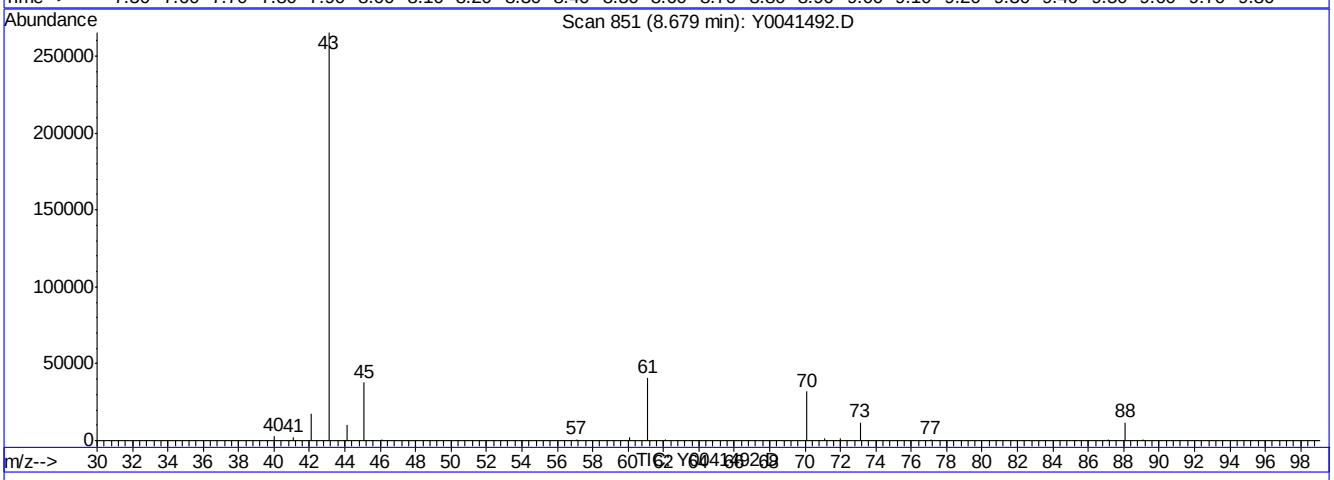
Y0041492.D VY2583AP9.M Wed Aug 18 09:56:40 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:56 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (0.000) 0.00ug/kg m

response 546495

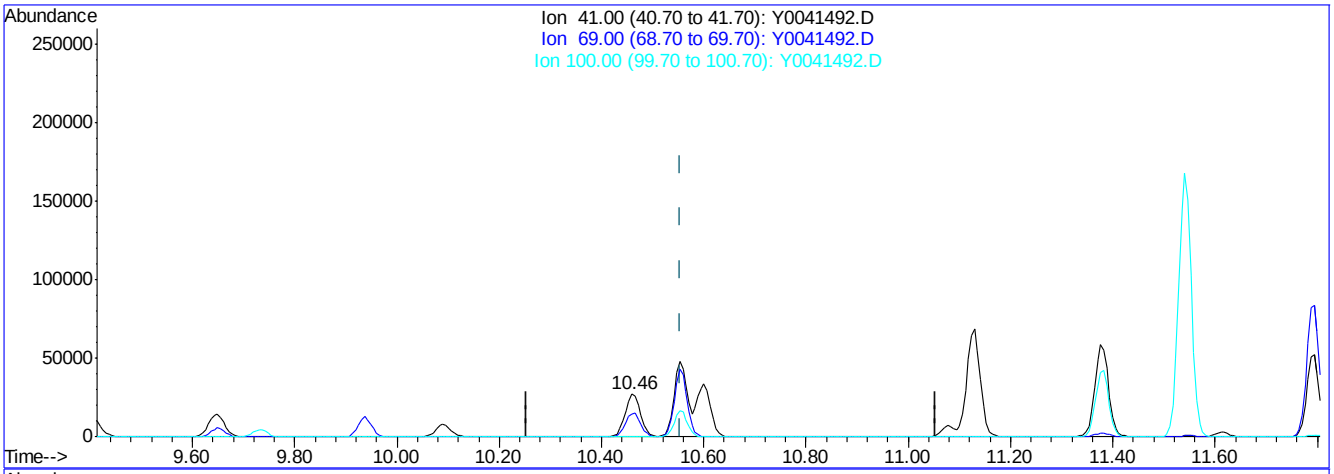
Ion	Exp%	Act%
43.00	100	100
45.00	13.90	14.17
73.00	3.30	4.52
88.00	2.90	4.46

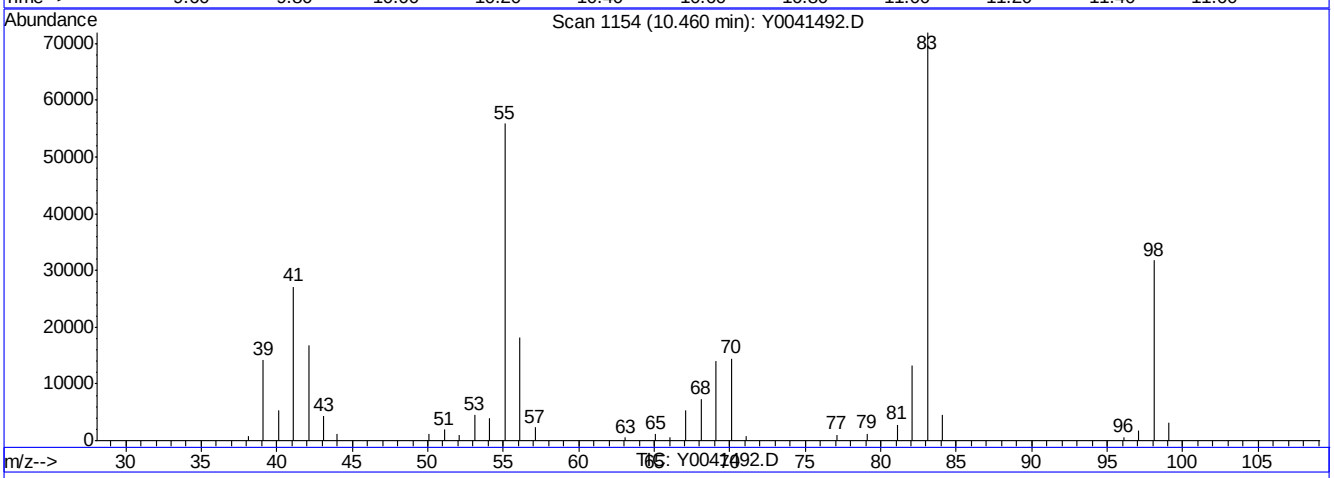
Y0041492.D VY2583AP9.M Wed Aug 18 09:56:58 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:56 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(54) Methyl Methacrylate

10.46min (-0.094) 0.00ug/kg

response 54687

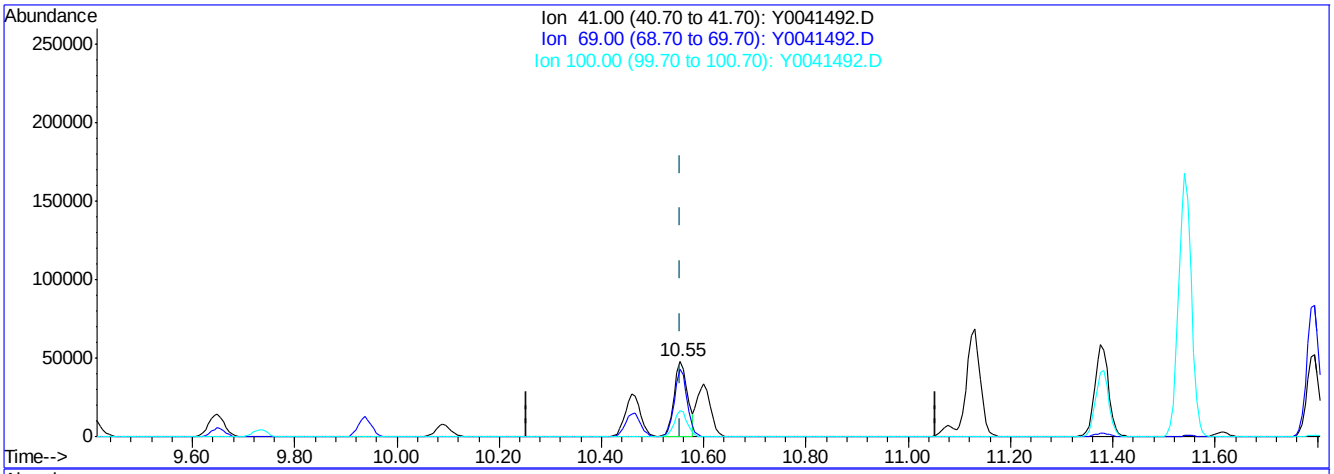
Ion	Exp%	Act%
41.00	100	100
69.00	58.60	51.64
100.00	18.20	0.00
0.00	0.00	0.00

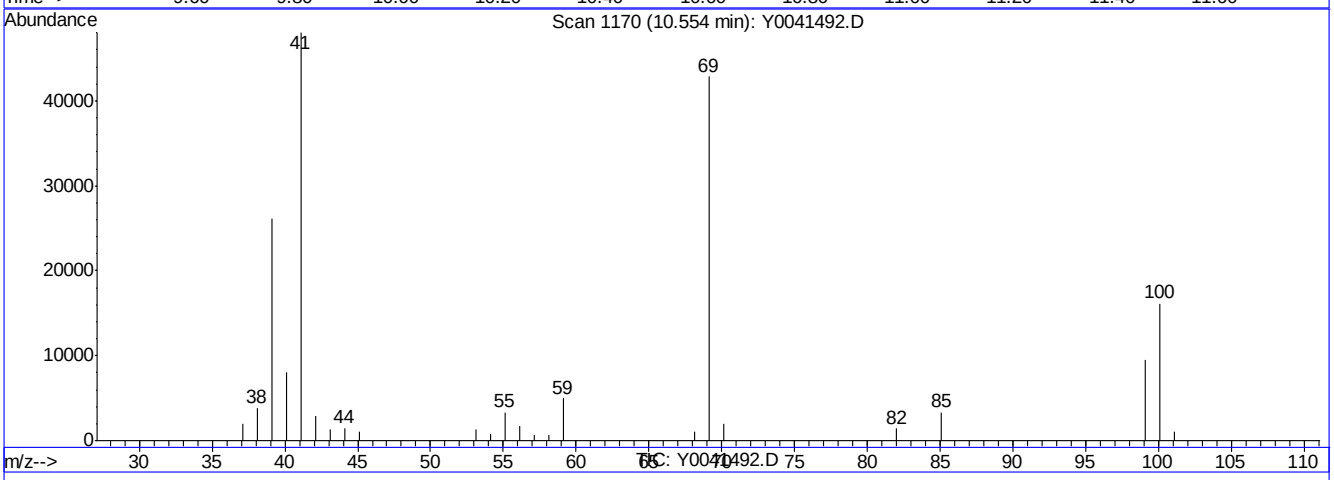
Y0041492.D VY2583AP9.M Wed Aug 18 09:57:39 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:57 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(54) Methyl Methacrylate

10.55min (-0.000) 0.00ug/kg m

response 86714

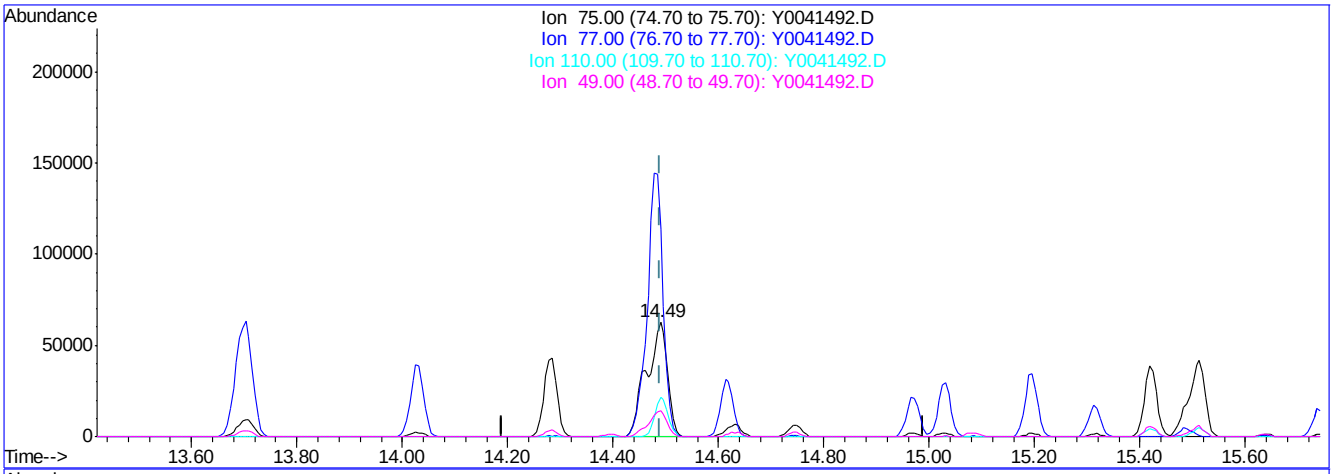
Ion	Exp%	Act%
41.00	100	100
69.00	58.60	89.23#
100.00	18.20	33.66
0.00	0.00	0.00

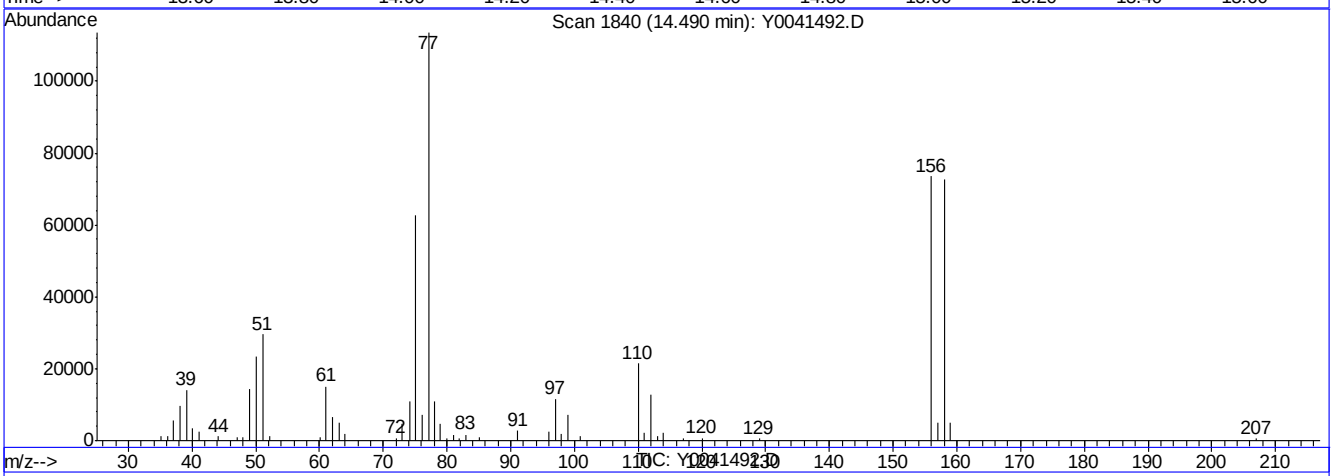
Y0041492.D VY2583AP9.M Wed Aug 18 09:57:49 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:57 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 0.00ug/kg

response 171154

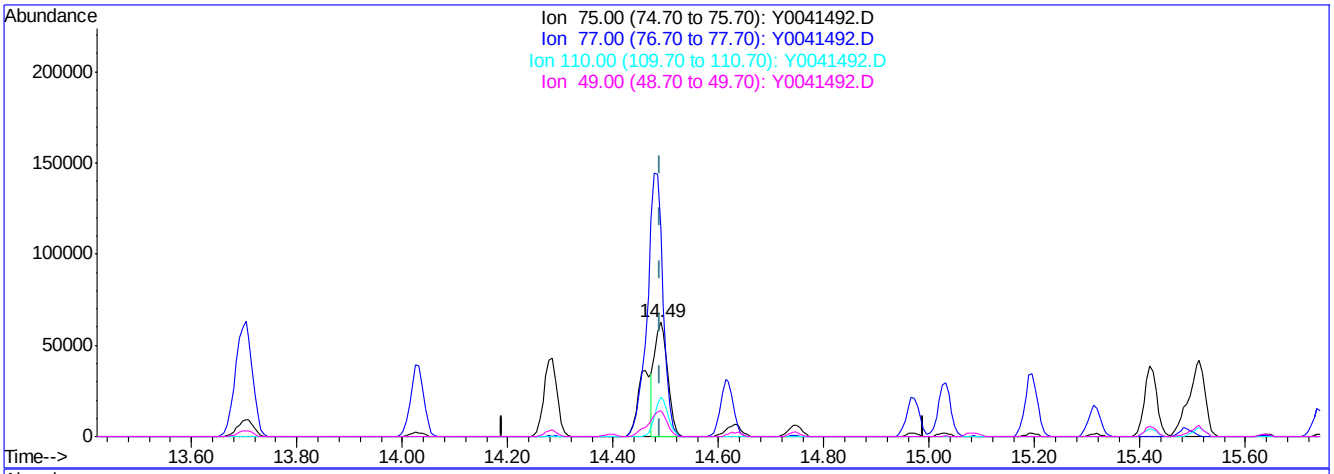
Ion	Exp%	Act%
75.00	100	100
77.00	188.10	180.79
110.00	28.10	34.18
49.00	31.60	22.86

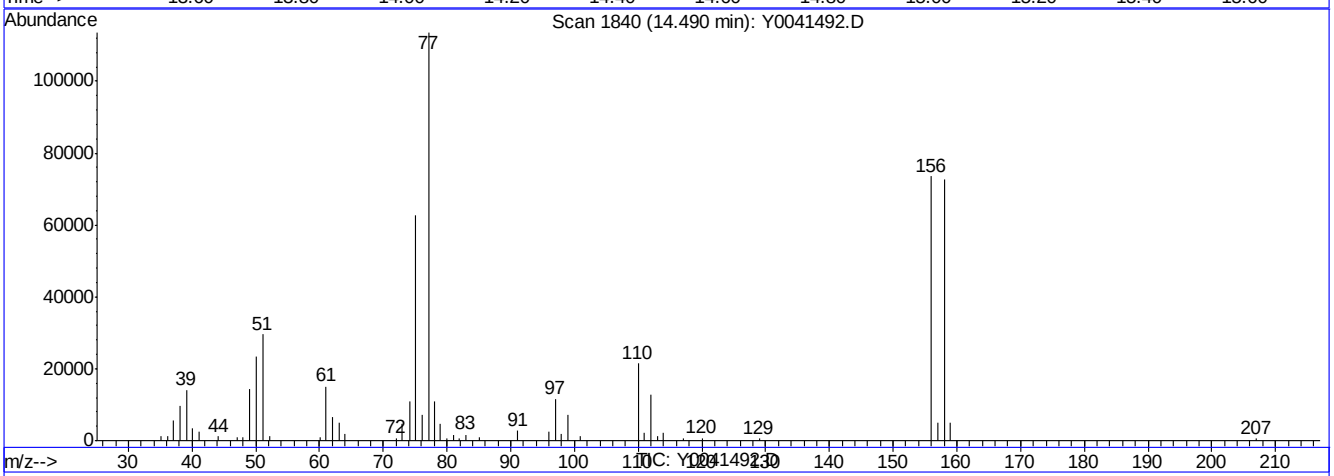
Y0041492.D VY2583AP9.M Wed Aug 18 09:58:28 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:55:55 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 0.00ug/kg m

response 105786

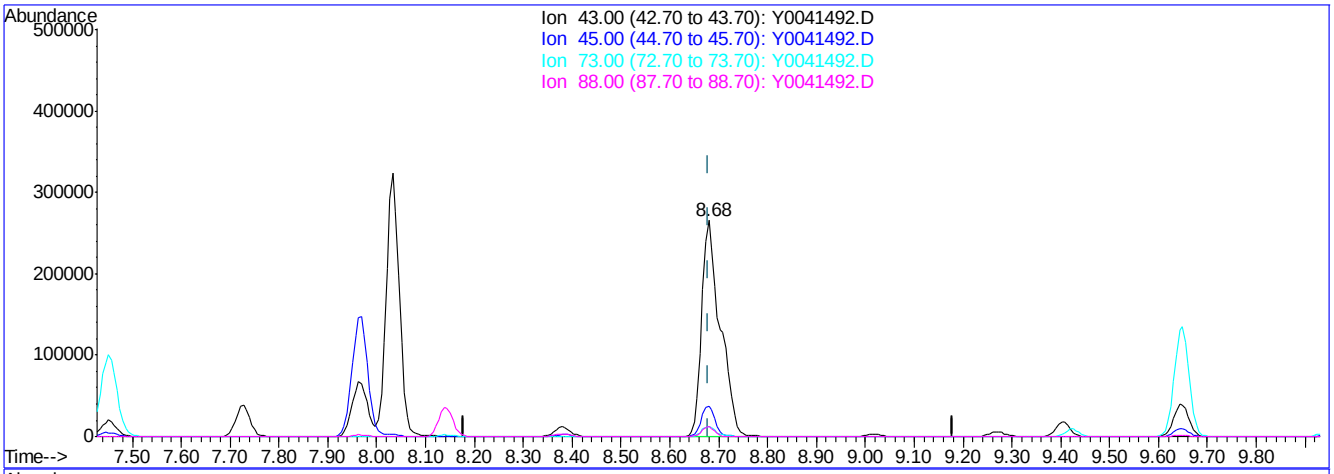
Ion	Exp%	Act%
75.00	100	100
77.00	188.10	180.79
110.00	28.10	34.18
49.00	31.60	22.86

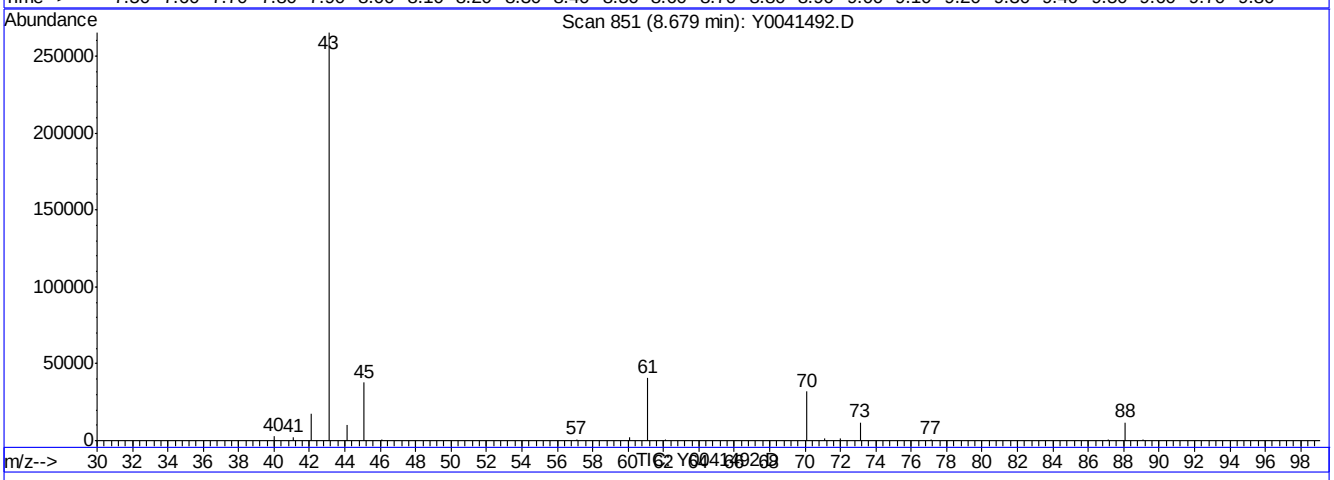
Y0041492.D VY2583AP9.M Wed Aug 18 09:58:40 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (0.000) 264.15ug/kg

response 695316

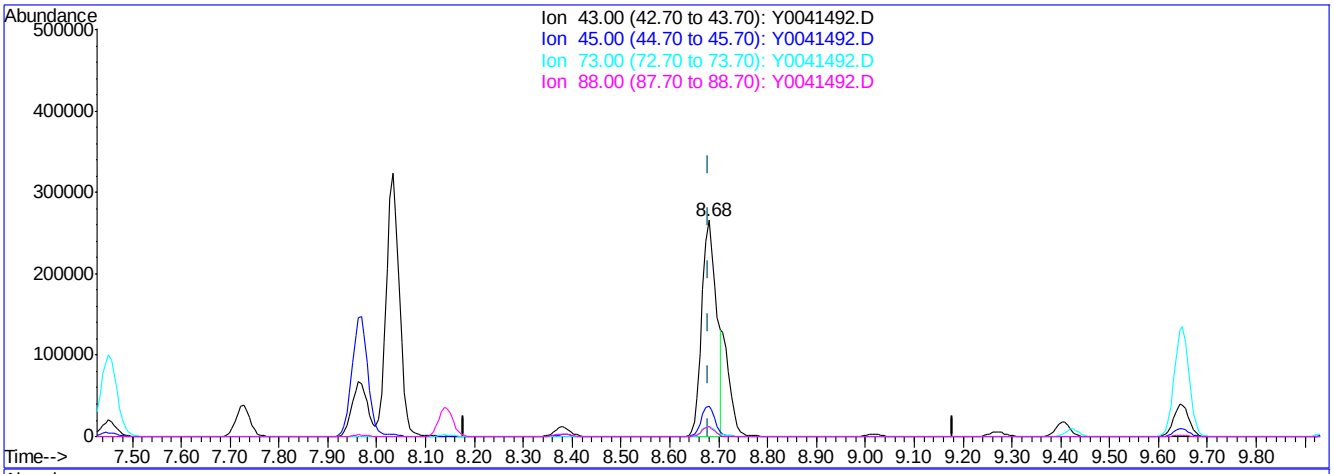
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.17
73.00	4.50	4.52
88.00	4.50	4.46

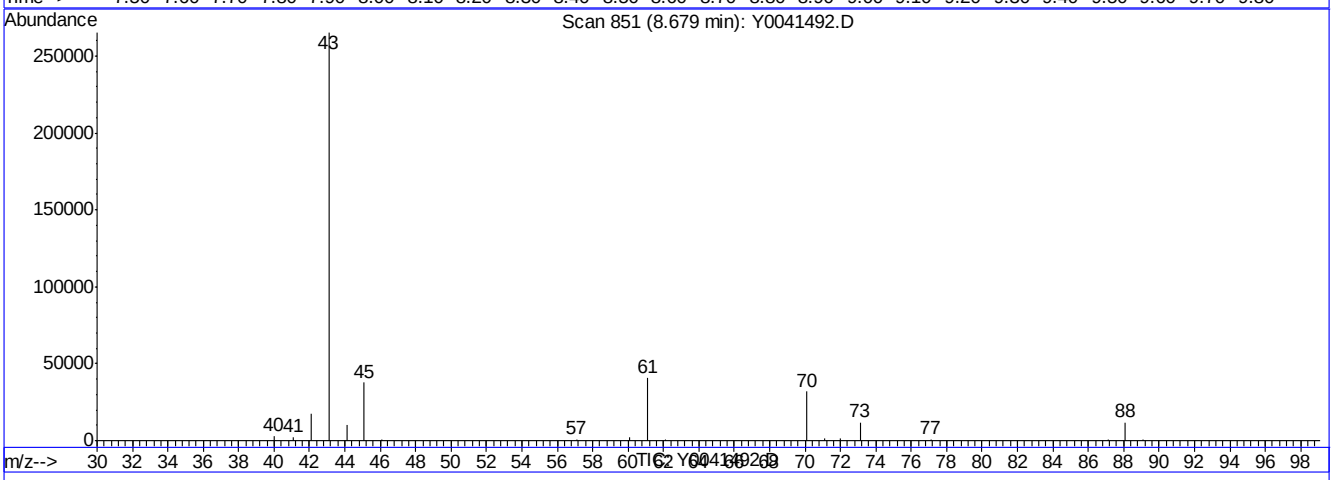
Y0041492.D VY2583AP9.M Wed Aug 18 10:31:44 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (0.000) 207.45ug/kg m

response 546078

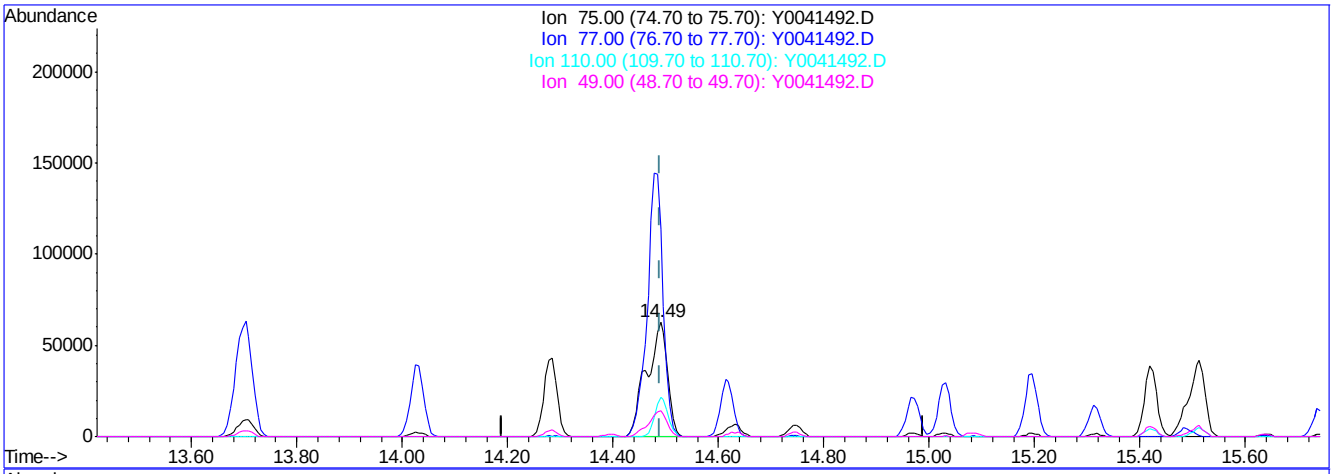
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.17
73.00	4.50	4.52
88.00	4.50	4.46

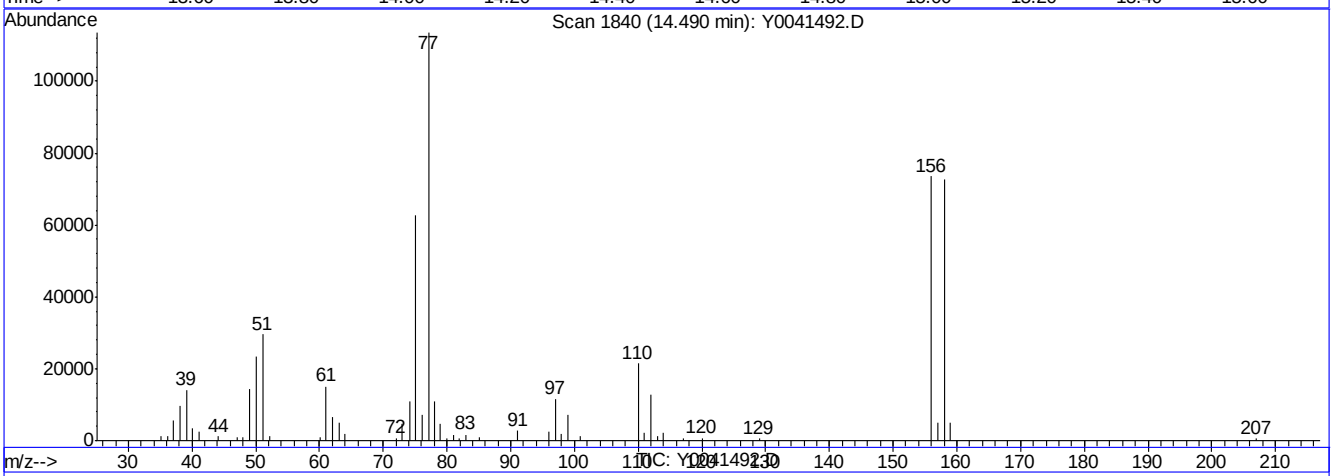
Y0041492.D VY2583AP9.M Wed Aug 18 10:31:53 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (0.000) 65.79ug/kg

response 171154

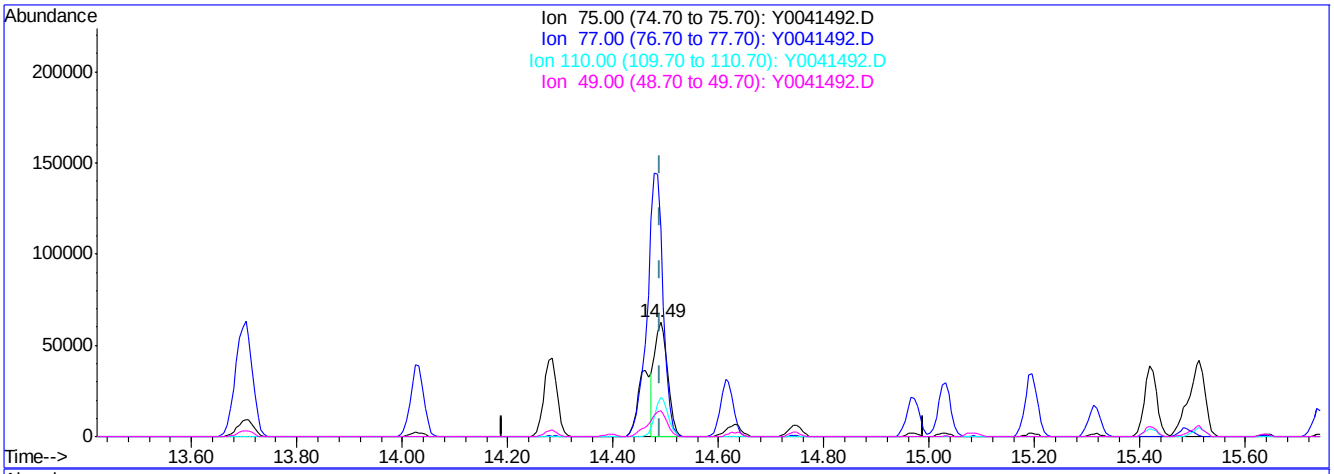
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	180.79
110.00	34.20	34.18
49.00	22.90	22.86

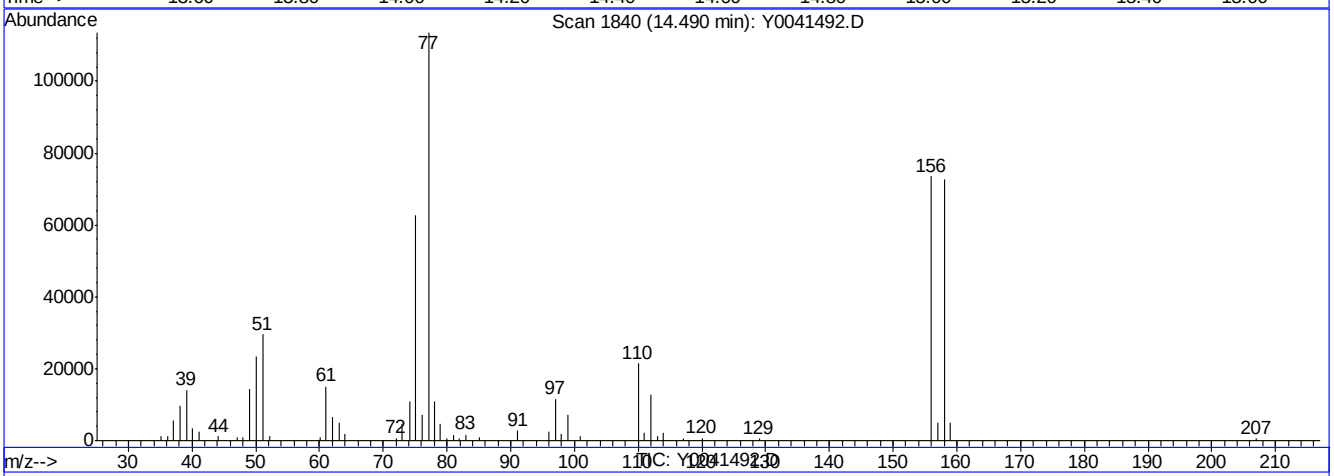
Y0041492.D VY2583AP9.M Wed Aug 18 10:31:58 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041492.D Vial: 8
Acq On : 18 Aug 2010 8:33 am Operator: fayzai
Sample : icc2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:32 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:31:27 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (0.000) 40.66ug/kg m

response 105786

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	180.79
110.00	34.20	34.18
49.00	22.90	22.86

Y0041492.D VY2583AP9.M Wed Aug 18 10:32:06 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 09:59:34 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	613016	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	501889	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	223527	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	223527	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.24	113	168213	73.73	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 147.46%#			
47) 1,2-Dichloroethane-d4	9.65	65	183354	73.09	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 146.18%#			
64) Toluene-d8	11.54	98	737219	73.17	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 146.34%#			
85) 4-Bromofluorobenzene	14.28	95	277819	70.86	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 141.72%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	96469	78.77	ug/kg	89
3) Chloromethane	4.34	50	125935	79.72	ug/kg	100
4) Vinyl Chloride	4.57	62	122341	79.16	ug/kg	97
5) Bromomethane	5.21	94	100346	78.85	ug/kg	98
6) Chloroethane	5.38	64	80747	80.17	ug/kg	100
7) Trichlorofluoromethane	5.75	101	149991	76.87	ug/kg	98
8) Ethyl Alcohol	6.15	45	99721	768.13	ug/kg	100
9) Ethyl ether	6.15	59	136229	78.23	ug/kg	98
10) Acrolein	6.46	56	33076	401.81	ug/kg	96
11) 1,1-Dichloroethene	6.55	96	108322	77.41	ug/kg	98
12) Freon 113	6.46	101	107263	77.17	ug/kg	99
13) Acetone	6.65	43	163602	382.88	ug/kg	98
14) Isopropyl Alcohol	6.73	45	80394	836.10	ug/kg#	100
15) Iodomethane	6.83	142	216164	77.36	ug/kg	99
16) Methyl acetate	7.02	43	658492	383.89	ug/kg	98
17) Carbon Disulfide	6.92	76	373473	77.14	ug/kg	98
18) Allyl Chloride	7.05	41	203163	79.80	ug/kg	100
19) Acetonitrile	7.12	41	61937	416.08	ug/kg	94
20) Methylene Chloride	7.25	84	153972	72.84	ug/kg	98
21) Tert Butyl Alcohol	7.24	59	154053	801.97	ug/kg	98
22) trans-1,2-Dichloroethene	7.53	96	150870	76.14	ug/kg	98
23) Acrylonitrile	7.60	53	214857	386.53	ug/kg	97
24) Hexane	7.73	57	218720	73.24	ug/kg	96
25) Methyl Tert Butyl Ether	7.45	73	439077	79.51	ug/kg	98
26) 1,1-Dichloroethane	8.08	63	285379	74.09	ug/kg	99
27) Vinyl acetate	8.03	43	1087584	393.67	ug/kg	99
28) Di-isopropyl ether	7.97	45	601216	77.51	ug/kg	98
29) Chloroprene	8.14	53	210169	78.44	ug/kg	98
30) Ethyl tert-butyl ether	8.38	59	522934	77.98	ug/kg	99
31) Ethyl Acetate	8.68	43	896165m	357.66	ug/kg	
32) 2,2-Dichloropropane	8.72	77	150529	73.18	ug/kg	98
33) cis-1,2-Dichloroethene	8.74	96	175807	75.74	ug/kg	98
34) 2-Butanone	8.71	72	103272	402.22	ug/kg#	86
35) Propionitrile	8.88	54	94680	420.65	ug/kg	95

(#) = qualifier out of range (m) = manual integration
Y0041493.D VY2583AP9.M Wed Aug 18 11:23:21 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 09:59:34 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Bromochloromethane	9.02	128	95040	74.40 ug/kg	91
37)	Methacrylonitrile	9.01	41	477610	400.51 ug/kg	98
38)	Chloroform	9.05	83	298857	74.57 ug/kg	99
39)	Tetrahydrofuran	9.27	42	47619	73.21 ug/kg	94
40)	1,1,1-Trichloroethane	9.26	97	202595	75.45 ug/kg	98
42)	Cyclohexane	9.27	56	215390	75.78 ug/kg	98
43)	Isobutyl Alcohol	9.40	43	71015	862.13 ug/kg	97
44)	1,1-Dichloropropene	9.43	75	222012	71.87 ug/kg	98
45)	n-Butyl Alcohol	10.09	56	45224	925.87 ug/kg	87
46)	Carbon Tetrachloride	9.41	117	187288	74.56 ug/kg	99
48)	Benzene	9.66	78	760587	72.62 ug/kg	99
49)	1,2-Dichloroethane	9.73	62	227393	74.30 ug/kg	98
50)	tert-amyl methyl ether	9.65	73	514364	78.44 ug/kg	100
51)	Trichloroethene	10.31	95	185502	71.09 ug/kg	94
52)	1-Bromo-2-Chloroethane	11.08	63	593694	76.93 ug/kg	100
53)	Methylcyclohexane	10.46	83	244882	74.95 ug/kg	98
54)	Methyl Methacrylate	10.55	41	163398	82.20 ug/kg	97
55)	1,2-Dichloropropane	10.60	63	219227	72.45 ug/kg	99
56)	Dibromomethane	10.74	93	119366	72.67 ug/kg	97
57)	1,4-Dioxane	10.67	88	38359	1699.11 ug/kg	98
58)	Bromodichloromethane	10.85	83	271775	73.13 ug/kg	98
59)	2-Nitropropane	11.13	41	215884	375.62 ug/kg	96
60)	2-Chloroethyl vinyl ether	11.08	63	593694	384.65 ug/kg	99
61)	4-Methyl-2-pentanone	11.38	100	144945	415.11 ug/kg	99
62)	cis-1,3-Dichloropropene	11.29	75	361365	72.50 ug/kg	98
65)	Toluene	11.61	92	549643	73.71 ug/kg	98
66)	Ethyl Methacrylate	11.79	69	284440	85.02 ug/kg	98
67)	trans-1,3-Dichloropropene	11.86	75	309591	73.56 ug/kg	99
68)	1,1,2-Trichloroethane	12.07	83	169330	74.22 ug/kg	97
69)	Tetrachloroethene	12.17	164	186261	73.52 ug/kg	96
70)	2-hexanone	12.22	43	630253	412.26 ug/kg	98
71)	1,3-Dichloropropane	12.26	76	337813	74.45 ug/kg	99
72)	Dibromochloromethane	12.49	129	234520	73.84 ug/kg	98
73)	1,2-Dibromoethane	12.67	107	203738	75.60 ug/kg	98
74)	1-Chlorohexane	12.96	91	296396	75.43 ug/kg	99
75)	Chlorobenzene	13.12	112	627316	72.68 ug/kg	98
76)	1,1,1,2-Tetrachloroethane	13.17	131	210403	75.23 ug/kg	98
77)	Ethylbenzene	13.14	91	1045477	73.56 ug/kg	98
78)	m,p-Xylene	13.25	106	820235	147.55 ug/kg	98
79)	o-Xylene	13.69	106	388712	75.00 ug/kg	99
80)	Styrene	13.71	104	715451	75.42 ug/kg	99
81)	Bromoform	14.00	173	161005	75.92 ug/kg	95
83)	Isopropylbenzene	14.03	105	793853	71.10 ug/kg	99
84)	Cyclohexanone	14.27	55	25421	396.92 ug/kg	90
86)	Bromobenzene	14.48	156	282422	71.21 ug/kg	99
87)	1,1,2,2-Tetrachloroethane	14.40	83	228230	71.96 ug/kg	97
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	67346	74.74 ug/kg#	98
89)	1,2,3-Trichloropropane	14.49	75	185700m	73.13 ug/kg	
90)	n-Propylbenzene	14.45	91	1091917	70.73 ug/kg	100

(#) = qualifier out of range (m) = manual integration
Y0041493.D VY2583AP9.M Wed Aug 18 11:23:21 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 09:59:34 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

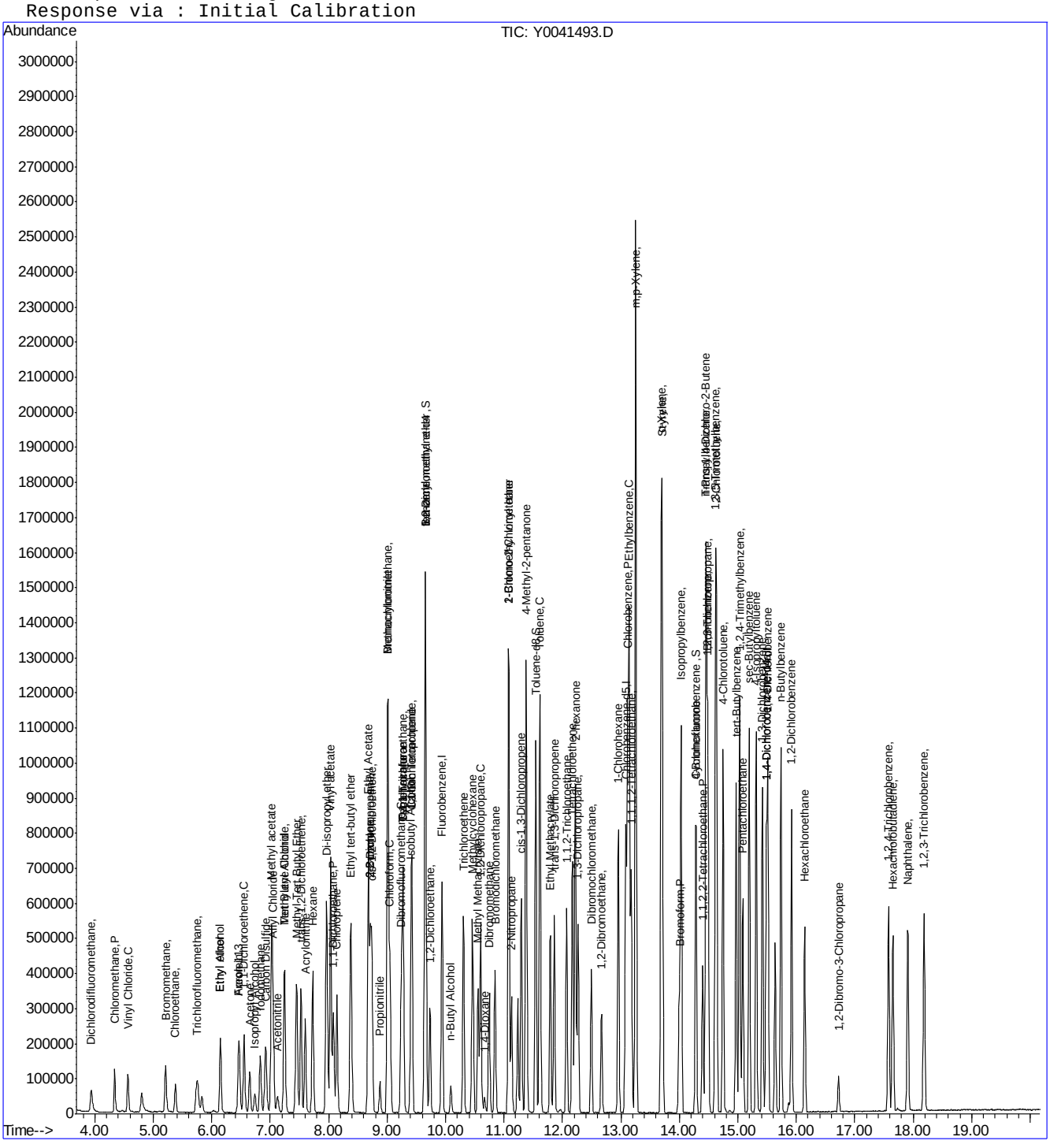
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	727444	69.66	ug/kg	99
92)	4-Chlorotoluene	14.74	91	658721	70.62	ug/kg	100
93)	1,3,5-Trimethylbenzene	14.61	105	708850	70.24	ug/kg	99
94)	Pentachloroethane	15.08	167	137785	73.82	ug/kg	95
95)	sec-Butylbenzene	15.20	105	841566	71.11	ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	443270	71.47	ug/kg	99
97)	4-Isopropyltoluene	15.31	119	677639	71.75	ug/kg	98
98)	1,4-Dichlorobenzene	15.51	146	451509	71.81	ug/kg	100
99)	tert-Butylbenzene	14.97	91	332763	70.26	ug/kg	98
100)	n-Butylbenzene	15.74	91	618935	71.92	ug/kg	100
101)	1,2-Dichlorobenzene	15.92	146	394036	71.29	ug/kg	100
102)	1,2,4-Trimethylbenzene	15.03	105	712109	70.53	ug/kg	99
103)	Hexachloroethane	16.14	119	114693	76.51	ug/kg	98
104)	1,2-Dibromo-3-Chloropropan	16.72	75	28279	78.10	ug/kg	93
105)	1,2,4-Trichlorobenzene	17.57	180	232873	77.47	ug/kg	99
106)	Hexachlorobutadiene	17.65	225	126282	75.73	ug/kg	97
107)	Naphthalene	17.90	128	503511	81.81	ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	229343	78.41	ug/kg	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01 2010 Quant Results File: VY2583AP9.RES

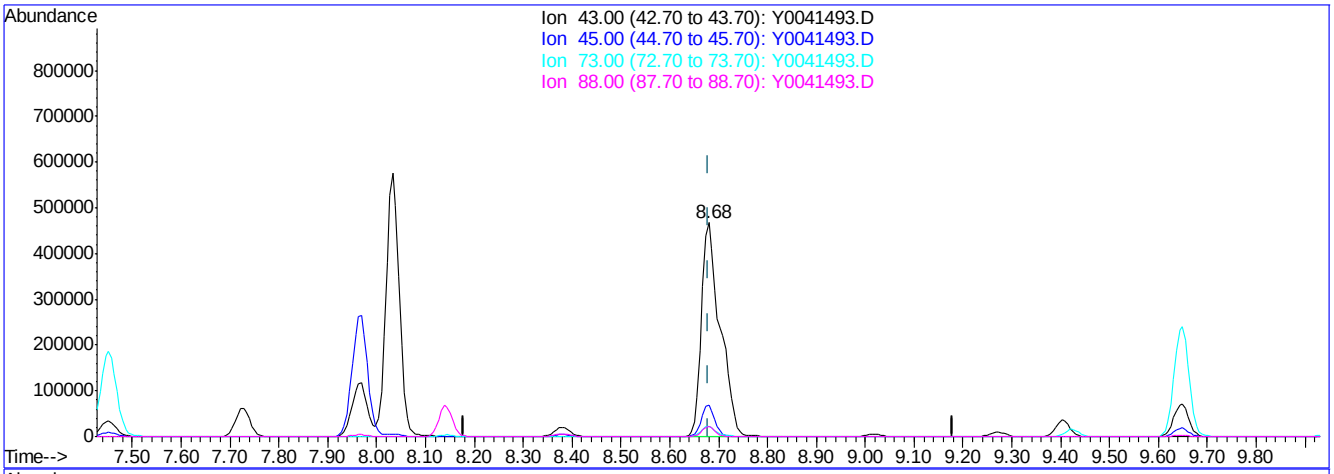
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

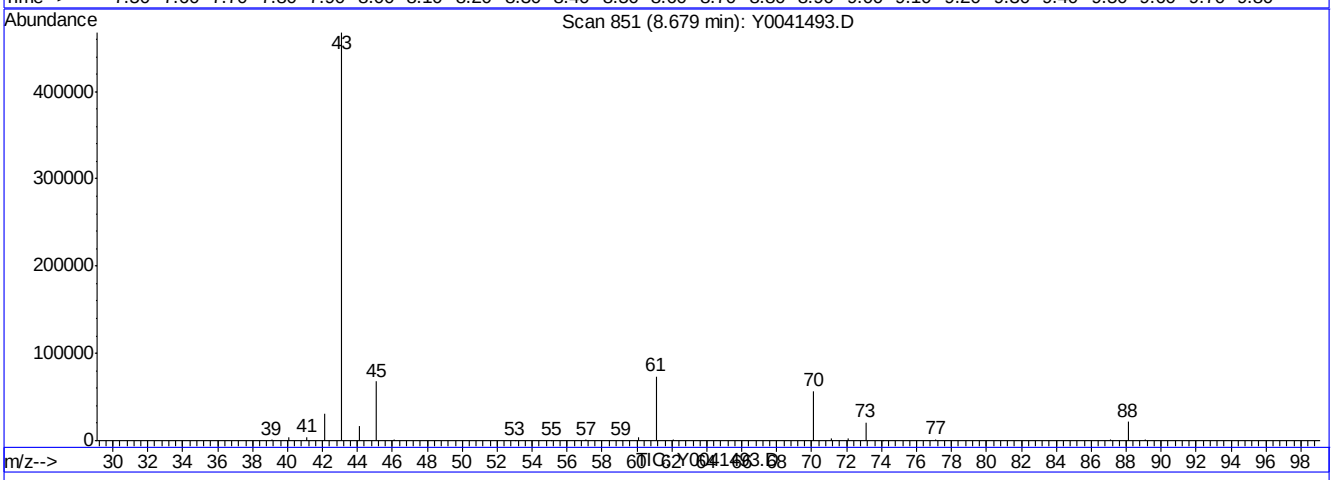


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 9:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 493.04ug/kg

response 1235358

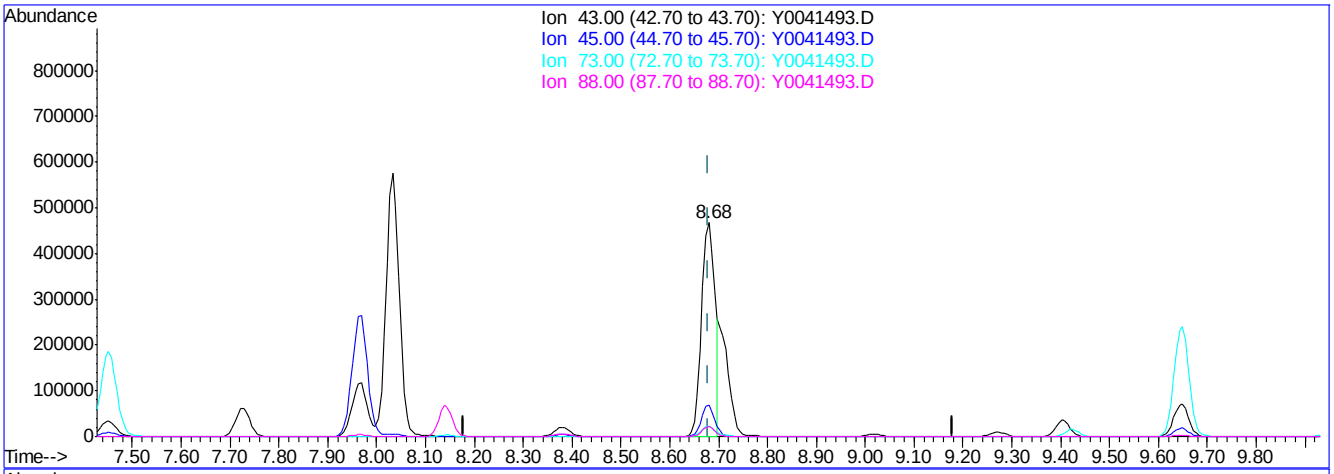
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.54
73.00	4.50	4.53
88.00	4.50	4.57

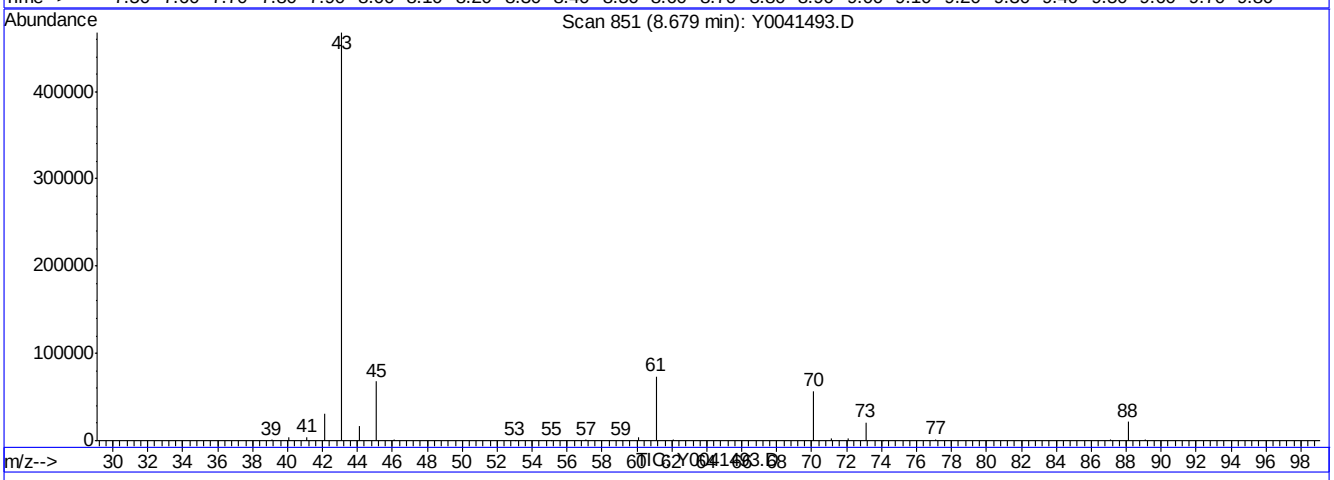
Y0041493.D VY2583AP9.M Wed Aug 18 09:59:58 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:00 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (+0.000) 357.66ug/kg m

response 896165

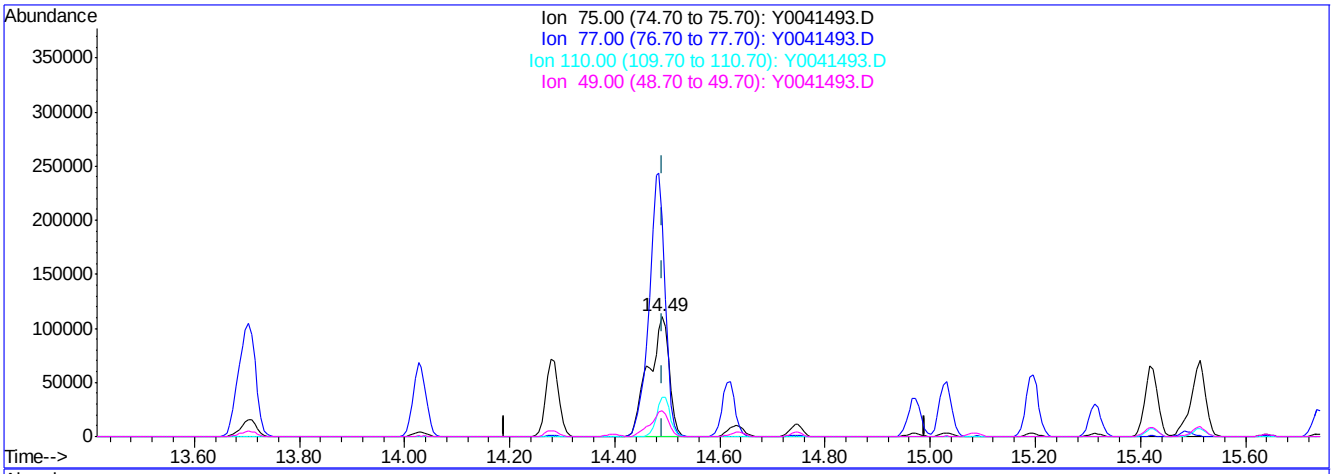
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.54
73.00	4.50	4.53
88.00	4.50	4.57

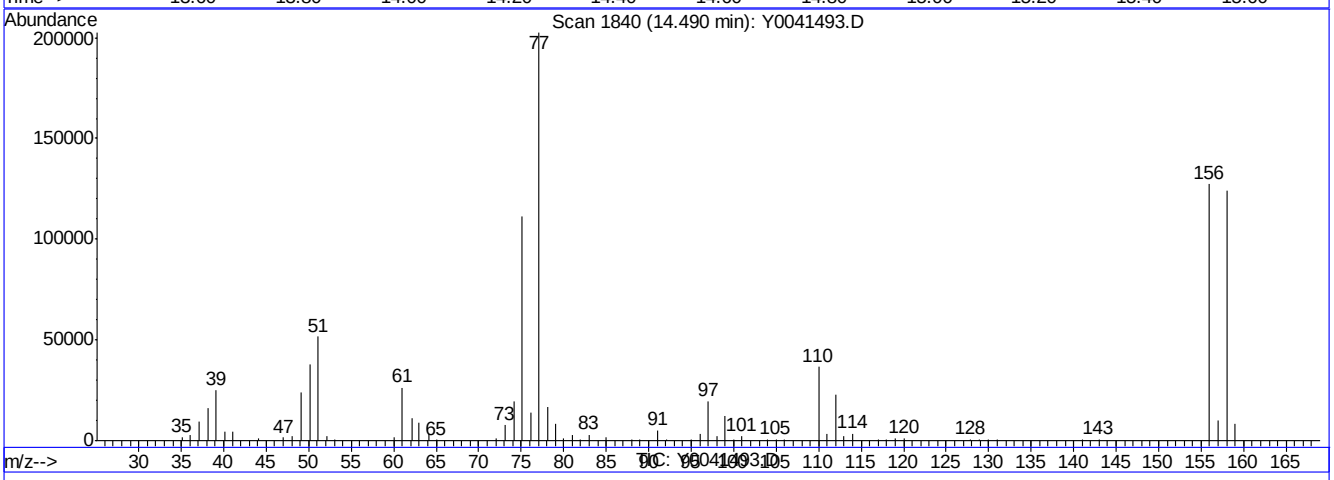
Y0041493.D VY2583AP9.M Wed Aug 18 10:00:18 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:00 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 119.01ug/kg

response 302225

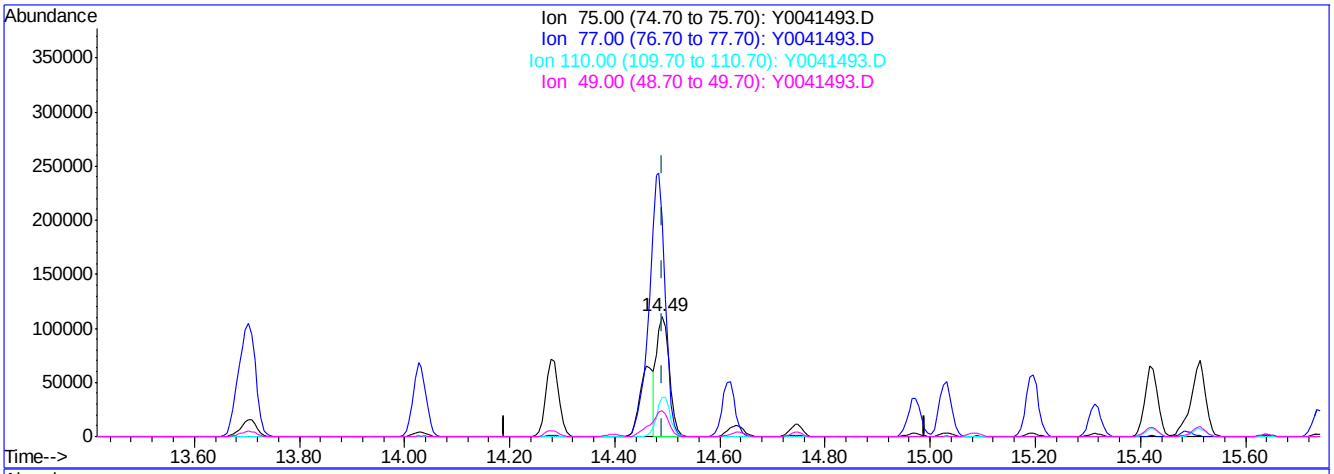
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	182.15
110.00	34.20	33.00
49.00	22.90	21.45

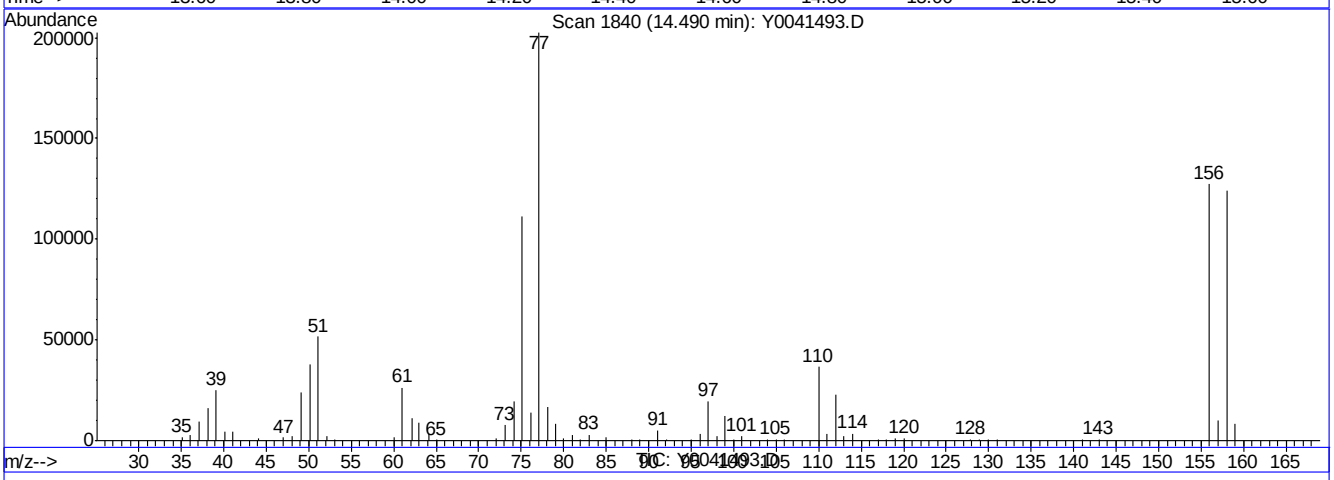
Y0041493.D VY2583AP9.M Wed Aug 18 10:01:02 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041493.D Vial: 9
Acq On : 18 Aug 2010 9:03 am Operator: fayzai
Sample : ic2583-70 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:01 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 09:59:27 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (+0.000) 73.13ug/kg m

response 185700

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	182.15
110.00	34.20	33.00
49.00	22.90	21.45

Y0041493.D VY2583AP9.M Wed Aug 18 10:01:10 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:04:45 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	677181	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	554767	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.49	152	240368	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.49	152	240368	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.24	113	274593	104.27	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 208.54%#			
47) 1,2-Dichloroethane-d4	9.65	65	296846	102.51	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 205.02%#			
64) Toluene-d8	11.54	98	1201349	103.39	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 206.78%#			
85) 4-Bromofluorobenzene	14.28	95	443719	101.22	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 202.44%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	147965	105.58	ug/kg	87
3) Chloromethane	4.34	50	187537	102.74	ug/kg	98
4) Vinyl Chloride	4.57	62	182364	102.81	ug/kg	98
5) Bromomethane	5.21	94	150478	102.00	ug/kg	99
6) Chloroethane	5.38	64	122083	105.34	ug/kg	99
7) Trichlorofluoromethane	5.75	101	234379	104.98	ug/kg	96
8) Ethyl Alcohol	6.15	45	154292	1071.49	ug/kg	96
9) Ethyl ether	6.15	59	209312	108.05	ug/kg	97
10) Acrolein	6.46	56	46010	511.62	ug/kg	99
11) 1,1-Dichloroethene	6.55	96	162166	106.48	ug/kg	98
12) Freon 113	6.46	101	158714	104.51	ug/kg	97
13) Acetone	6.65	43	226213	473.59	ug/kg	98
14) Isopropyl Alcohol	6.74	45	110852	931.35	ug/kg#	100
15) Iodomethane	6.83	142	320663	106.56	ug/kg	99
16) Methyl acetate	7.02	43	955204	503.22	ug/kg	97
17) Carbon Disulfide	6.92	76	552416	105.45	ug/kg	100
18) Allyl Chloride	7.05	41	306472	102.73	ug/kg	97
19) Acetonitrile	7.13	41	81509	459.84	ug/kg	91
20) Methylene Chloride	7.25	84	225013	96.15	ug/kg	99
21) Tert Butyl Alcohol	7.25	59	217483	1001.45	ug/kg	98
22) trans-1,2-Dichloroethene	7.53	96	238329	109.34	ug/kg	96
23) Acrylonitrile	7.60	53	311161	508.21	ug/kg	97
24) Hexane	7.73	57	354734	109.32	ug/kg	94
25) Methyl Tert Butyl Ether	7.45	73	645762	105.61	ug/kg	98
26) 1,1-Dichloroethane	8.08	63	445841	106.08	ug/kg	100
27) Vinyl acetate	8.03	43	1648705	543.71	ug/kg	99
28) Di-isopropyl ether	7.96	45	917929	107.25	ug/kg	100
29) Chloroprene	8.14	53	328220	102.94	ug/kg	100
30) Ethyl tert-butyl ether	8.38	59	781130	106.16	ug/kg	99
31) Ethyl Acetate	8.68	43	1288810m	476.16	ug/kg	
32) 2,2-Dichloropropane	8.72	77	225096	101.28	ug/kg	98
33) cis-1,2-Dichloroethene	8.74	96	278494	109.19	ug/kg	99
34) 2-Butanone	8.71	72	149386	516.85	ug/kg	91
35) Propionitrile	8.88	54	131138	473.13	ug/kg	96

(#) = qualifier out of range (m) = manual integration
Y0041494.D VY2583AP9.M Wed Aug 18 11:23:23 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:04:45 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Bromochloromethane	9.02	128	150389	108.43 ug/kg	95
37)	Methacrylonitrile	9.01	41	678408	472.56 ug/kg	98
38)	Chloroform	9.05	83	468472	106.44 ug/kg	99
39)	Tetrahydrofuran	9.27	42	73217	104.84 ug/kg	99
40)	1,1,1-Trichloroethane	9.26	97	314511	106.60 ug/kg	98
42)	Cyclohexane	9.27	56	334306	107.38 ug/kg	98
43)	Isobutyl Alcohol	9.41	43	99885	985.00 ug/kg	93
44)	1,1-Dichloropropene	9.43	75	363038	109.40 ug/kg	98
45)	n-Butyl Alcohol	10.09	56	66569	1069.59 ug/kg	86
46)	Carbon Tetrachloride	9.41	117	294417	106.93 ug/kg	99
48)	Benzene	9.66	78	1205785	106.29 ug/kg	99
49)	1,2-Dichloroethane	9.73	62	351257	105.02 ug/kg	99
50)	tert-amyl methyl ether	9.65	73	768658	106.06 ug/kg	99
51)	Trichloroethene	10.31	95	300159	107.20 ug/kg	95
52)	1-Bromo-2-Chloroethane	11.08	63	911191	107.07 ug/kg	98
53)	Methylcyclohexane	10.46	83	389324	109.10 ug/kg	99
54)	Methyl Methacrylate	10.55	41	254584	103.03 ug/kg	99
55)	1,2-Dichloropropane	10.60	63	345953	105.74 ug/kg	98
56)	Dibromomethane	10.74	93	183193	103.69 ug/kg	98
57)	1,4-Dioxane	10.67	88	55567	2119.28 ug/kg	94
58)	Bromodichloromethane	10.85	83	430375	106.19 ug/kg	97
59)	2-Nitropropane	11.13	41	313513	499.77 ug/kg	95
60)	2-Chloroethyl vinyl ether	11.08	63	911191	535.37 ug/kg	98
61)	4-Methyl-2-pentanone	11.38	100	208888	522.59 ug/kg	96
62)	cis-1,3-Dichloropropene	11.29	75	577292	107.85 ug/kg	97
65)	Toluene	11.61	92	869252	107.06 ug/kg	98
66)	Ethyl Methacrylate	11.79	69	418918	102.36 ug/kg	98
67)	trans-1,3-Dichloropropene	11.86	75	484769	107.23 ug/kg	99
68)	1,1,2-Trichloroethane	12.07	83	259740	104.07 ug/kg	97
69)	Tetrachloroethene	12.17	164	297479	107.27 ug/kg	97
70)	2-hexanone	12.22	43	906246	520.25 ug/kg	99
71)	1,3-Dichloropropane	12.26	76	514679	103.29 ug/kg	99
72)	Dibromochloromethane	12.49	129	360299	104.47 ug/kg	99
73)	1,2-Dibromoethane	12.67	107	304544	102.98 ug/kg	96
74)	1-Chlorohexane	12.96	91	475420	110.35 ug/kg	97
75)	Chlorobenzene	13.12	112	977782	103.38 ug/kg	98
76)	1,1,1,2-Tetrachloroethane	13.17	131	328282	106.37 ug/kg	97
77)	Ethylbenzene	13.14	91	1640820	105.71 ug/kg	99
78)	m,p-Xylene	13.25	106	1289498	212.72 ug/kg	99
79)	o-Xylene	13.69	106	606768	106.80 ug/kg	100
80)	Styrene	13.71	104	1107129	106.58 ug/kg	99
81)	Bromoform	14.00	173	238711	102.27 ug/kg	97
83)	Isopropylbenzene	14.03	105	1245461	107.56 ug/kg	100
84)	Cyclohexanone	14.27	55	36722	530.86 ug/kg	88
86)	Bromobenzene	14.48	156	434618	104.93 ug/kg	99
87)	1,1,2,2-Tetrachloroethane	14.40	83	340633	102.32 ug/kg	97
88)	Trans-1,4-Dichloro-2-Buten	14.45	53	97517	100.41 ug/kg#	99
89)	1,2,3-Trichloropropane	14.49	75	270140	100.39 ug/kg	99
90)	n-Propylbenzene	14.45	91	1697942	105.72 ug/kg	99

(#) = qualifier out of range (m) = manual integration
Y0041494.D VY2583AP9.M Wed Aug 18 11:23:23 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04:51 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:04:45 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

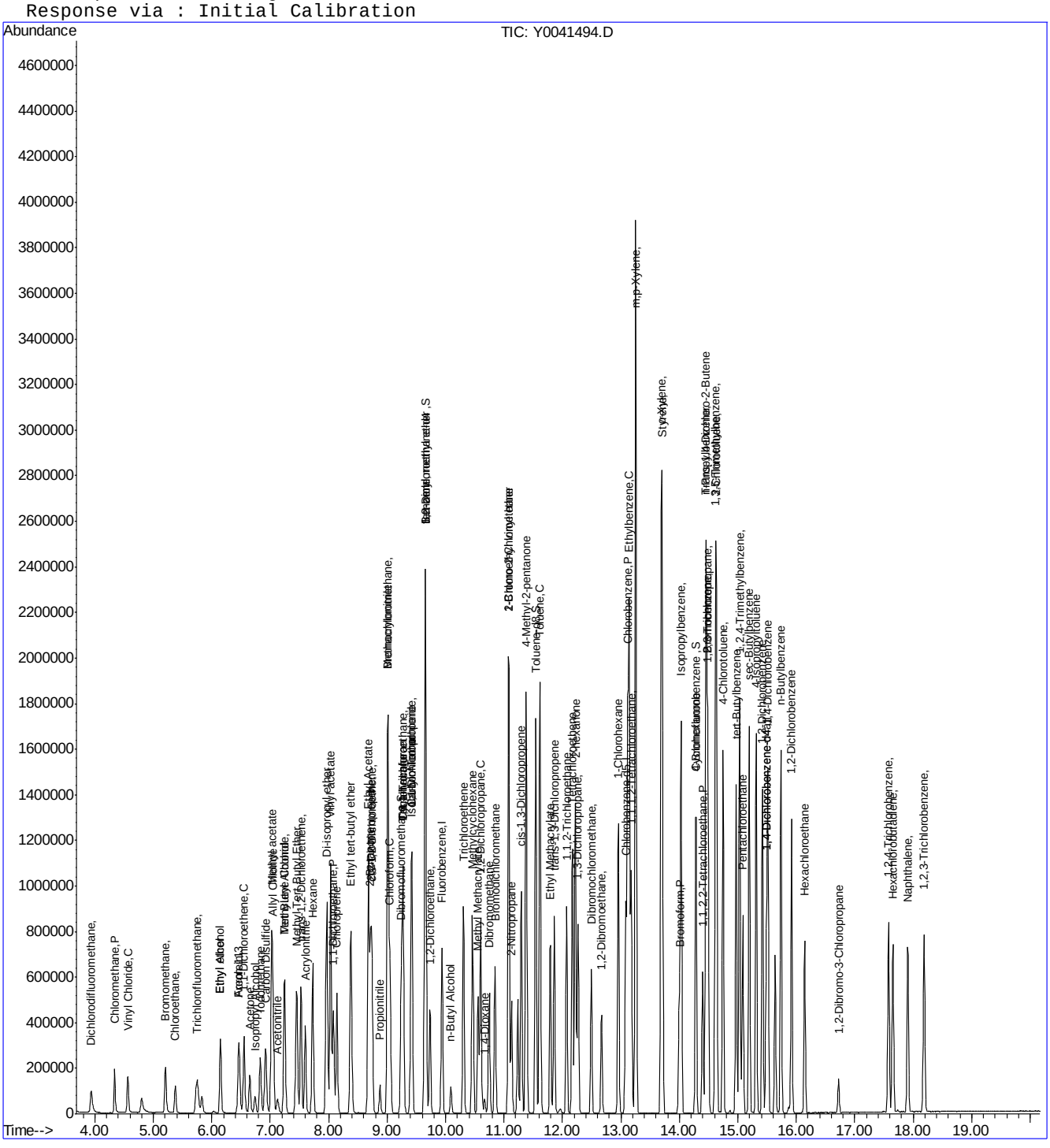
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	1129687	104.47 ug/kg	100
92)	4-Chlorotoluene	14.75	91	1014214	104.34 ug/kg	99
93)	1,3,5-Trimethylbenzene	14.61	105	1093892	105.01 ug/kg	99
94)	Pentachloroethane	15.08	167	199428	94.81 ug/kg	100
95)	sec-Butylbenzene	15.20	105	1307655	105.33 ug/kg	99
96)	1,3-Dichlorobenzene	15.42	146	674340	103.61 ug/kg	99
97)	4-Isopropyltoluene	15.31	119	1044828	105.66 ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	671615	101.14 ug/kg	99
99)	tert-Butylbenzene	14.97	91	510973	103.93 ug/kg	98
100)	n-Butylbenzene	15.74	91	944402	104.29 ug/kg	99
101)	1,2-Dichlorobenzene	15.92	146	596643	103.29 ug/kg	99
102)	1,2,4-Trimethylbenzene	15.03	105	1084881	103.41 ug/kg	99
103)	Hexachloroethane	16.14	119	164641	95.77 ug/kg	97
104)	1,2-Dibromo-3-Chloropropan	16.72	75	38137	98.38 ug/kg	98
105)	1,2,4-Trichlorobenzene	17.57	180	332803	105.15 ug/kg	98
106)	Hexachlorobutadiene	17.65	225	185791	104.86 ug/kg	99
107)	Naphthalene	17.90	128	697708	106.65 ug/kg	98
108)	1,2,3-Trichlorobenzene	18.19	180	316755	103.40 ug/kg	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
Y0041494.D VY2583AP9.M Wed Aug 18 11:23:24 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:06 2010 Quant Results File: VY2583AP9.RES

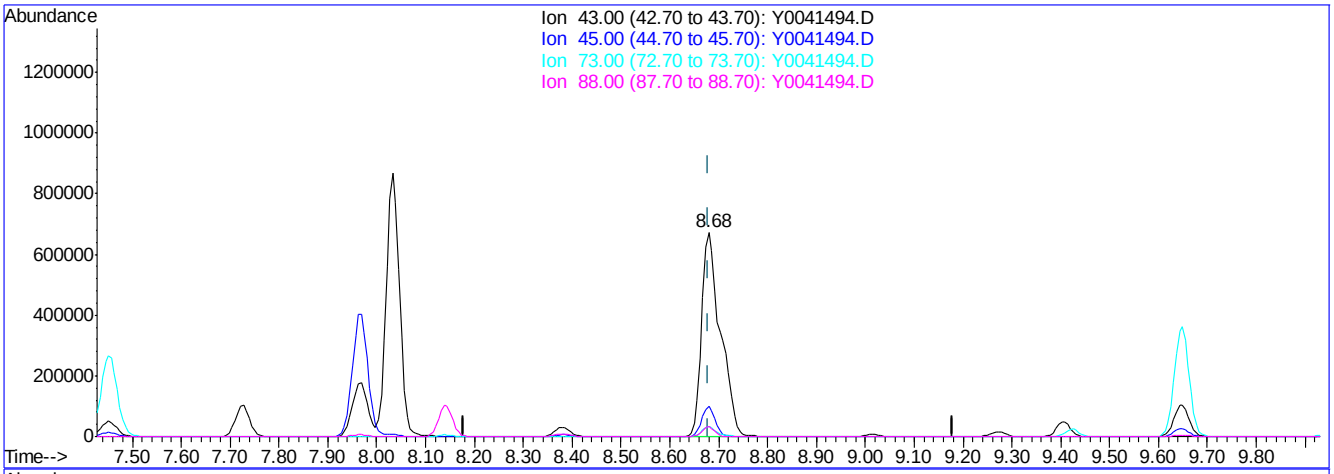
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

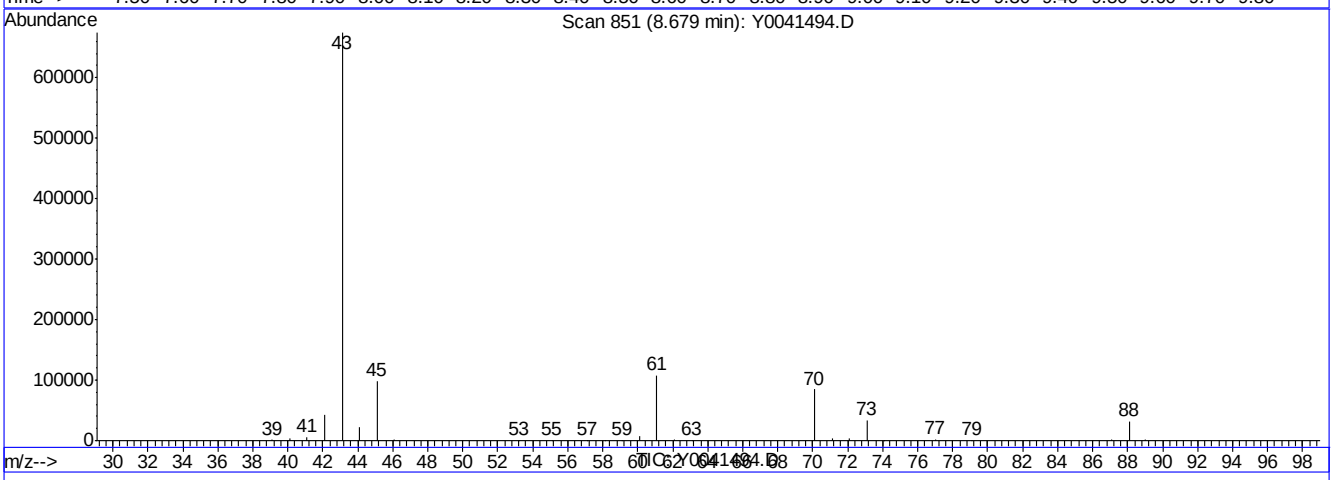


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:04 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:04:45 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 661.80ug/kg

response 1791285

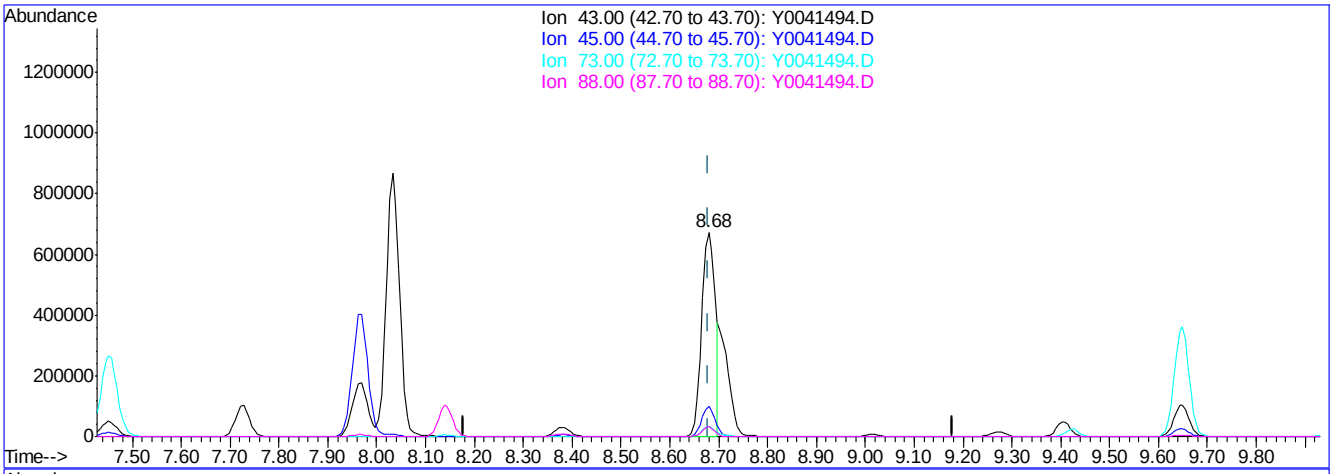
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.66
73.00	4.50	4.95
88.00	4.50	4.70

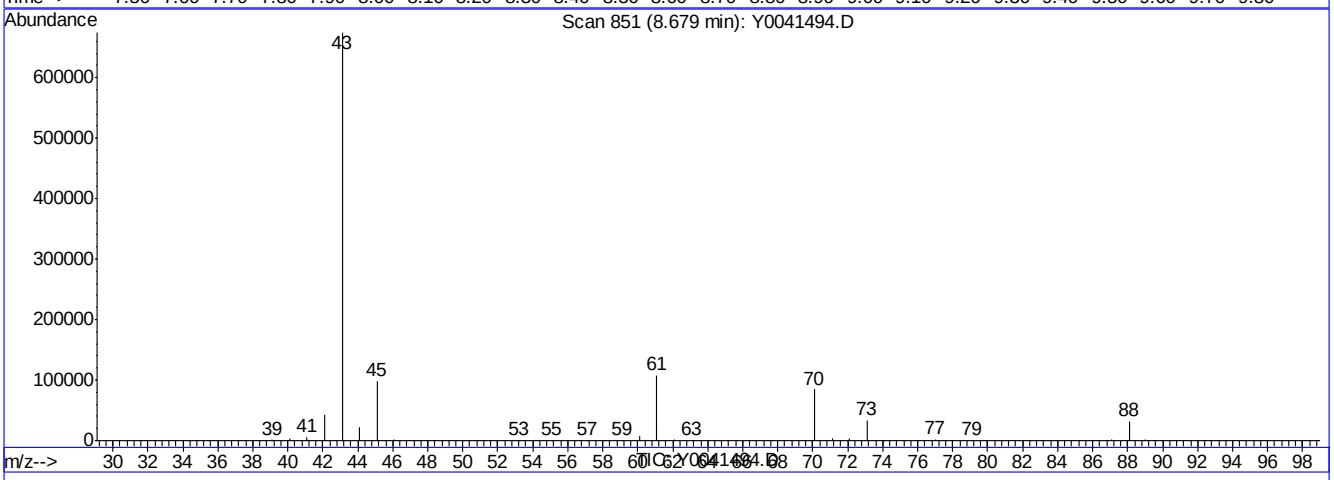
Y0041494.D VY2583AP9.M Wed Aug 18 10:05:11 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041494.D Vial: 10
Acq On : 18 Aug 2010 9:32 am Operator: fayzai
Sample : ic2583-100 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:05 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:04:45 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 476.16ug/kg m

response 1288810

Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.66
73.00	4.50	4.95
88.00	4.50	4.70

Y0041494.D VY2583AP9.M Wed Aug 18 10:05:35 2010

Y0041495.D

Manual Integrations APPROVED (compounds with "m" flag)

Jennifer Laidlaw 08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:29:47 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	664817	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	500888	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.49	152	208820	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.49	152	208820	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.24	113	539090	206.41	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery	= 412.82%#		
47) 1,2-Dichloroethane-d4	9.65	65	575500	200.52	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery	= 401.04%#		
64) Toluene-d8	11.54	98	2219079	208.64	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery	= 417.28%#		
85) 4-Bromofluorobenzene	14.28	95	759108	193.45	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery	= 386.90%#		

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	292238	228.86	ug/kg	93
3) Chloromethane	4.34	50	376584	219.15	ug/kg	100
4) Vinyl Chloride	4.57	62	374339	230.36	ug/kg	99
5) Bromomethane	5.21	94	297414	211.60	ug/kg	99
6) Chloroethane	5.38	64	244429	229.22	ug/kg	98
7) Trichlorofluoromethane	5.75	101	463247	223.81	ug/kg	96
8) Ethyl Alcohol	6.15	45	300769	2091.90	ug/kg	95
9) Ethyl ether	6.15	59	408629	210.54	ug/kg	97
10) Acrolein	6.46	56	89082	1075.53	ug/kg	100
11) 1,1-Dichloroethene	6.55	96	317490	219.13	ug/kg	97
12) Freon 113	6.46	101	308888	213.63	ug/kg	98
13) Acetone	6.65	43	438949	881.97	ug/kg	99
14) Isopropyl Alcohol	6.74	45	229576	1948.68	ug/kg#	100
15) Iodomethane	6.83	142	632444	221.78	ug/kg	99
16) Methyl acetate	7.02	43	1843714	1000.08	ug/kg	97
17) Carbon Disulfide	6.92	76	1081753	215.10	ug/kg	99
18) Allyl Chloride	7.05	41	619366	214.62	ug/kg	98
19) Acetonitrile	7.13	41	171405	1071.97	ug/kg	91
20) Methylene Chloride	7.25	84	426767	164.93	ug/kg	99
21) Tert Butyl Alcohol	7.25	59	436010	2144.16	ug/kg	96
22) trans-1,2-Dichloroethene	7.53	96	464971	216.08	ug/kg	96
23) Acrylonitrile	7.60	53	605685	1036.07	ug/kg	98
24) Hexane	7.73	57	669138	207.13	ug/kg	95
25) Methyl Tert Butyl Ether	7.45	73	1262834	215.82	ug/kg	97
26) 1,1-Dichloroethane	8.08	63	859635	203.99	ug/kg	100
27) Vinyl acetate	8.03	43	3198128	1097.57	ug/kg	99
28) Di-isopropyl ether	7.97	45	1759695	212.13	ug/kg	99
29) Chloroprene	8.14	53	662575	208.36	ug/kg	99
30) Ethyl tert-butyl ether	8.38	59	1503953	212.13	ug/kg	100
31) Ethyl Acetate	8.68	43	2703974m	1038.65	ug/kg	
32) 2,2-Dichloropropane	8.72	77	432985	200.26	ug/kg	96
33) cis-1,2-Dichloroethene	8.74	96	539500	212.42	ug/kg	98
34) 2-Butanone	8.71	72	285348	1021.43	ug/kg	89
35) Propionitrile	8.88	54	269865	1008.94	ug/kg	95

(#) = qualifier out of range (m) = manual integration
Y0041495.D VY2583AP9.M Wed Aug 18 11:23:25 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:29:47 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Bromochloromethane	9.02	128	287852	209.97 ug/kg	90
37)	Methacrylonitrile	9.01	41	1344855	976.13 ug/kg	97
38)	Chloroform	9.05	83	894652	200.96 ug/kg	99
39)	Tetrahydrofuran	9.27	42	141256	212.24 ug/kg	98
40)	1,1,1-Trichloroethane	9.26	97	604282	207.60 ug/kg	99
42)	Cyclohexane	9.27	56	650953	216.27 ug/kg	97
43)	Isobutyl Alcohol	9.41	43	206827	2199.63 ug/kg	97
44)	1,1-Dichloropropene	9.43	75	684643	205.80 ug/kg	97
45)	n-Butyl Alcohol	10.09	56	139257	2454.59 ug/kg	91
46)	Carbon Tetrachloride	9.41	117	562995	205.24 ug/kg	99
48)	Benzene	9.66	78	2276575	199.95 ug/kg	99
49)	1,2-Dichloroethane	9.73	62	661753	198.62 ug/kg	97
50)	tert-amyl methyl ether	9.65	73	1474885	214.47 ug/kg	99
51)	Trichloroethene	10.31	95	567742	202.29 ug/kg	96
52)	1-Bromo-2-Chloroethane	11.08	63	1767357	213.23 ug/kg	97
53)	Methylcyclohexane	10.46	83	737214	212.73 ug/kg	97
54)	Methyl Methacrylate	10.55	41	501344	208.74 ug/kg	99
55)	1,2-Dichloropropane	10.60	63	643621	199.58 ug/kg	98
56)	Dibromomethane	10.74	93	345321	198.67 ug/kg	97
57)	1,4-Dioxane	10.67	88	107487	4478.11 ug/kg	96
58)	Bromodichloromethane	10.85	83	802243	199.59 ug/kg	97
59)	2-Nitropropane	11.13	41	579599	952.98 ug/kg	95
60)	2-Chloroethyl vinyl ether	11.08	63	1767357	1066.16 ug/kg	97
61)	4-Methyl-2-pentanone	11.38	100	397295	1049.84 ug/kg	93
62)	cis-1,3-Dichloropropene	11.29	75	1074358	201.15 ug/kg	97
65)	Toluene	11.62	92	1578346	209.64 ug/kg	96
66)	Ethyl Methacrylate	11.79	69	826323	232.60 ug/kg	100
67)	trans-1,3-Dichloropropene	11.86	75	884783	215.28 ug/kg	99
68)	1,1,2-Trichloroethane	12.07	83	470729	206.22 ug/kg	99
69)	Tetrachloroethene	12.17	164	539986	210.67 ug/kg	98
70)	2-hexanone	12.22	43	1672195	1089.17 ug/kg	98
71)	1,3-Dichloropropane	12.26	76	932222	206.16 ug/kg	99
72)	Dibromochloromethane	12.49	129	653613	209.28 ug/kg	100
73)	1,2-Dibromoethane	12.67	107	556164	206.63 ug/kg	99
74)	1-Chlorohexane	12.96	91	838980	215.81 ug/kg	96
75)	Chlorobenzene	13.12	112	1714479	190.53 ug/kg	99
76)	1,1,1,2-Tetrachloroethane	13.18	131	575110	202.45 ug/kg	98
77)	Ethylbenzene	13.14	91	2845641	200.61 ug/kg	98
78)	m,p-Xylene	13.26	106	2233669	404.50 ug/kg	99
79)	o-Xylene	13.69	106	1036858	202.75 ug/kg	99
80)	Styrene	13.71	104	1906963	204.17 ug/kg	99
81)	Bromoform	14.00	173	426958	202.88 ug/kg	98
83)	Isopropylbenzene	14.03	105	2087727	207.36 ug/kg	99
84)	Cyclohexanone	14.27	55	70853	1229.81 ug/kg	85
86)	Bromobenzene	14.48	156	749363	206.81 ug/kg	97
87)	1,1,2,2-Tetrachloroethane	14.40	83	572768	196.12 ug/kg	98
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	166948	201.98 ug/kg#	100
89)	1,2,3-Trichloropropane	14.49	75	464955m	199.10 ug/kg	
90)	n-Propylbenzene	14.45	91	2873725	206.67 ug/kg	99

(#) = qualifier out of range (m) = manual integration
Y0041495.D VY2583AP9.M Wed Aug 18 11:23:25 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:29:47 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

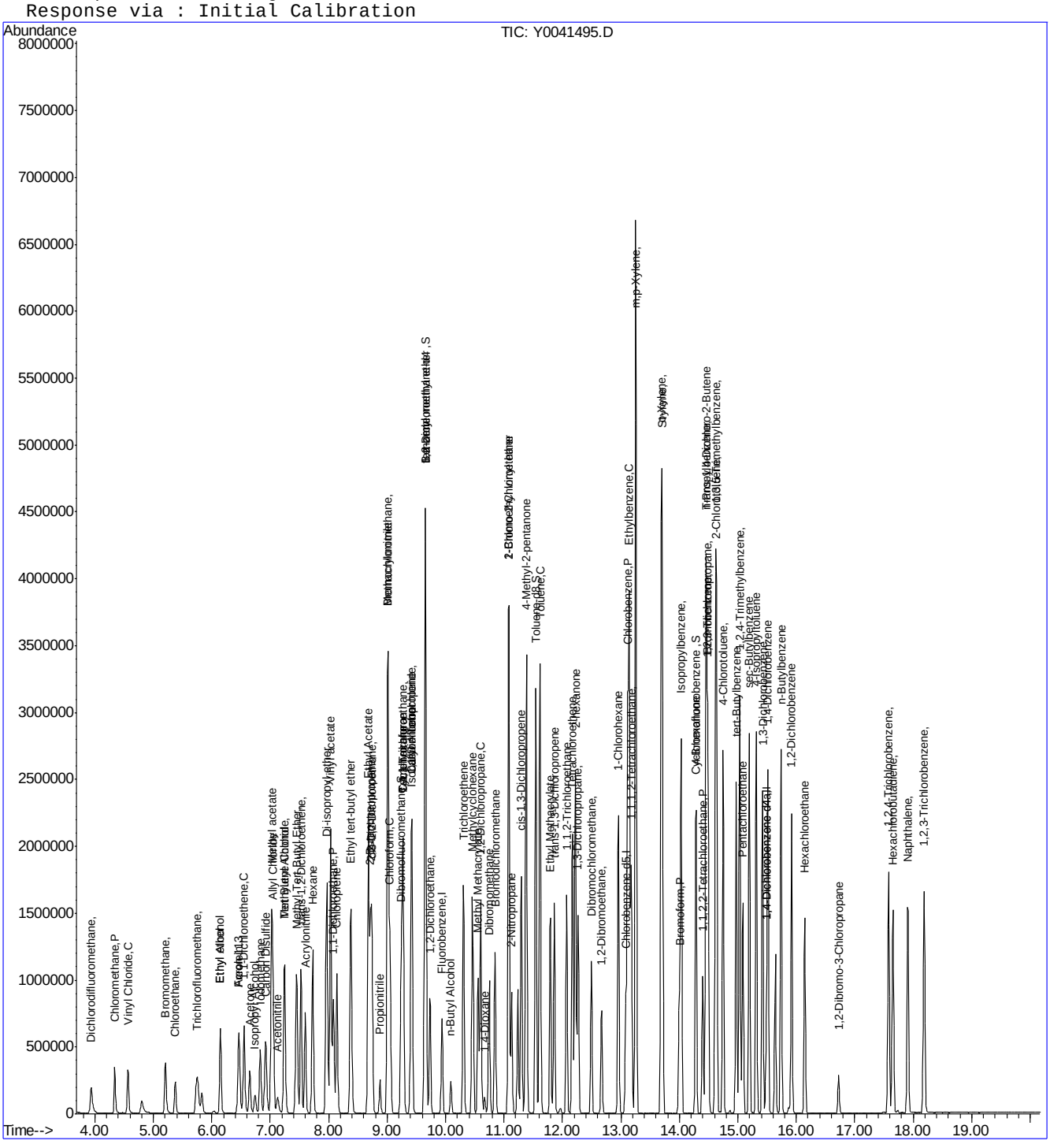
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
91)	2-Chlorotoluene	14.64	91	1903827	201.93 ug/kg	98
92)	4-Chlorotoluene	14.75	91	1722195	202.40 ug/kg	98
93)	1,3,5-Trimethylbenzene	14.62	105	1825417	204.12 ug/kg	99
94)	Pentachloroethane	15.08	167	362040	199.68 ug/kg	98
95)	sec-Butylbenzene	15.20	105	2210872	205.41 ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	1156124	201.34 ug/kg	100
97)	4-Isopropyltoluene	15.31	119	1804629	210.90 ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	1159467	196.42 ug/kg	99
99)	tert-Butylbenzene	14.97	91	880738	209.47 ug/kg	98
100)	n-Butylbenzene	15.74	91	1655778	210.49 ug/kg	98
101)	1,2-Dichlorobenzene	15.92	146	1044745	206.83 ug/kg	99
102)	1,2,4-Trimethylbenzene	15.03	105	1844325	202.79 ug/kg	100
103)	Hexachloroethane	16.14	119	324765	221.42 ug/kg	97
104)	1,2-Dibromo-3-Chloropropan	16.72	75	74770	230.40 ug/kg	97
105)	1,2,4-Trichlorobenzene	17.58	180	717433	268.78 ug/kg	98
106)	Hexachlorobutadiene	17.65	225	387387	257.49 ug/kg	98
107)	Naphthalene	17.90	128	1517671	282.57 ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	693188	274.60 ug/kg	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

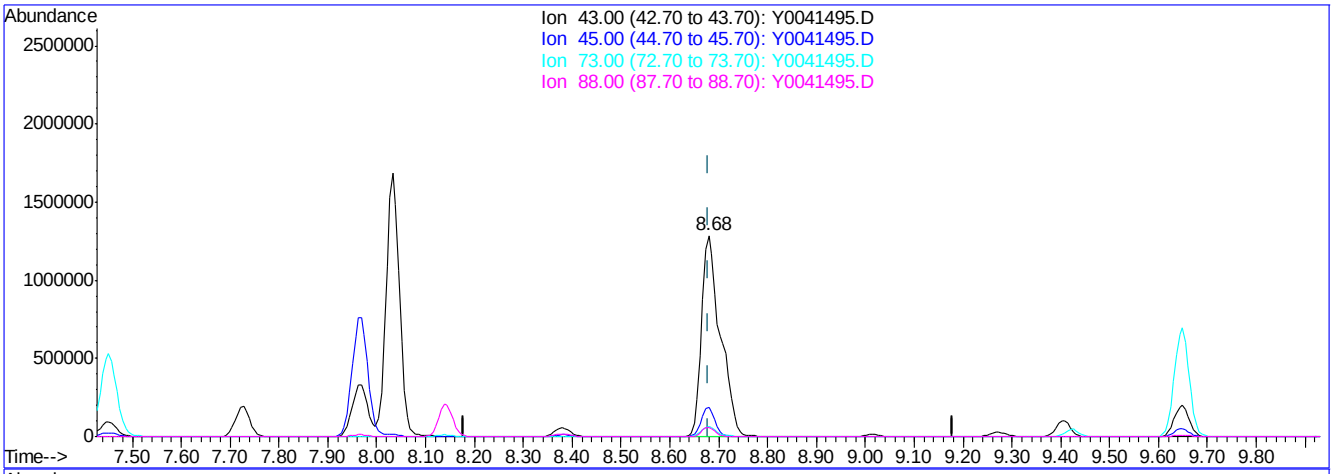


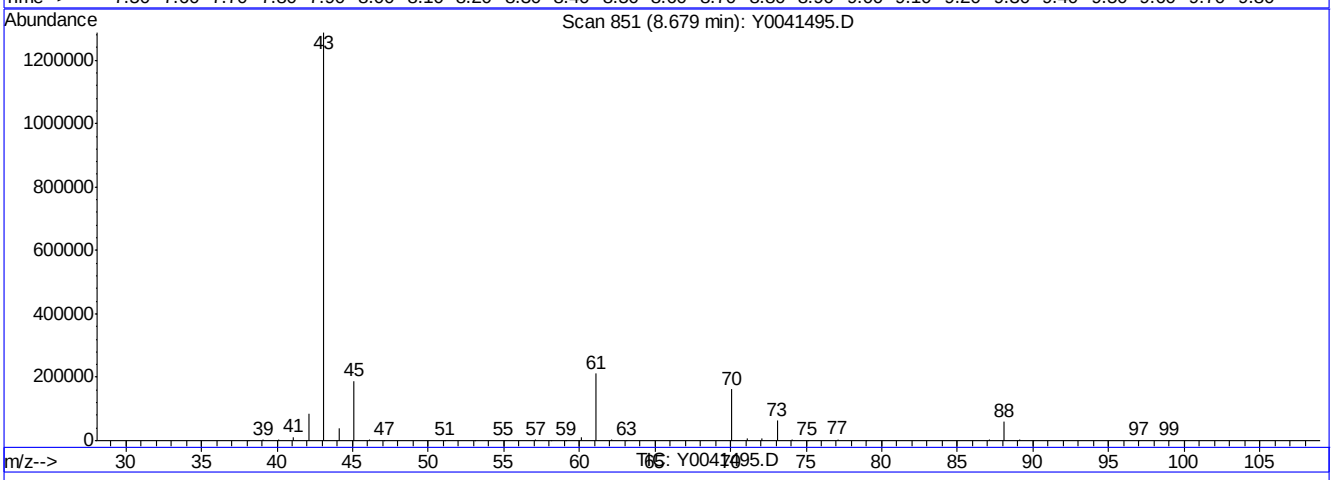
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:29 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 1315.16ug/kg

response 3423828

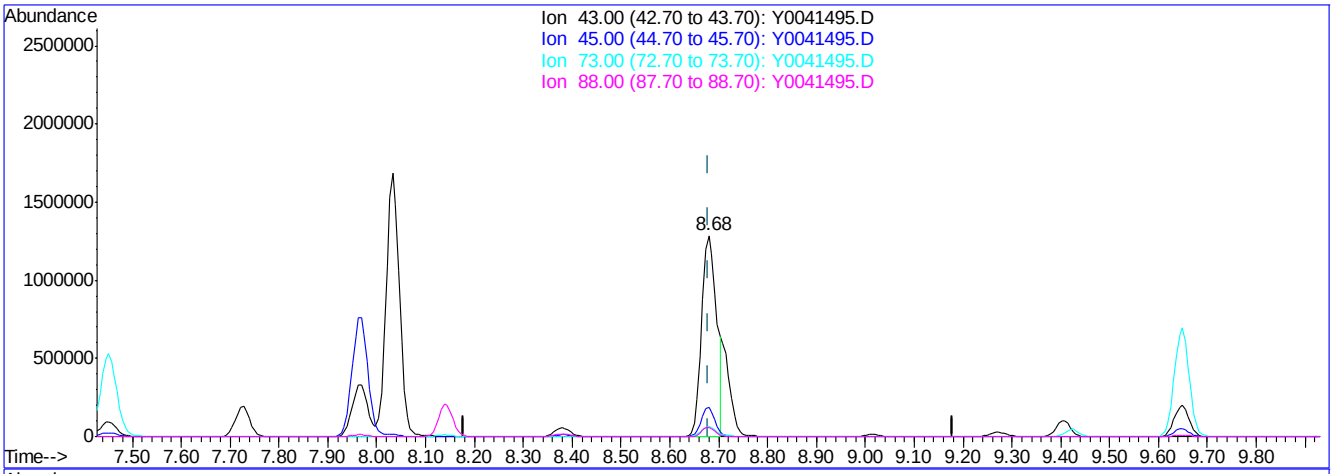
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.63
73.00	4.50	4.90
88.00	4.50	4.65

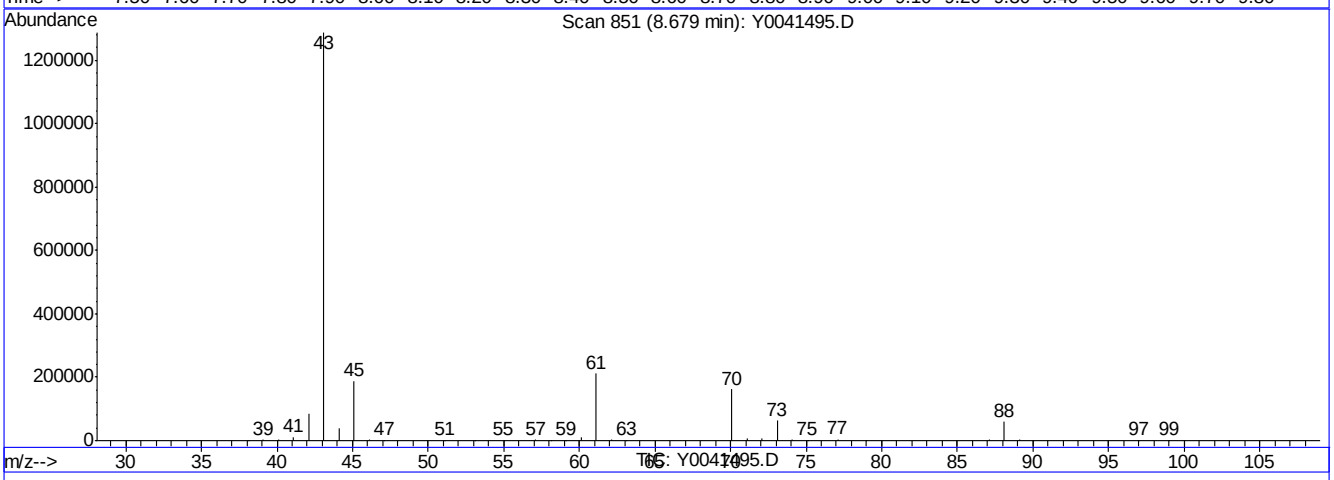
Y0041495.D VY2583AP9.M Wed Aug 18 10:30:06 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:30 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 1038.65ug/kg m

response 2703974

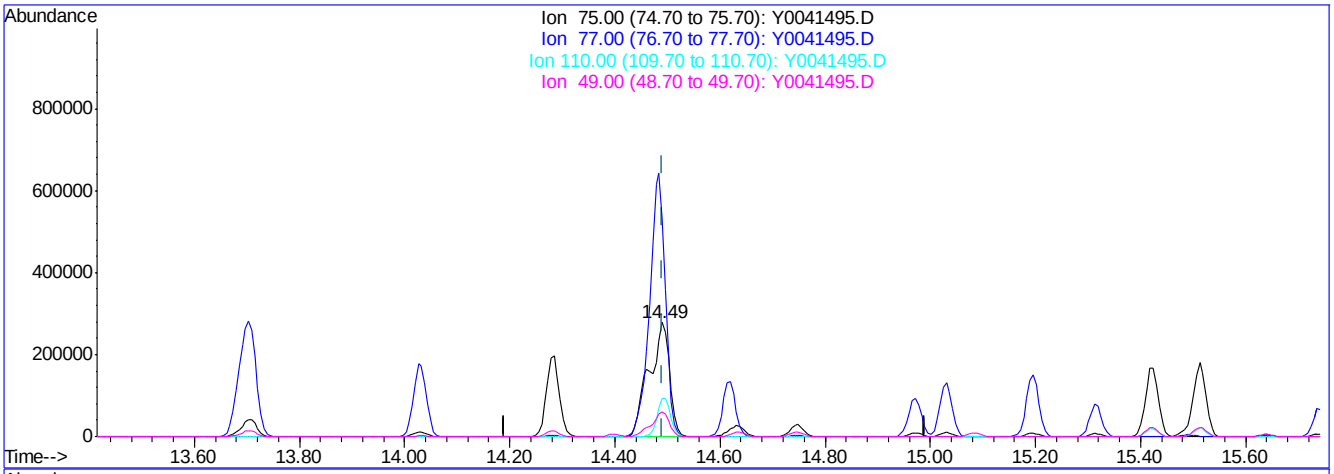
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.63
73.00	4.50	4.90
88.00	4.50	4.65

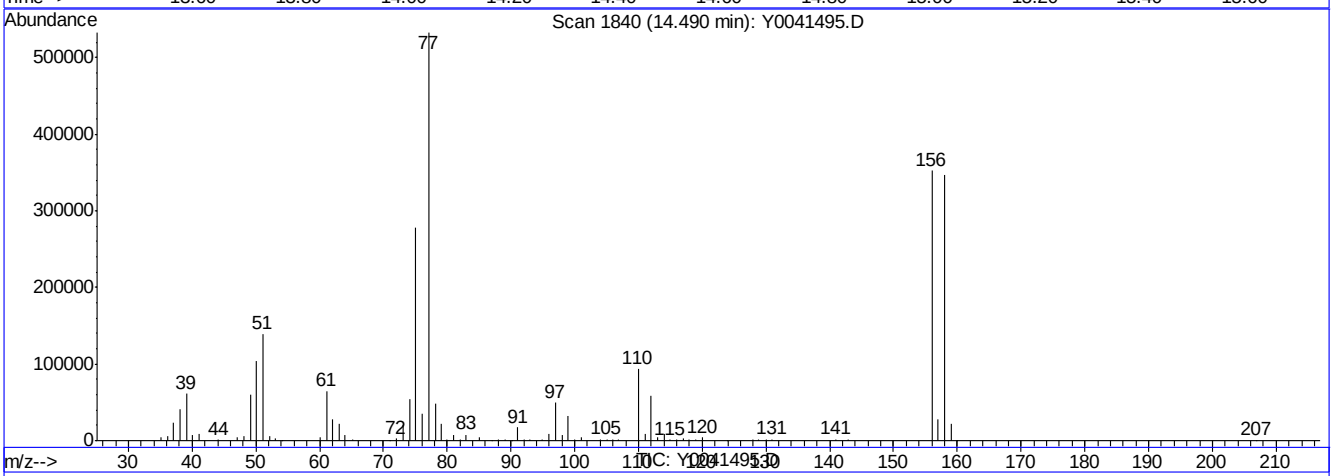
Y0041495.D VY2583AP9.M Wed Aug 18 10:30:24 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:30 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 322.36ug/kg

response 752809

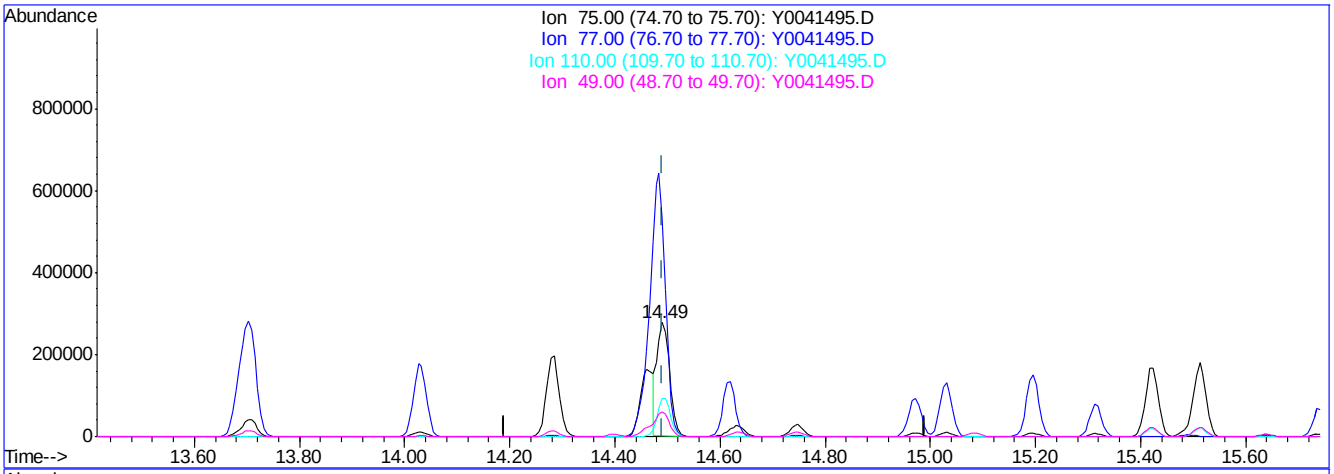
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	191.60
110.00	34.20	33.59
49.00	22.90	21.52

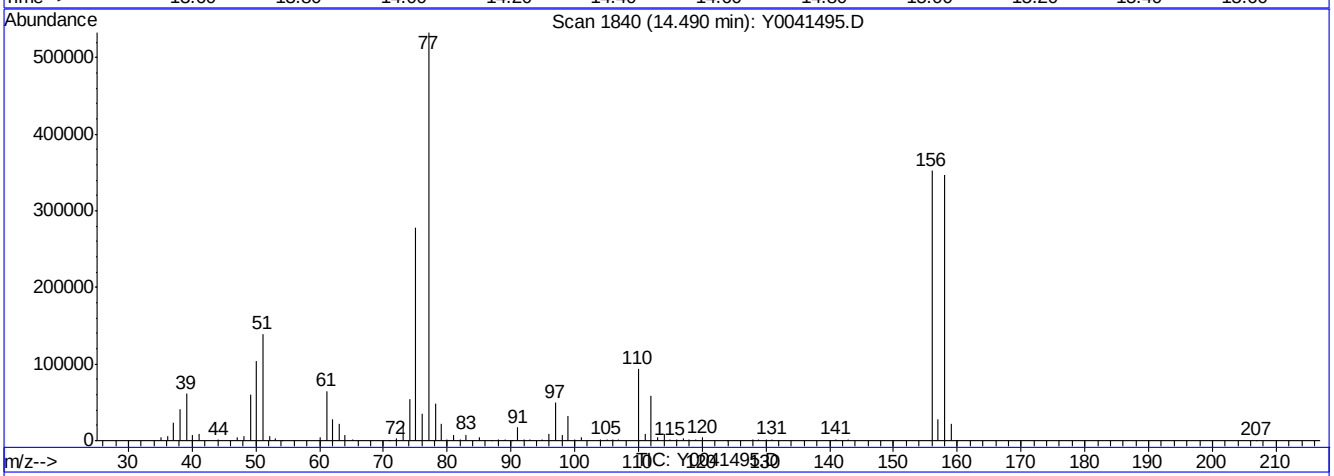
Y0041495.D VY2583AP9.M Wed Aug 18 10:30:57 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041495.D Vial: 11
Acq On : 18 Aug 2010 10:01 am Operator: fayzai
Sample : ic2583-200 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 10:31 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:29:41 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 199.10ug/kg m

response 464955

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	191.60
110.00	34.20	33.59
49.00	22.90	21.52

Y0041495.D VY2583AP9.M Wed Aug 18 10:31:03 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/19/10 14:56

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:19:54 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	675272	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	564168	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.49	152	247618	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.49	152	247618	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.24	113	123663	46.40	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 92.80%			
47) 1,2-Dichloroethane-d4	9.65	65	127792	43.82	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 87.64%			
64) Toluene-d8	11.54	98	609327	50.55	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 101.10%			
85) 4-Bromofluorobenzene	14.28	95	219781	47.45	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 94.90%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.94	85	33963	24.46	ug/kg	98
3) Chloromethane	4.34	50	64157	36.26	ug/kg	99
4) Vinyl Chloride	4.56	62	55092	31.09	ug/kg	94
5) Bromomethane	5.21	94	50461	35.05	ug/kg	97
6) Chloroethane	5.38	64	39231	33.33	ug/kg	98
7) Trichlorofluoromethane	5.75	101	69909	32.70	ug/kg	93
8) Ethyl Alcohol	6.15	45	58596	398.62	ug/kg	97
9) Ethyl ether	6.15	59	78173	39.36	ug/kg	96
10) Acrolein	6.46	56	15539	169.23	ug/kg	96
11) 1,1-Dichloroethene	6.55	96	51850	34.76	ug/kg	93
12) Freon 113	6.46	101	48975	33.03	ug/kg	99
13) Acetone	6.65	43	97789	196.76	ug/kg	95
14) Isopropyl Alcohol	6.73	45	99821	837.25	ug/kg	100
15) Iodomethane	6.83	142	109952	35.16	ug/kg	98
16) Methyl acetate	7.02	43	350879	187.38	ug/kg	97
17) Carbon Disulfide	6.92	76	172788	33.47	ug/kg	99
18) Allyl Chloride	7.05	41	115419	38.97	ug/kg	100
19) Acetonitrile	7.12	41	76893	443.58	ug/kg	94
20) Methylene Chloride	7.25	84	87880	37.18	ug/kg	98
21) Tert Butyl Alcohol	7.24	59	89202	427.47	ug/kg	98
22) trans-1,2-Dichloroethene	7.53	96	75799	34.29	ug/kg	99
23) Acrylonitrile	7.60	53	132837	222.56	ug/kg	99
24) Hexane	7.73	57	100249	30.40	ug/kg	94
25) Methyl Tert Butyl Ether	7.45	73	237472	39.51	ug/kg	98
26) 1,1-Dichloroethane	8.08	63	154509	35.99	ug/kg	97
27) Vinyl acetate	8.03	43	696024	231.94	ug/kg	99
28) Di-isopropyl ether	7.96	45	326335	38.40	ug/kg	98
29) Chloroprene	8.14	53	120350	37.04	ug/kg	98
30) Ethyl tert-butyl ether	8.38	59	274843	37.84	ug/kg	99
31) Ethyl Acetate	8.68	43	559199m	210.31	ug/kg	
32) 2,2-Dichloropropane	8.72	77	77540	35.30	ug/kg	97
33) cis-1,2-Dichloroethene	8.74	96	99696	38.31	ug/kg	98
34) 2-Butanone	8.71	72	61070	214.56	ug/kg	94
35) Propionitrile	8.88	54	121230	445.65	ug/kg	95

(#) = qualifier out of range (m) = manual integration
Y0041497.D VY2583AP9.M Thu Aug 19 07:26:23 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:19:54 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Bromochloromethane	9.03	128	53554	38.19	ug/kg#	91
37)	Methacrylonitrile	9.01	41	592556	424.88	ug/kg	97
38)	Chloroform	9.05	83	165687	36.62	ug/kg	98
39)	Tetrahydrofuran	9.27	42	22343	32.76	ug/kg	99
40)	1,1,1-Trichloroethane	9.27	97	103568	34.84	ug/kg	99
42)	Cyclohexane	9.27	56	101149	32.71	ug/kg	98
43)	Isobutyl Alcohol	9.40	43	94420	974.72	ug/kg	97
44)	1,1-Dichloropropene	9.43	75	115890	34.15	ug/kg	96
45)	n-Butyl Alcohol	10.09	56	60200	880.12	ug/kg	92
46)	Carbon Tetrachloride	9.41	117	95486	34.14	ug/kg	97
48)	Benzene	9.66	78	413057	35.72	ug/kg	96
49)	1,2-Dichloroethane	9.73	62	128557	38.02	ug/kg	97
50)	tert-amyl methyl ether	9.65	73	280435	39.74	ug/kg	99
51)	Trichloroethene	10.31	95	99401	34.81	ug/kg	91
52)	1-Bromo-2-Chloroethane	11.08	63	342168	40.26	ug/kg	98
53)	Methylcyclohexane	10.46	83	116820	32.89	ug/kg	97
54)	Methyl Methacrylate	10.55	41	111919	45.59	ug/kg	98
55)	1,2-Dichloropropane	10.60	63	124069	37.89	ug/kg	99
56)	Dibromomethane	10.75	93	69777	39.56	ug/kg	97
57)	1,4-Dioxane	10.67	88	21944	811.44	ug/kg	98
58)	Bromodichloromethane	10.85	83	151338	37.08	ug/kg	99
59)	2-Nitropropane	11.13	41	125308	204.21	ug/kg	93
60)	2-Chloroethyl vinyl ether	11.08	63	342168	201.31	ug/kg	98
61)	4-Methyl-2-pentanone	11.38	100	82997	214.40	ug/kg	96
62)	cis-1,3-Dichloropropene	11.29	75	204562	37.68	ug/kg	97
65)	Toluene	11.61	92	301793	35.35	ug/kg	99
66)	Ethyl Methacrylate	11.79	69	175601	42.89	ug/kg	98
67)	trans-1,3-Dichloropropene	11.86	75	190879	40.79	ug/kg	98
68)	1,1,2-Trichloroethane	12.07	83	98832	38.27	ug/kg	97
69)	Tetrachloroethene	12.17	164	103263	35.50	ug/kg	96
70)	2-hexanone	12.22	43	353131	201.64	ug/kg	99
71)	1,3-Dichloropropane	12.26	76	194930	38.11	ug/kg	99
72)	Dibromochloromethane	12.49	129	137308	38.78	ug/kg	98
73)	1,2-Dibromoethane	12.67	107	119234	39.14	ug/kg	99
74)	1-Chlorohexane	12.96	91	149839	33.84	ug/kg	96
75)	Chlorobenzene	13.12	112	360083	35.77	ug/kg	98
76)	1,1,1,2-Tetrachloroethane	13.17	131	121292	37.84	ug/kg	98
77)	Ethylbenzene	13.14	91	566488	35.44	ug/kg	100
78)	m,p-Xylene	13.25	106	445723	71.55	ug/kg	98
79)	o-Xylene	13.69	106	214280	37.13	ug/kg	97
80)	Styrene	13.71	104	387164	36.69	ug/kg	98
81)	Bromoform	14.00	173	92372	38.89	ug/kg	96
83)	Isopropylbenzene	14.03	105	492189	41.01	ug/kg	99
84)	Cyclohexanone	14.27	55	49345	699.33	ug/kg#	68
86)	Bromobenzene	14.48	156	159435	36.93	ug/kg	100
87)	1,1,2,2-Tetrachloroethane	14.40	83	136747	39.60	ug/kg	96
88)	Trans-1,4-Dichloro-2-Buten	14.45	53	37018	37.72	ug/kg#	96
89)	1,2,3-Trichloropropane	14.49	75	100607m	36.35	ug/kg	
90)	n-Propylbenzene	14.45	91	582425	35.16	ug/kg	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:19:54 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

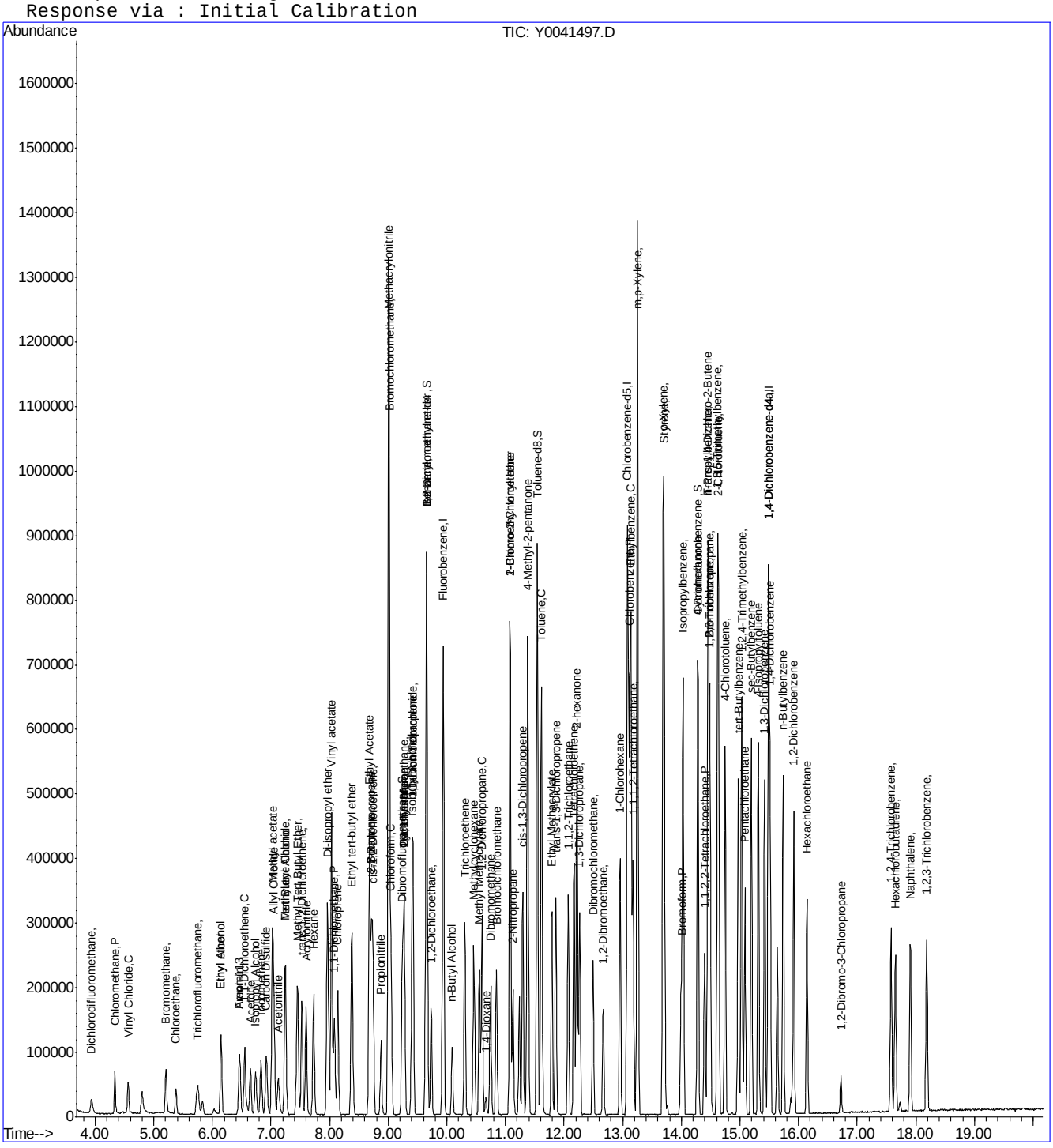
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	401072	35.83 ug/kg	99
92)	4-Chlorotoluene	14.74	91	366408	36.25 ug/kg	100
93)	1,3,5-Trimethylbenzene	14.61	105	387574	36.44 ug/kg	100
94)	Pentachloroethane	15.08	167	79005	36.76 ug/kg	95
95)	sec-Butylbenzene	15.20	105	453247	35.38 ug/kg	98
96)	1,3-Dichlorobenzene	15.42	146	240860	35.34 ug/kg	97
97)	4-Isopropyltoluene	15.31	119	360786	35.28 ug/kg	99
98)	1,4-Dichlorobenzene	15.51	146	245459	35.16 ug/kg	100
99)	tert-Butylbenzene	14.97	91	179021	35.67 ug/kg	97
100)	n-Butylbenzene	15.74	91	312338	33.23 ug/kg	99
101)	1,2-Dichlorobenzene	15.92	146	217905	36.20 ug/kg	98
102)	1,2,4-Trimethylbenzene	15.03	105	391839	36.26 ug/kg	99
103)	Hexachloroethane	16.14	119	72328	40.96 ug/kg	97
104)	1,2-Dibromo-3-Chloropropan	16.72	75	15726	40.00 ug/kg	93
105)	1,2,4-Trichlorobenzene	17.57	180	112807	33.42 ug/kg	96
106)	Hexachlorobutadiene	17.65	225	61790	33.27 ug/kg	99
107)	Naphthalene	17.90	128	253341	35.51 ug/kg	100
108)	1,2,3-Trichlorobenzene	18.19	180	110074	33.79 ug/kg	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:20 2010 Quant Results File: VY2583AP9.RES

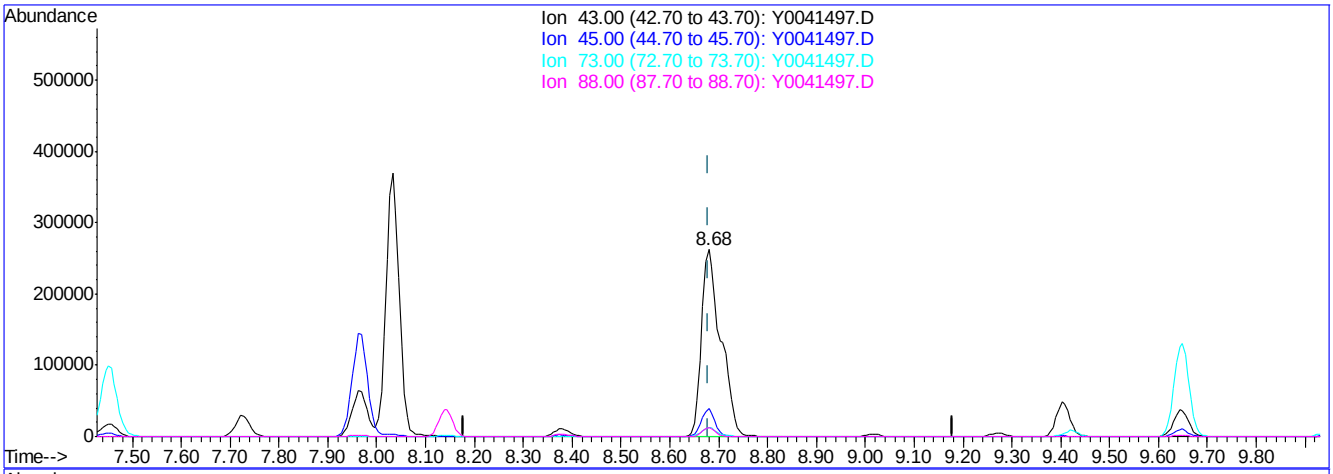
Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Initial Calibration

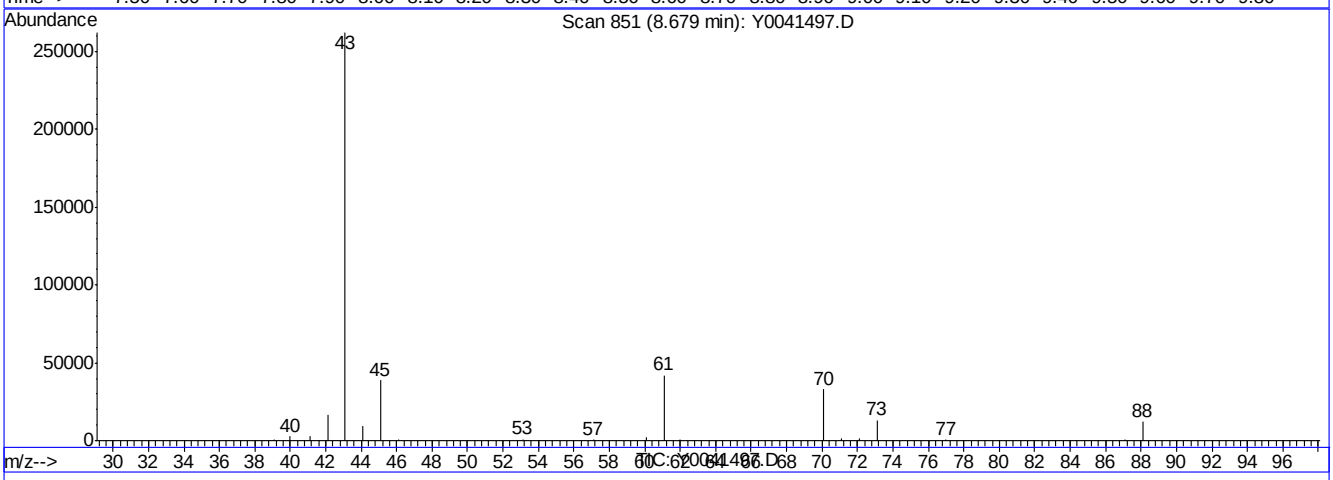


Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:19 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 269.28ug/kg

response 715981

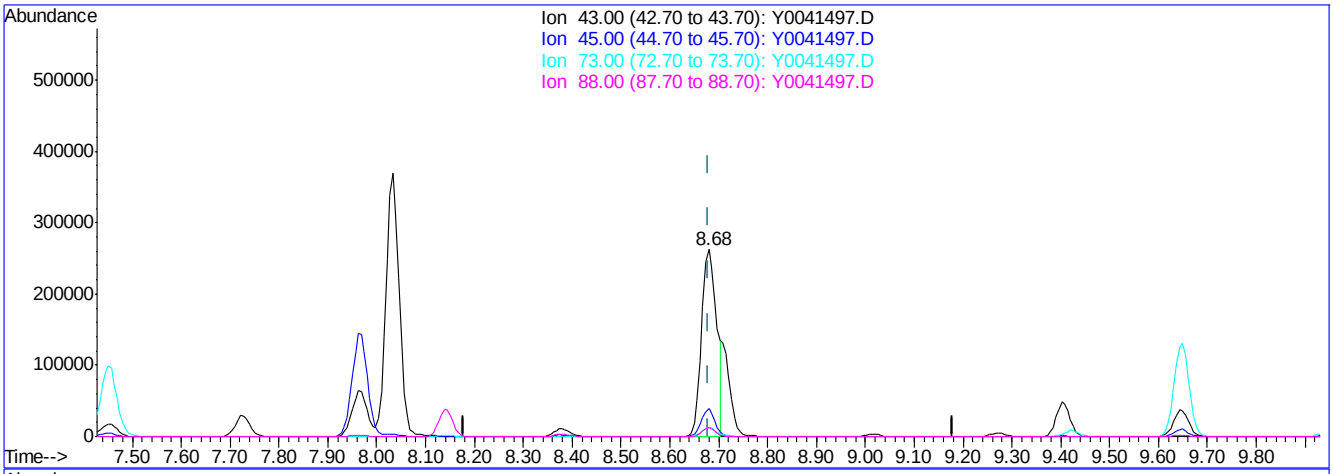
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.74
73.00	4.50	5.04
88.00	4.50	4.65

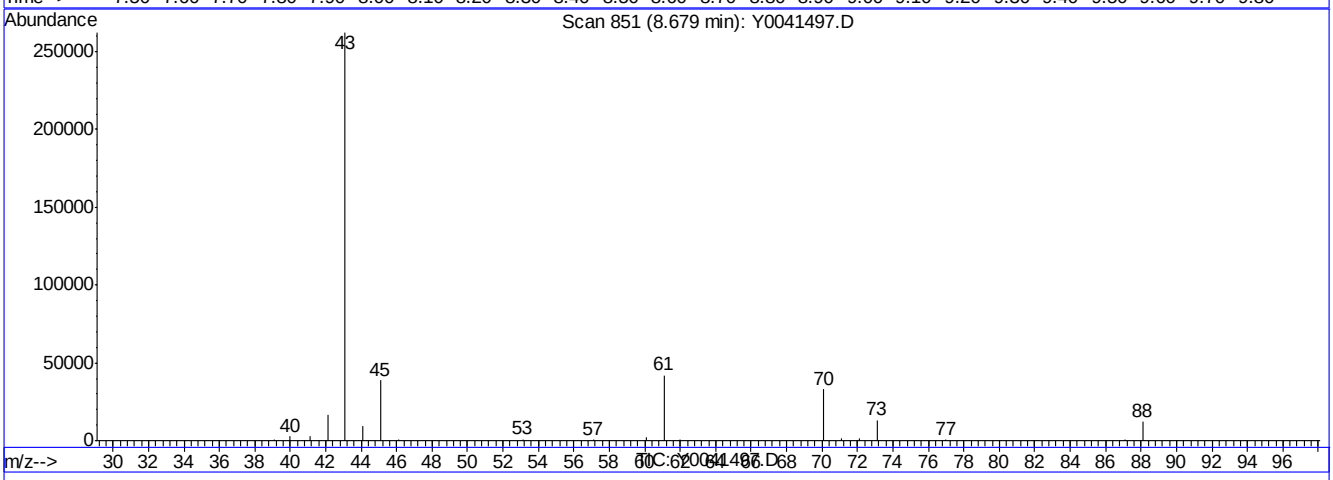
Y0041497.D VY2583AP9.M Wed Aug 18 11:20:01 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:20 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.68min (-0.000) 210.31ug/kg m

response 559199

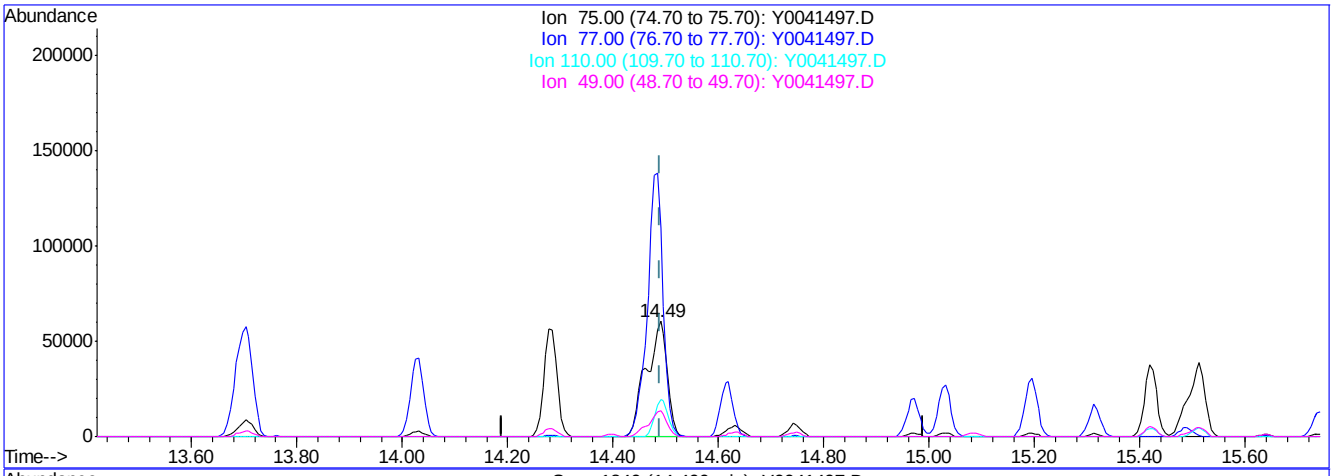
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.74
73.00	4.50	5.04
88.00	4.50	4.65

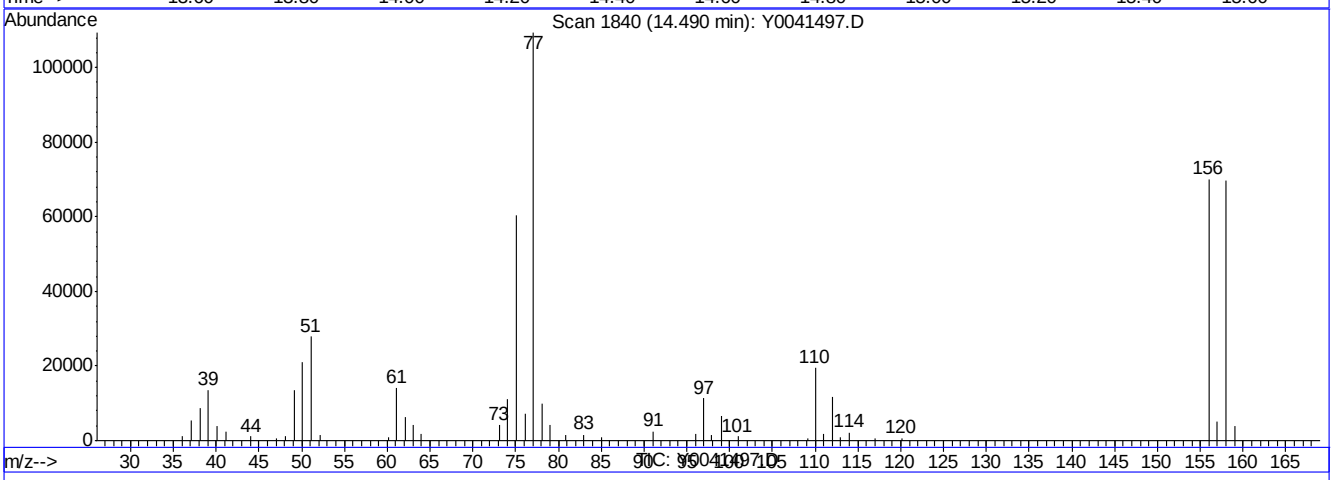
Y0041497.D VY2583AP9.M Wed Aug 18 11:20:08 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:20 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 59.75ug/kg

response 165344

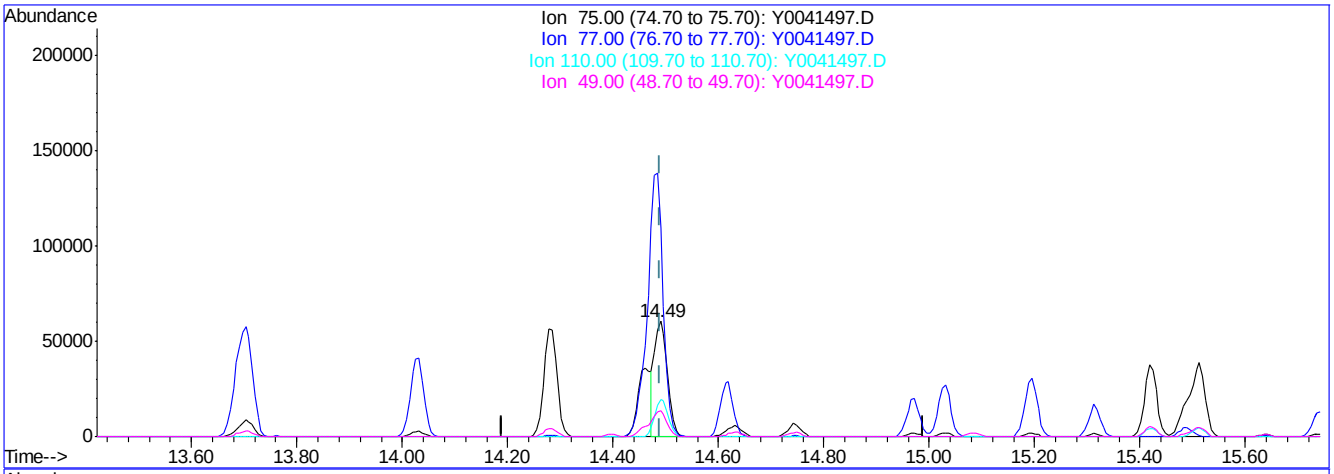
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	181.13
110.00	34.20	32.22
49.00	22.90	22.50

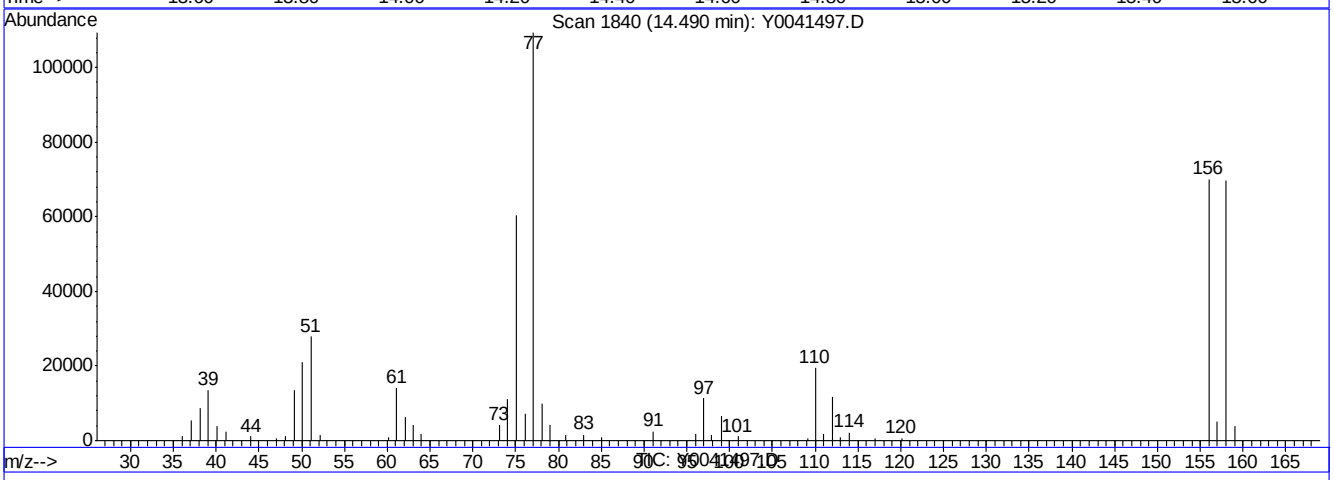
Y0041497.D VY2583AP9.M Wed Aug 18 11:20:16 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2583\Y0041497.D Vial: 13
Acq On : 18 Aug 2010 10:59 am Operator: fayzai
Sample : icv2583-40 Inst : GCMS_Y
Misc : ms8285,vy2583,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 18 11:20 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Wed Aug 18 10:34:20 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 36.35ug/kg m

response 100607

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	181.13
110.00	34.20	32.22
49.00	22.90	22.50

Y0041497.D VY2583AP9.M Wed Aug 18 11:20:26 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/07/10 14:53

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:58:49 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	9.94	96	681590	50.00	ug/kg	0.00
63) Chlorobenzene-d5	13.08	117	597341	50.00	ug/kg	0.00
82) 1,4-Dichlorobenzene-d4	15.48	152	279411	50.00	ug/kg	0.00
109) 1,4-Dichlorobenzene-d4a	15.48	152	279411	50.00	mg/kg	0.00
System Monitoring Compounds						
41) Dibromofluoromethane	9.23	113	55648	20.69	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 127		Recovery = 41.38%#			
47) 1,2-Dichloroethane-d4	9.65	65	55571	18.88	ug/kg	0.00
Spiked Amount 50.000	Range 56 - 121		Recovery = 37.76%#			
64) Toluene-d8	11.54	98	270171	21.17	ug/kg	0.00
Spiked Amount 50.000	Range 76 - 139		Recovery = 42.34%#			
85) 4-Bromofluorobenzene	14.28	95	105756	20.24	ug/kg	0.00
Spiked Amount 50.000	Range 68 - 167		Recovery = 40.48%#			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.93	85	28874	20.90	ug/kg	95
3) Chloromethane	4.34	50	33469	18.74	ug/kg	99
4) Vinyl Chloride	4.56	62	31688	18.72	ug/kg	99
5) Bromomethane	5.21	94	29683	20.43	ug/kg	93
6) Chloroethane	5.38	64	22317	19.69	ug/kg	96
7) Trichlorofluoromethane	5.75	101	48036	22.26	ug/kg	100
8) Ethyl Alcohol	6.15	45	26682	179.83	ug/kg	97
9) Ethyl ether	6.15	59	36305	18.11	ug/kg	94
10) Acrolein	6.46	56	7432	80.09	ug/kg	97
11) 1,1-Dichloroethene	6.55	96	31005	20.59	ug/kg	93
12) Freon 113	6.46	101	31435	21.00	ug/kg	93
13) Acetone	6.65	43	46937	93.57	ug/kg	97
14) Isopropyl Alcohol	6.73	45	20070	166.78	ug/kg#	100
15) Iodomethane	6.83	142	60318	19.72	ug/kg	97
16) Methyl acetate	7.02	43	157544	83.35	ug/kg	96
17) Carbon Disulfide	6.92	76	100896	19.36	ug/kg	99
18) Allyl Chloride	7.05	41	60094	20.10	ug/kg	95
19) Acetonitrile	7.12	41	15261	88.49	ug/kg	88
20) Methylene Chloride	7.24	84	49272	18.98	ug/kg	94
21) Tert Butyl Alcohol	7.24	59	34680	164.65	ug/kg	94
22) trans-1,2-Dichloroethene	7.52	96	45210	20.26	ug/kg	92
23) Acrylonitrile	7.60	53	50087	83.14	ug/kg	99
24) Hexane	7.72	57	70073	21.05	ug/kg	93
25) Methyl Tert Butyl Ether	7.45	73	110566	18.22	ug/kg	95
26) 1,1-Dichloroethane	8.08	63	82093	18.95	ug/kg	97
27) Vinyl acetate	8.03	43	245823	81.16	ug/kg	98
28) Di-isopropyl ether	7.96	45	152528	17.78	ug/kg	98
29) Chloroprene	8.14	53	66623	20.31	ug/kg	91
30) Ethyl tert-butyl ether	8.37	59	132088	18.02	ug/kg	97
31) Ethyl Acetate	8.67	43	216703m	80.75	ug/kg	
32) 2,2-Dichloropropane	8.72	77	44982	20.29	ug/kg	97
33) cis-1,2-Dichloroethene	8.74	96	52730	20.07	ug/kg	96
34) 2-Butanone	8.71	72	26359	91.75	ug/kg#	85
35) Propionitrile	8.88	54	24398	88.86	ug/kg	94

(#) = qualifier out of range (m) = manual integration
Y0041925.D VY2583AP9.M Tue Sep 07 12:32:37 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:58:49 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Bromochloromethane	9.02	128	28082	19.84	ug/kg	93
37)	Methacrylonitrile	9.01	41	126858	90.12	ug/kg	96
38)	Chloroform	9.05	83	87911	19.25	ug/kg	96
39)	Tetrahydrofuran	9.27	42	13042	18.95	ug/kg	93
40)	1,1,1-Trichloroethane	9.26	97	61048	20.35	ug/kg	99
42)	Cyclohexane	9.27	56	64629	20.70	ug/kg	96
43)	Isobutyl Alcohol	9.40	43	16348	167.20	ug/kg	88
44)	1,1-Dichloropropene	9.42	75	71304	20.82	ug/kg	97
45)	n-Butyl Alcohol	10.09	56	9763	174.67	ug/kg	91
46)	Carbon Tetrachloride	9.41	117	59479	21.07	ug/kg	98
48)	Benzene	9.65	78	235155	20.15	ug/kg	99
49)	1,2-Dichloroethane	9.73	62	61108	17.91	ug/kg	98
50)	tert-amyl methyl ether	9.64	73	131948	18.52	ug/kg	97
51)	Trichloroethene	10.30	95	61149	21.22	ug/kg	94
52)	1-Bromo-2-Chloroethane	11.08	63	152125	17.73	ug/kg	99
53)	Methylcyclohexane	10.46	83	79279	22.11	ug/kg	94
54)	Methyl Methacrylate	10.55	41	45117	18.21	ug/kg	91
55)	1,2-Dichloropropane	10.59	63	64521	19.52	ug/kg	97
56)	Dibromomethane	10.74	93	33697	18.93	ug/kg	90
57)	1,4-Dioxane	10.66	88	9279	351.59	ug/kg	96
58)	Bromodichloromethane	10.84	83	80261	19.48	ug/kg	99
59)	2-Nitropropane	11.12	41	51311	82.85	ug/kg	99
60)	2-Chloroethyl vinyl ether	11.08	63	152125	88.67	ug/kg	99
61)	4-Methyl-2-pentanone	11.38	100	37787	96.71	ug/kg#	85
62)	cis-1,3-Dichloropropene	11.29	75	106400	19.42	ug/kg	94
65)	Toluene	11.61	92	179577	19.86	ug/kg	100
66)	Ethyl Methacrylate	11.79	69	80197	18.50	ug/kg	96
67)	trans-1,3-Dichloropropene	11.86	75	87907	17.74	ug/kg	97
68)	1,1,2-Trichloroethane	12.07	83	49927	18.26	ug/kg	95
69)	Tetrachloroethene	12.17	164	66658	21.64	ug/kg	92
70)	2-hexanone	12.22	43	145329	78.38	ug/kg	96
71)	1,3-Dichloropropane	12.26	76	98957	18.27	ug/kg	95
72)	Dibromochloromethane	12.49	129	71962	19.19	ug/kg	98
73)	1,2-Dibromoethane	12.67	107	61185	18.97	ug/kg	100
74)	1-Chlorohexane	12.96	91	99128	21.14	ug/kg	92
75)	Chlorobenzene	13.11	112	209055	19.61	ug/kg	94
76)	1,1,1,2-Tetrachloroethane	13.17	131	67738	19.96	ug/kg	99
77)	Ethylbenzene	13.14	91	345451	20.41	ug/kg	97
78)	m,p-Xylene	13.25	106	280025	42.45	ug/kg	98
79)	o-Xylene	13.69	106	126378	20.68	ug/kg	96
80)	Styrene	13.70	104	223510	20.01	ug/kg	99
81)	Bromoform	14.00	173	50646	20.14	ug/kg	97
83)	Isopropylbenzene	14.03	105	272243	20.10	ug/kg	99
84)	Cyclohexanone	14.27	55	12486	156.82	ug/kg#	80
86)	Bromobenzene	14.48	156	96200	19.75	ug/kg	89
87)	1,1,2,2-Tetrachloroethane	14.40	83	67035	17.20	ug/kg	100
88)	Trans-1,4-Dichloro-2-Buten	14.46	53	17657	15.94	ug/kg#	92
89)	1,2,3-Trichloropropane	14.49	75	51154m	16.38	ug/kg	
90)	n-Propylbenzene	14.45	91	370756	19.83	ug/kg	99

(#) = qualifier out of range (m) = manual integration
Y0041925.D VY2583AP9.M Tue Sep 07 12:32:37 2010

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:58:49 2010 Quant Results File: VY2583AP9.RES

Quant Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
91)	2-Chlorotoluene	14.63	91	246799	19.54	ug/kg	97
92)	4-Chlorotoluene	14.74	91	219338	19.23	ug/kg	95
93)	1,3,5-Trimethylbenzene	14.61	105	245565	20.46	ug/kg	100
94)	Pentachloroethane	15.08	167	51777	21.35	ug/kg	100
95)	sec-Butylbenzene	15.19	105	301009	20.82	ug/kg	97
96)	1,3-Dichlorobenzene	15.42	146	155684	20.24	ug/kg	99
97)	4-Isopropyltoluene	15.31	119	241770	20.95	ug/kg	98
98)	1,4-Dichlorobenzene	15.51	146	158600	20.13	ug/kg	98
99)	tert-Butylbenzene	14.97	91	114333	20.19	ug/kg	98
100)	n-Butylbenzene	15.74	91	216262	20.39	ug/kg	100
101)	1,2-Dichlorobenzene	15.92	146	137185	20.20	ug/kg	98
102)	1,2,4-Trimethylbenzene	15.02	105	247757	20.32	ug/kg	98
103)	Hexachloroethane	16.14	119	40757	20.45	ug/kg	93
104)	1,2-Dibromo-3-Chloropropan	16.72	75	7870	17.74	ug/kg	98
105)	1,2,4-Trichlorobenzene	17.57	180	72222	21.93	ug/kg	98
106)	Hexachlorobutadiene	17.65	225	42695	20.37	ug/kg	98
107)	Naphthalene	17.90	128	134462	20.63	ug/kg	99
108)	1,2,3-Trichlorobenzene	18.19	180	64619	20.92	ug/kg	94
110)	TPH-GRO (C6-C10)	11.10	TIC	22030653m	1002.97	mg/kg	

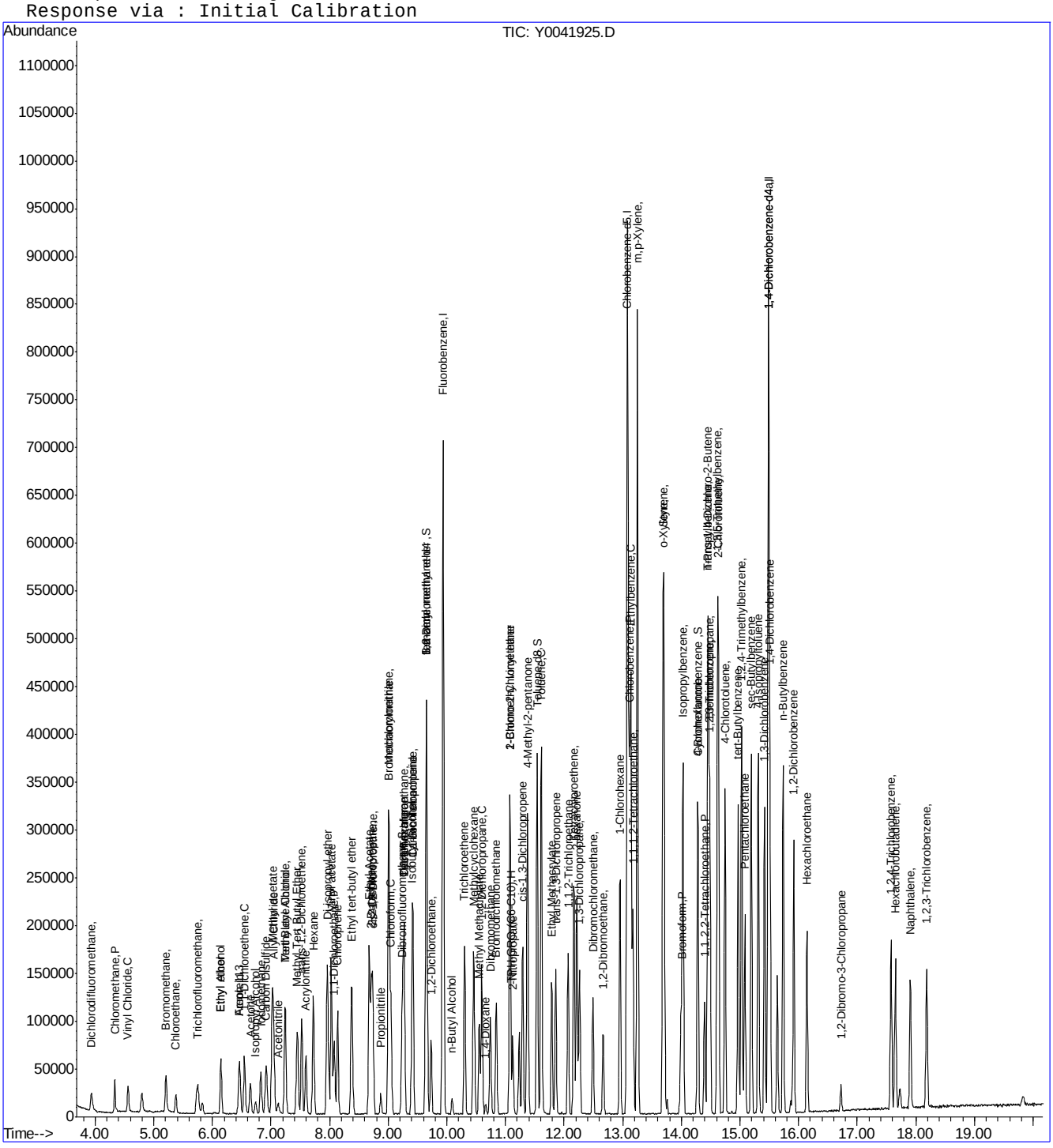
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ACCUTEST LABORATORIES T59309

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: VY2583AP9.RES

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Initial Calibration

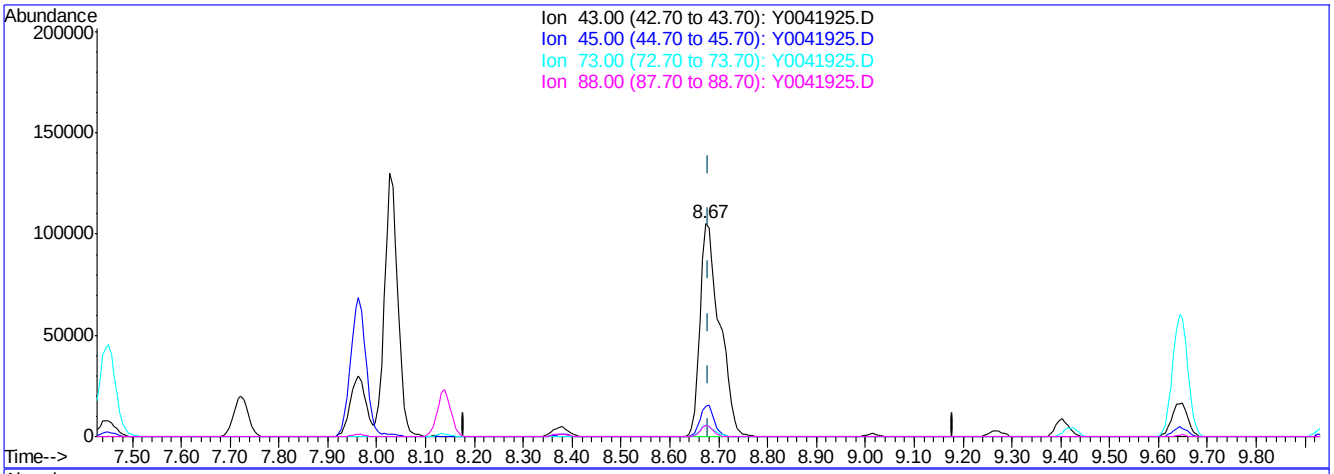


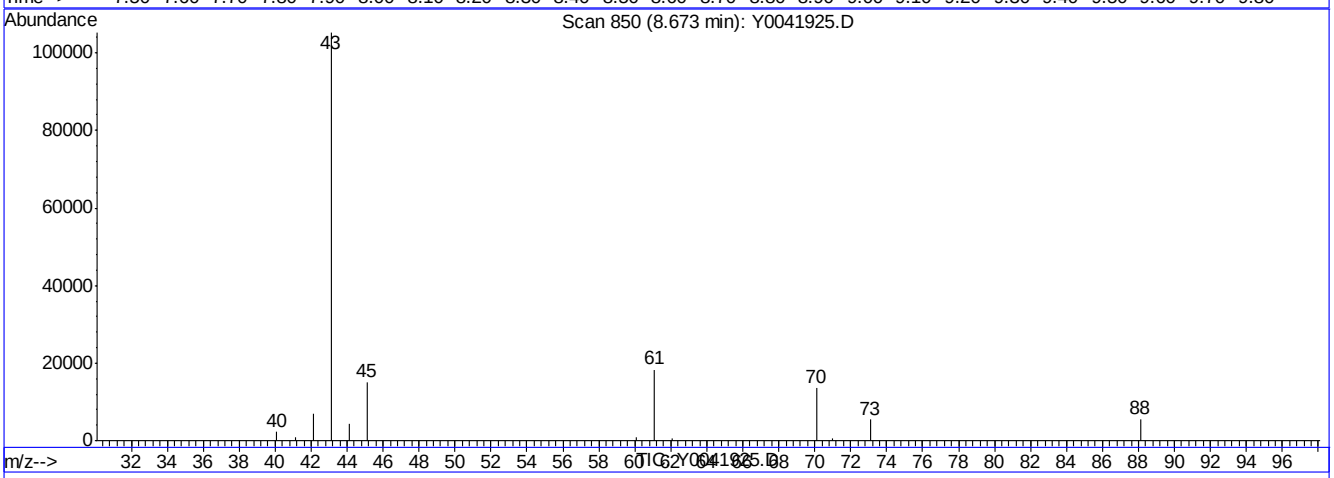
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:58 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 108.57ug/kg

response 291380

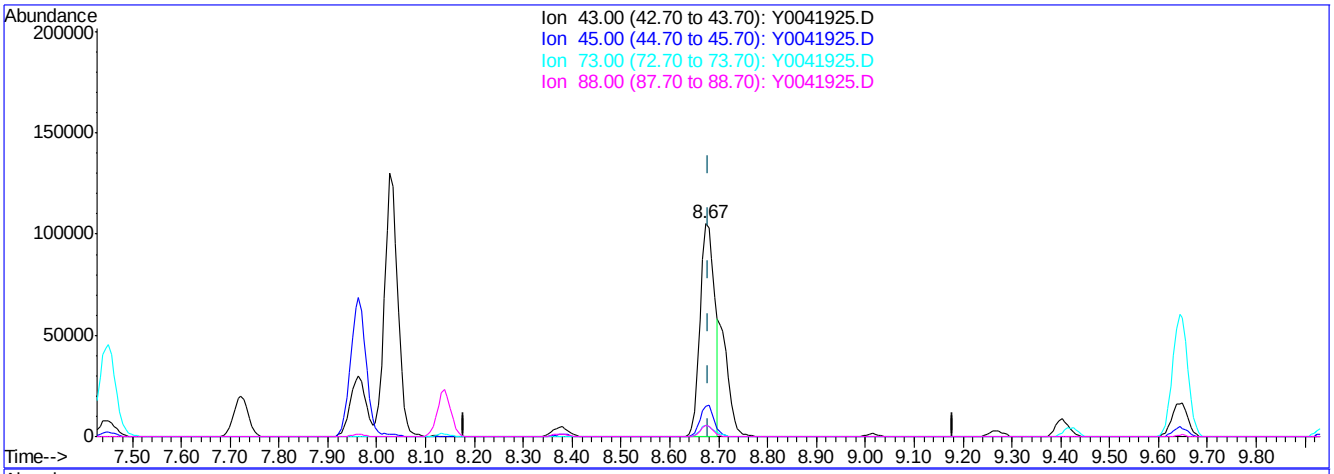
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.32
73.00	4.50	5.10
88.00	4.50	5.28

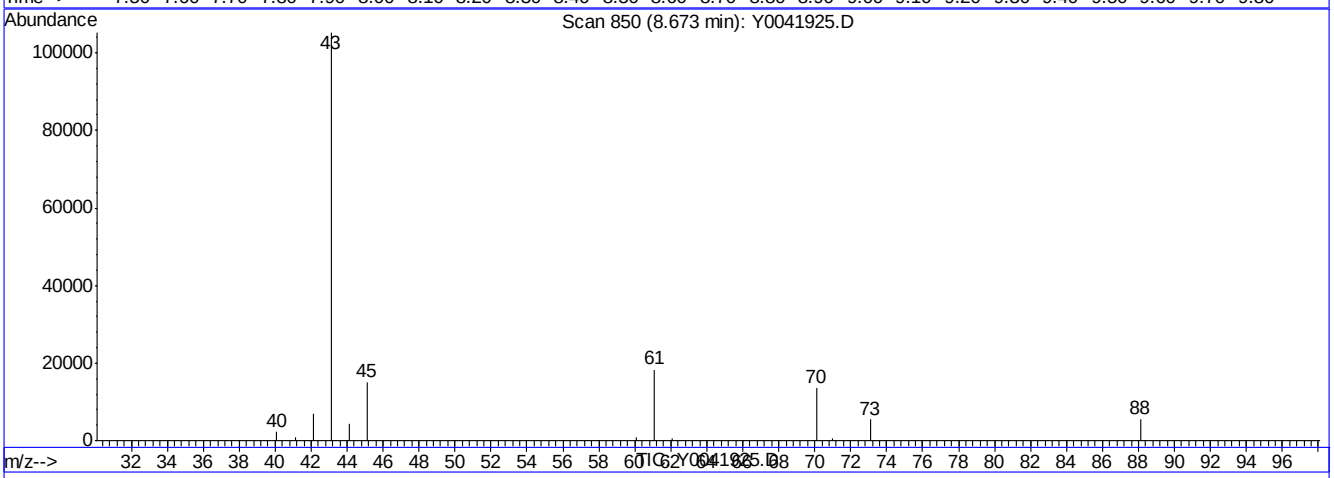
Y0041925.D VY2583AP9.M Tue Sep 07 11:58:56 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(31) Ethyl Acetate

8.67min (-0.006) 80.75ug/kg m

response 216703

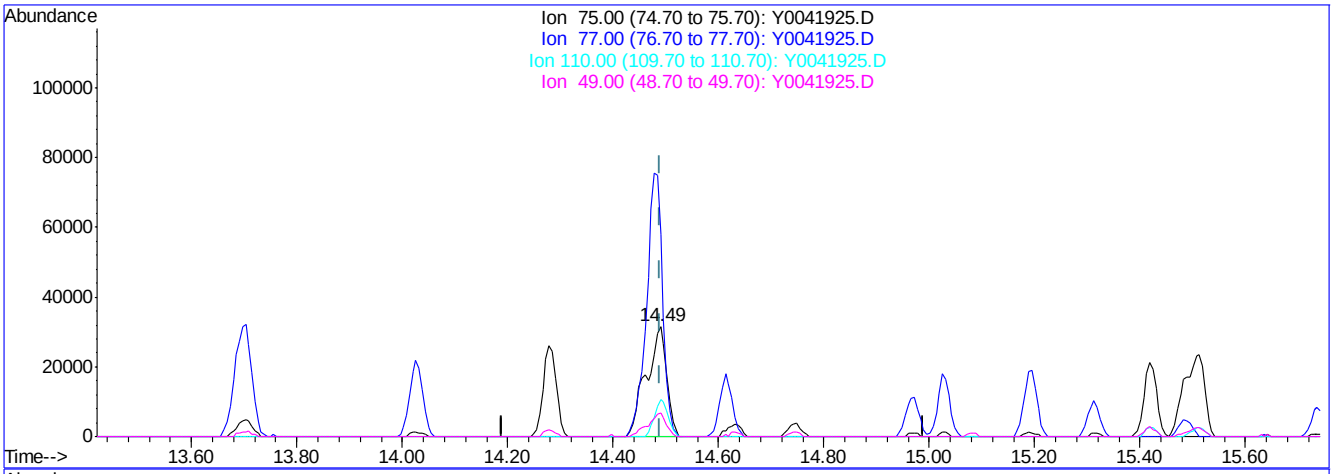
Ion	Exp%	Act%
43.00	100	100
45.00	14.20	14.32
73.00	4.50	5.10
88.00	4.50	5.28

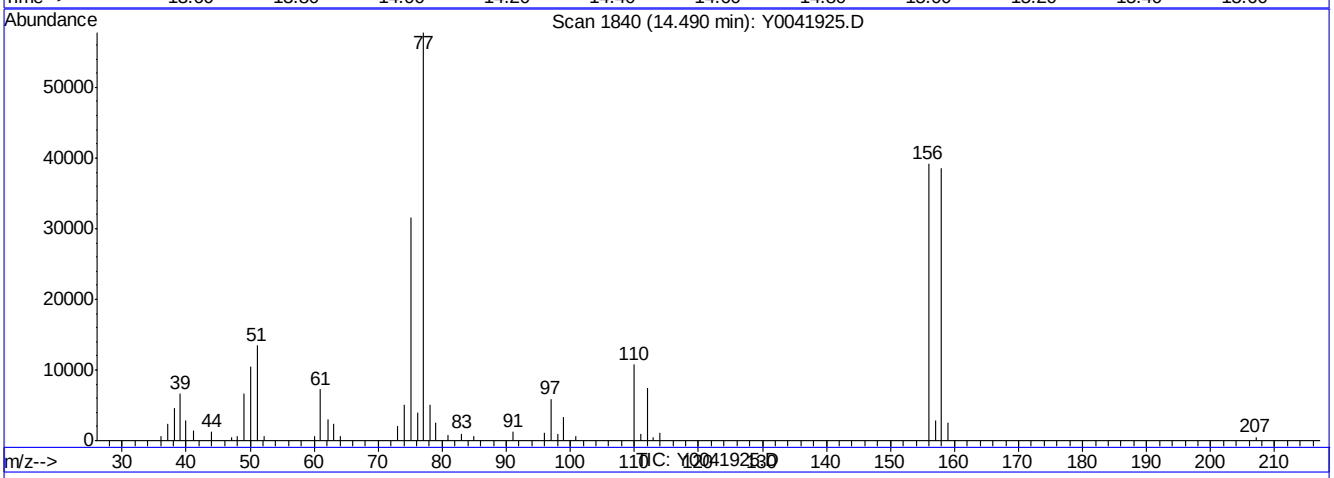
Y0041925.D VY2583AP9.M Tue Sep 07 11:59:04 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 27.13ug/kg

response 84712

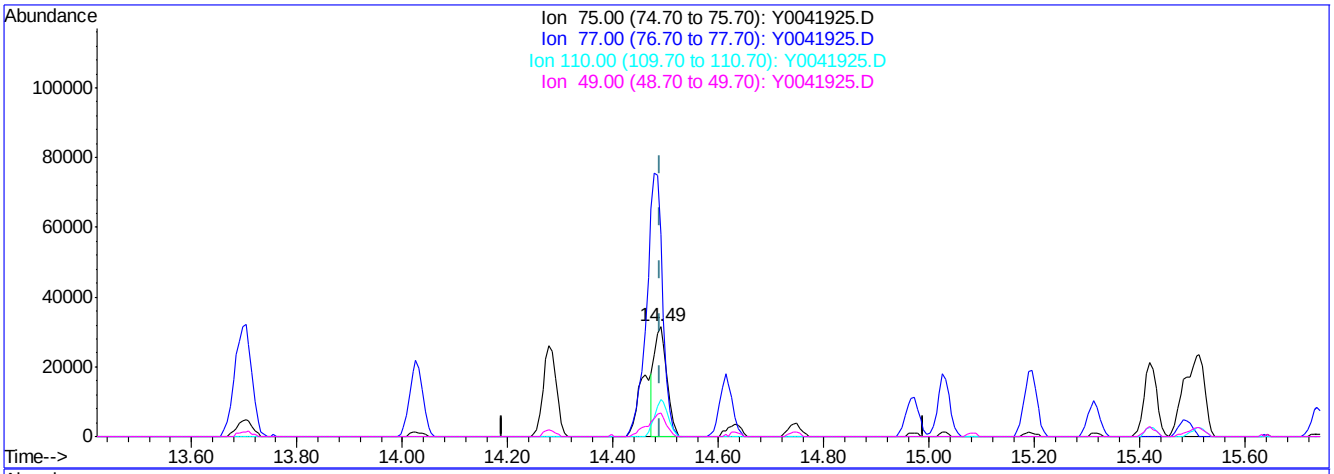
Ion	Exp%	Act%
75.00	100	100
77.00	180.80	183.22
110.00	34.20	34.04
49.00	22.90	21.27

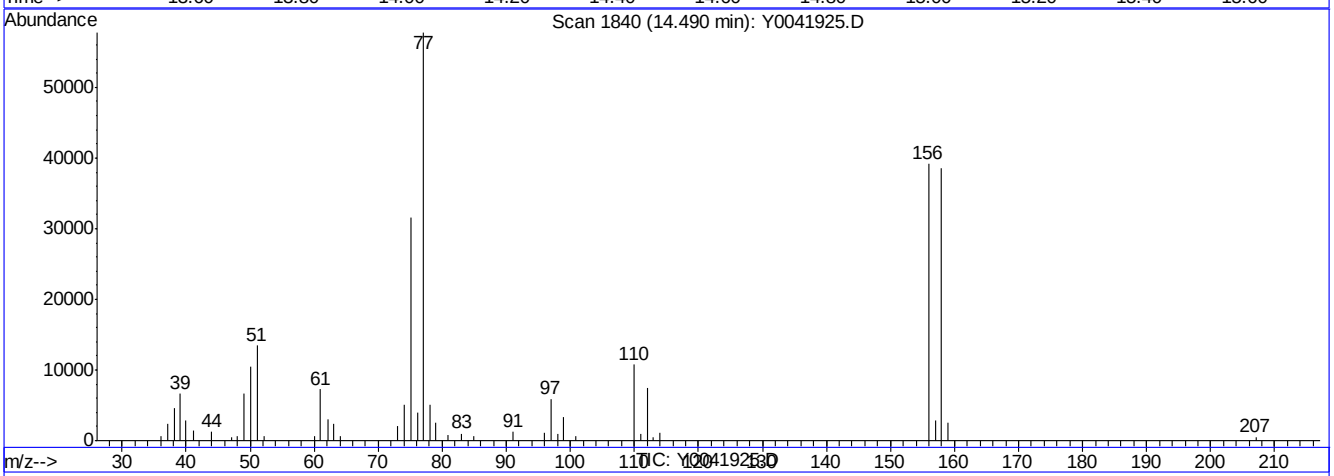
Y0041925.D VY2583AP9.M Tue Sep 07 11:59:10 2010

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\VY2602\Y0041925.D Vial: 2
Acq On : 7 Sep 2010 7:02 am Operator: fayzai
Sample : cc2583-20 Inst : GCMS_Y
Misc : ms8361,vy2602,5.,,,5,,soil Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 7 11:59 2010 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\VY2583AP9.M (RTE Integrator)
Title : SW846 8260B and EPA 624
Last Update : Mon Aug 30 06:33:57 2010
Response via : Multiple Level Calibration





(89) 1,2,3-Trichloropropane ( )

14.49min (-0.000) 16.38ug/kg m

response 51154

Ion	Exp%	Act%
75.00	100	100
77.00	180.80	183.22
110.00	34.20	34.04
49.00	22.90	21.27

Y0041925.D VY2583AP9.M Tue Sep 07 11:59:17 2010

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-112

Date: 9/7/10 - 9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB MV4715
B	Internal Standard MV4738
C	8260 Standard MV4731, 4732, 4733
D	8260 BS/MS/MSD MV4742, 4743, 4744, 4745
E	Surrogate Standard MV4739
F	GRO Marker N/A
G	GRO Standard
H	GRO LCS

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method 1677
Calibration Date: 8/17/10

Solvent ID #: RV100727

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	E001673	BFB	5	8260	W	N/A	1	N/A	N/A	N/A	Y	40mL/40mL	JL
BC	74	CC7720										10µL/50mL	
BRE	75	BS										12.5µL/40mL	
BE	76	MB											
	77	OP5935-LB			TCLP			10X				5mL/50mL	
	78	OP5928-LB											
	79	OP5941-LB											
	80	T59297-1											
BRE	81	1MS										12.5µL/40mL	
	82	1MSD											
BE	83	T59309-5			W			X	2				
	84	6							2				
	85	1							15				
	86	2							15				
BRE	87	2MS							14			12.5µL/40mL	
	88	2MSD							14				
BE	89	T59310-1			TCLP	N/A		10X	N/A			5mL/50mL	
BRE	90	1MS										12.5µL/40mL	
	91	BLK ~~1MSD~~										clean purge blk Autosampler stopped - fixed	
BE	92	~~T59308-7~~					70					12.5µL/40mL	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

JL 9/7/10 T59310-1MSD

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

See pg 16

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
RE	E001683	T59308-3	5	8260	TCLP	N/A	21	10x	N/A	N/A	Y	5ml/50ml	JL
	94												
	95	T59091-1											
	96	T59094-1											
	97	T59095-1											
	98	T59096-1											
	99	OP1595-LB											
	100	T59310-2											
	1	T59116-1											

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015.rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature: [signature]

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:

SW-846/EPA Method: 8260B/624

Initial Cal. Method

Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

[signature]

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	E00093	T59308-2	5	8240	TCLP	N/A	21	1X	N/A	N/A	Y	5mL/50mL	JL
	94	3											
	95	1											
	96	T59091-1											
	97	T59094-1											
	98	T59095-1											
	99	T59096-1											
	100	OP15951-LB											
	1	T59310-2											
	2	T59116-1											
	3	BLK			W			N/A				Cleanup blk	
	4	BLK										↓	
A	5	BFB										40µL/40mL	
BC	6	CC7740										20µL/50mL	
BDE	7	BS										12.5µL/40mL	
BE	8	MB											
	9	OP17953-LB			TCLP			1X				5mL/50mL	
	10	T59311-5			W			N/A	1				
	11	6							1				
	12	T59312-3					40		1				

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015 rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

JL 9/7/10

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	0017 13	T59312-4	5	8260	W		41	1X	1	N/A	Y		
	14	2							9				
BDE	15	2MS							10			12.5µL/40mL	
	16	2MSD							10				
BE	17	T59311-3							13				
	18	4							13				
	19	T58538-32			SPLP	N/A		10X	N/A				
	20	T58706-52										KK 25X Toluene	
BDE	21	5MS										12.5µL/40mL	
	22	5MSD					50						
BE	23	T58706-52					512.5X					2mL/50mL	
	JL 9/8/10												

JL 9/7/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE109-112

Date: 9/7/10 - 9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB MV4715
B	Internal Standard MV4738
C	8260 Standard MV4731, 4732, 4733
D	8260 BS/MS/MSD MV4742, 4743, 4744, 4745
E	Surrogate Standard MV4739
F	GRO Marker N/A
G	GRO Standard
H	GRO LCS

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method 1677
Calibration Date: 8/17/10

Solvent ID #: RV100727

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	E001673	BFB	5	8260	W	NA	1	NA	NA	NA	Y	40mL/40mL	JL
BC	74	CC7720										10µL/50mL	
BRE	75	BS										12.5µL/40mL	
BE	76	MB											
	77	OP5935-LB			TCLP			10X				5mL/50mL	
	78	OP5928-LB											
	79	OP5941-LB											
	80	T59297-1											
BRE	81	1MS										12.5µL/40mL	
	82	1MSD											
BE	83	T59309-5			W			X	2				
	84	6							2				
	85	1							15				
	86	2							15				
BRE	87	2MS							14			12.5µL/40mL	
	88	2MSD							14				
BE	89	T59310-1			TCLP	NA		10X	NA			5mL/50mL	
BRE	90	1MS										12.5µL/40mL	
	91	BLK										Clean up blk - autoconfirmed stopped - [illegible]	
BE	92	~~T59308-7~~					70					12.5µL/40mL	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

JL 9/7/10 T59310-1MSD

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

See pg 16

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
RE	E001683	T59308-3	5	8260	TCLP	N/A	21	10x	N/A	N/A	Y	5ml/50ml	JL
	94	1											
	95	T59091-1											
	96	T59094-1											
	97	T59095-1											
	98	T59096-1											
	99	OP1595-LB											
	100	T59310-2											
	1	T59116-1											

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015.rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature: [signature]

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:

SW-846/EPA Method: 8260B/624

Initial Cal. Method

Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

[signature]

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	E00193	T59308-2	5	8240	TCLP	N/A	Z1	1X	N/A	N/A	Y	5mL/50mL	JL
	94	3											
	95	1											
	96	T59091-1											
	97	T59094-1											
	98	T59095-1											
	99	T59096-1											
	100	OP15951-LB											
	1	T59310-2											
	2	T59116-1											
	3	BLK			W			N/A				Cleanup blk	
	4	BLK										↓	
A	5	BFB										40µL/40mL	
BC	6	CC7740										20µL/50mL	
BDE	7	BS										12.5µL/40mL	
BE	8	MB											
	9	OP17753-LB			TCLP			1X				5mL/50mL	
	10	T59311-5			W			N/A	1				
	11	6							1				
	12	T59312-3					40		1				

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015 rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

JL 9/7/10

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	0017 13	T59312-4	5	8260	W		41	1X	1	N/A	Y		
	14	2							9				
BDE	15	2MS							10			12.5µL/40mL	
	16	2MSD							10				
BE	17	T59311-3							13				
	18	4							13				
	19	T58538-32			SPLP	N/A		10X	N/A				
	20	T58706-52										KK 25X Toluene	
BDE	21	5MS										12.5µL/40mL	
	22	5MSD					50						
BE	23	T58706-52					512.5X					2mL/50mL	
	JL 9/8/10												

JL 9/7/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE110-112

Date: 9/7/10 - 9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB MV4715
B	Internal Standard MV4738
C	8260 Standard MV4731, 4732, 4733
D	8260 BS/MS/MSD MV4742, 4743, 4744, 4745
E	Surrogate Standard MV4739
F	GRO Marker N/A
G	GRO Standard
H	GRO LCS

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method 1677
Calibration Date: 8/17/10

Solvent ID #: RV100727

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	E001673	BFB	5	8260	W	NA	1	NA	NA	NA	Y	40mL/40mL	JL
BC	74	CC7720										10µL/50mL	
BRE	75	BS										12.5µL/40mL	
BE	76	MB											
	77	OP5935-LB			TCLP			10X				5mL/50mL	
	78	OP5928-LB											
	79	OP5941-LB											
	80	T59297-1											
BRE	81	1MS										12.5µL/40mL	
	82	1MSD											
BE	83	T59309-5			W			X	2				
	84	6							2				
	85	1							15				
	86	2							15				
BRE	87	2MS							14			12.5µL/40mL	
	88	2MSD							14				
BE	89	T59310-1			TCLP	NA		10X	NA			5mL/50mL	
BRE	90	1MS										12.5µL/40mL	
	91	BLK										Clean purge blk - autoconfigured stopped at 9 min	
BE	92	~~T59308-7~~					70					12.5µL/40mL	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

JL 9/7/10 T59310-1MSD

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

See pg 16

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
RE	E001683	T59308-3	5	8260	TCLP	N/A	21	10x	N/A	N/A	Y	5ml/50ml	JL
	94												
	95	T59091-1											
	96	T59094-1											
	97	T59095-1											
	98	T59096-1											
	99	OP1595-LB											
	100	T59310-2											
	1	T59116-1											

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015.rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature: [signature]

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:

SW-846/EPA Method: 8260B/624

Initial Cal. Method

Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

[signature]

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	E00093	T59308-2	5	8240	TCLP	N/A	Z1	1X	N/A	N/A	Y	5mL/50mL	JL
	94	3											
	95	1											
	96	T59091-1											
	97	T59094-1											
	98	T59095-1											
	99	T59096-1											
	100	OP15951-LB											
	1	T59310-2											
	2	T59116-1											
	3	BLK			W			N/A				Cleanup blk	
	4	BLK										↓	
A	5	BFB										40µL/40mL	
BC	6	CC7740										20µL/50mL	
BDE	7	BS										125µL/40mL	
BE	8	MB											
	9	OP17953-LB			TCLP			1X				5mL/50mL	
	10	T59311-5			W			N/A	1				
	11	6							1				
	12	T59312-3					40		1				

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015 rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VE108-VE112

Date: 9/7/10-9/8/10

Analyst Signature:

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

See pg 16

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #:

Solvent: Methanol

See pg 16

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

JL 9/7/10

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
BE	0017 13	T59312-4	5	8260	W		41	1X	1	N/A	Y		
	14	2							9				
BDE	15	2MS							10			12.5µL/40mL	
	16	2MSD							10				
BE	17	T59311-3							13				
	18	4							13				
	19	T58538-32			SPLP	N/A		10X	N/A				
	20	T58706-52										KK 25X Toluene	
BDE	21	3MS										12.5µL/40mL	
	22	3MSD					50						
BE	23	T58706-52					5125X					2mL/50mL	
	JL 9/8/10												

JL 9/7/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015,rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VE076 - 079

Date: 8/17/10

Analyst Signature: Michael Hurley

Standard Data

Ref #	Description
A	BFB MV4675
B	Internal Standard MV4676 / ~~MV4689~~ MV4690 MH 8/17/10
C	8260 Standard MV4680/81/82 MV4689/91
D	8260 BS/MS/MSD MV4685/83/79/84
E	Surrogate Standard MV4679
F	GRO Marker NA
G	GRO Standard ↓
H	GRO LCS ↓

Columns: DB 624

SW-846/EPA Method: 8260B/624

Initial Cal. Method IC61 IC77

Calibration Date: 8/4/10 8/17/10

Solvent ID #: RV100727

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	E0001242	BFB	5mL	8260	w	NA	1	NA	NA	NA	y	40µL/40mL	MH
B,C	43	CC61-20										10µL/50mL failed low vinyl chloride	
	44	-40										20µL/50mL failed low purge flow - 37.8	
	45	-20										10µL/50mL failed low new gas STD - MV4689	
B,E	46	Blank										clean up blank	
A	47	BFB ~~CC61-40~~ MH 8/17/10										40µL/40mL	
B,C	48	CC61-40										20µL/50mL failed low new internal STD - MV4690	changed FBI
A	49	BFB										40µL/40mL ↓ recalibrate	
	50	BFB										↓	
B,C	51	IC77-1										1µL/100mL * see reverse	
	52	-2										2µL/100mL	
	53	-5										5µL/100mL	
	54	-20										10µL/50mL	
	55	ICC77-40										20µL/50mL	
	56	IC77-70										35µL/50mL	
	57	-100										50µL/50mL	
	58	-200										100µL/50mL	
B,E	59	BLK										clean up blank	
B,D,E	60	ICV77-40										25µL/50mL	
	61	BS					20					12.5µL/~~5~~ 40mL MH 8/17/10	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VE076-079

Date: 8/17/10

Analyst Signature: Michael Hunday

Standard Data

Ref #	Description
A	BFB
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

see pg. 84

Columns: DB 624

SW-846/EPA Method: 8260B/624

Initial Cal. Method

Calibration Date:

Solvent ID #:

see pg 84

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
B,E	E0001262	MB	5mL	8260	W	NA	21	NA	NA	NA	Y		MH
	63	TS8139-2				<2		1x	13				
B,D,E	64	-2MS							10			12.5µL/40mL	
	65	-2MSD							10				
B,E	66	-3							2				
	67	-4							2				
	68	OP15699-LB			TCLP	NA		10x	NA			5mL/50mL	
	69	OP15708-LB										rr 10x	
	70	TS7673-2											
B,D,E	71	-2MS										12.5µL/40mL	
	72	-2MSD											
B,E	73	TS7766-2											
	74	TS8074-2					33						

MH 8/17/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VY2583/84

Date: 8/18/10 8/19/10

Analyst Signature: FAYR

Standard Data

Ref #	Description
A	BFB MV4675
B	Internal Standard MV4686
C	8260 Standard MV4691/8/89/92
D	8260 BS/MS/MSD MV4685/83/79/84
E	Surrogate Standard MV4671
F	GRO Marker NA
G	GRO Standard
H	GRO LCS

Columns: Rtx-624

SW-846/EPA Method: 8260B/624

Initial Cal. Method IC2583

Calibration Date: 8/18/10

Solvent ID #: RV100521

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	Y0041488	bfb	5	8260	S	N/A	1	N/A	N/A	N/A	Y	5µl/5ml	G
B/C	89	ic2583-4										4µl/100ml	
	90	-10										5µl/50ml	
	91	-20										5µl/25ml	
	92	icc2583-40										10µl/25ml	
	93	ic2583-70										17.5µl/25ml	
	94	-100										25µl/25ml	
	95	-200										50µl/25ml	
B/E	96	blk										cleanup blk	
B/D/E	97	icv2583-40										12.5µl/25ml	
	98	bs										15.6µl/25ml	
B/E	99	mb						50X		Y		100µl/5ml	
	500	mb						N/A		N/A			
	01	blk											
	02	T58107-8	5.98					1X					
B/D/E	03	-8ms	5.18									15.6µl/25ml	
	04	-8msd	5.08										
B/E	05	T58107-9	5.29									IS(1,2,12) out of for CF	
	06	-10	5.84										
	07	-11	5.09				20						

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VY2583 | 84

Date: 8/18/10 8/19/10

Analyst Signature: F A/2A

Standard Data

Ref #	Description
A	BFB Seq 9 88
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

Columns: Rtx-624
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:
Solvent ID #: Seq 9 88
Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
B/G	Y0041508	T58107-12	5.02	8260	S	N/A	21	1X	N/A	N/A	Y		FA
	09	-13	5.15										
	10	T57956-1	5.09										
	11	T58076-1	5.12										
	12	-3	5.64										
	13	blk	5					N/A				clean up blk	
A	14	bfb										15 µl/5mL	
B/C	15	CC2583-40										10 µl/25mL failed low in VICB	
B/D/E	16	bs										15.6 µl/25mL	1,4-Dich
B/E	17	blk										clean up blk FA 8/19/10 No data reported	
	18	mb						50X		Y		from 2nd time	
	19	mb						N/A		N/A			
	20	T57973-17						1X					
	21	-1	5.29										
B/D/E	22	-1ms	5.73									15.6 µl/25mL	
	23	-1msd	5.06										
B/E	24	T57973.2	5.23										
	25	-3	5.16										
	26	-4	5.05										
	27	-5	5.07				40						

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS:
Batch ID: VY2583 | 84

Date: 8/18/10 8/19/10

Analyst Signature: FAYZA

Standard Data

Ref #	Description
A	BFB see pg 88
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

Columns: Rtx-624
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:

Solvent ID #: see pg 88

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
B16	Y0041528	T57973-6	5.81	8260	S	N/A	41	1X	N/A	N/A	Y	not reported	FI
	29	-7	5.23										
	30	-8	5.05										
	31	-9	5.13				44						

FI 8/18/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VY2602/03

Date: 8/7/10

Analyst Signature: FAYZA

Standard Data

Ref #	Description
A	BFB mV4715
B	Internal Standard mV4736
C	8260 Standard mV4731/32/33
D	8260 BS/MS/MSD mV4742/43/44/45
E	Surrogate Standard mV4741
F	GRO Marker NA
G	GRO Standard ↓
H	GRO LCS ↓

Columns:

SW-846/EPA Method: 8260B/624

Initial Cal. Method TC2583

Calibration Date: 8/18/10

Solvent ID #: RV100727

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	Y0041924	bfb	5	8260	S	N/A	1	N/A	N/A	N/A	Y	15µl/5mL	FI
B/C	25	CC2583-20										5µl/25mL	
B/D/E	26	bs										15.6µl/25mL	
B/E	27	mb						50X		Y		100µl/5mL	
	28	mb						N/A		N/A			
	29	T59309-3	5.27					1X					
	30	↓ -4	5.90					↓					
	31	T59242-6	5.33					200X		Y			
↓	32	↓ -7	5.07					↓		↓			
B/D/E	33	T59309-4ms	5.61					1X		N/A		15.6µl/25mL	
↓	34	↓ -4msd	5.53					↓				↓	
B/E	35	blk	5					N/A				clean w/ blk	
	36	T59126-14	5					1X					
	37	T59309-4	5.23										
	38	T59084-6	5.40										
	39	T59126-9	5.21										
	40	T58850-1	5.31					50X		Y		rerun 1X / 100µl/5mL	
	41	↓ -6	5.26					↓		↓		↓	
	42	-8	5.33										
↓	43	↓ -10	5.03				2.0	↓		↓		↓	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015 rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____
Batch ID: VY2602/03

Date: 9/7/10

Analyst Signature: FA/ZA

Standard Data

Ref #	Description
A	BFB see Pg 23
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

Columns:
SW-846/EPA Method: 8260B/624
Initial Cal. Method
Calibration Date:
Solvent ID #: see Pg 23
Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
B/E	Y0041444	T58850-14r	5.20	8260	S	N/A	21	50X	N/A	Y	Y	100ul/5ml	FA
	45	-6r	5.02					1X		N/A		rrat 1X due to c/o	
	46	-1r	5.06					1X					
	47	-8r	5.13					1X					
	48	-10r	5.05					1X					
	49	blk	5					N/A				clean up blk	
	50	blk											
	51	blk											
A	52	bfb										15ul/5ml	
B/C	53	cr2583-40										10ul/25ml BTX only	
B/D/E	54	bs										15.6ul/25ml	
B/E	55	mb						50X		Y		100ul/5ml	
	56	mb						N/A		N/A			
	57	T59243-15	5					1X					
	58	T58850-6r	5.19										
	59	T59243-1	2.03										
	60	-2	3.95										
B/D/E	61	-2ms	4.90									15.6ul/25ml	
	62	-2msd	4.15										
B/E	63	T59243-7	5.71				40						

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015.rev 1

ACCUTEST

GC/MS VOLATILE ANALYSIS LOG

Batch MS: _____

Batch ID: VY2602/03

Date: 9/7/10

Analyst Signature: FAYZA

Standard Data

Ref #	Description
A	BFB See Pg 23
B	Internal Standard
C	8260 Standard
D	8260 BS/MS/MSD
E	Surrogate Standard
F	GRO Marker
G	GRO Standard
H	GRO LCS

Columns:

SW-846/EPA Method: 8260B/624

Initial Cal. Method

Calibration Date:

Solvent ID #: See Pg 23

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
B/6	Y0041964	T59243-8	3.44	8260	S	N/A	41	1X	N/A	N/A	Y		FA
	65	-9	4.29										
	66	-10	4.12									rrat 5000X	
	67	-11	5.28									↓	
	68	-12	5.85									rrat 1X due to c/o	
	69	-13	3.93									↓	
	70	-6	4.58					50X		Y		10 ml/5ml | rrat 50X & 500X	
	71	blk	5					N/A		N/A		clean up blk	
	72	blk	↓					↓		↓		↓	
	73	blk	↓				50	↓		↓		↓	

FA 9/8/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

Form: MS015 rev 1

Gulf Coast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-MB	P13204.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	10	5.0	ug/l	
95-57-8	2-Chlorophenol	ND	5.0	1.2	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.2	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.0	2.2	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.3	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	15	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	ug/l	
95-48-7	2-Methylphenol	ND	5.0	0.83	ug/l	
	3&4-Methylphenol	ND	5.0	1.6	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	6.7	ug/l	
87-86-5	Pentachlorophenol	ND	25	13	ug/l	
108-95-2	Phenol	ND	5.0	0.75	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.2	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.1	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	1.4	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	1.6	ug/l	
100-51-6	Benzyl Alcohol	ND	5.0	1.3	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	1.4	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	4.3	ug/l	
86-74-8	Carbazole	ND	5.0	1.5	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	1.3	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	1.3	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	2.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	1.3	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.3	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.3	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.4	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.0	1.3	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	3.2	ug/l	
132-64-9	Dibenzofuran	ND	5.0	1.3	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	1.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	1.3	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	1.1	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	1.1	ug/l	

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-MB	P13204.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	Result	RL	MDL	Units	Q
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.0	1.8	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	1.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.1	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	5.2	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.97	ug/l	
78-59-1	Isophorone	ND	5.0	1.2	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	1.4	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	3.3	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	2.3	ug/l	
98-95-3	Nitrobenzene	ND	5.0	1.7	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	1.4	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	1.7	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.3	ug/l	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	33%	10-66%
4165-62-2	Phenol-d5	25%	10-53%
118-79-6	2,4,6-Tribromophenol	66%	32-128%
4165-60-0	Nitrobenzene-d5	64%	29-115%
321-60-8	2-Fluorobiphenyl	61%	34-113%
1718-51-0	Terphenyl-d14	66%	12-145%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-MB	J155072.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	63	ug/kg	
95-57-8	2-Chlorophenol	ND	170	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	30	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	67	ug/kg	
95-48-7	2-Methylphenol	ND	170	31	ug/kg	
	3&4-Methylphenol	ND	170	93	ug/kg	
88-75-5	2-Nitrophenol	ND	170	38	ug/kg	
100-02-7	4-Nitrophenol	ND	830	410	ug/kg	
87-86-5	Pentachlorophenol	ND	830	68	ug/kg	
108-95-2	Phenol	ND	170	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	52	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	170	45	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	36	ug/kg	
106-47-8	4-Chloroaniline	ND	170	120	ug/kg	
86-74-8	Carbazole	ND	170	31	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	35	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	40	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	54	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	28	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	170	62	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	45	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	72	ug/kg	
132-64-9	Dibenzofuran	ND	170	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	170	45	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	170	39	ug/kg	
84-66-2	Diethyl phthalate	ND	170	41	ug/kg	
131-11-3	Dimethyl phthalate	ND	170	48	ug/kg	

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-MB	J155072.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
117-81-7	bis(2-Ethylhexyl)phthalate	ND	170	71	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	47	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	830	280	ug/kg	
67-72-1	Hexachloroethane	ND	170	43	ug/kg	
78-59-1	Isophorone	ND	170	36	ug/kg	
88-74-4	2-Nitroaniline	ND	170	62	ug/kg	
99-09-2	3-Nitroaniline	ND	170	67	ug/kg	
100-01-6	4-Nitroaniline	ND	170	89	ug/kg	
98-95-3	Nitrobenzene	ND	170	27	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	42	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	43	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	55%	26-124%
4165-62-2	Phenol-d5	63%	19-106%
118-79-6	2,4,6-Tribromophenol	68%	18-129%
4165-60-0	Nitrobenzene-d5	65%	18-104%
321-60-8	2-Fluorobiphenyl	74%	21-114%
1718-51-0	Terphenyl-d14	91%	24-149%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15936-MB	V1384.D	1	09/07/10	MK	09/06/10	OP15936	EV81

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

T59309-1, T59309-2

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.20	0.042	ug/l	
208-96-8	Acenaphthylene	ND	0.20	0.072	ug/l	
120-12-7	Anthracene	ND	0.20	0.054	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.20	0.041	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.20	0.064	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.060	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.068	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.056	ug/l	
218-01-9	Chrysene	ND	0.20	0.044	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.060	ug/l	
206-44-0	Fluoranthene	ND	0.20	0.046	ug/l	
86-73-7	Fluorene	ND	0.20	0.064	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.061	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	0.12	ug/l	
91-20-3	Naphthalene	ND	0.20	0.075	ug/l	
85-01-8	Phenanthrene	ND	0.20	0.075	ug/l	
129-00-0	Pyrene	ND	0.20	0.079	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	77%	17-131%
321-60-8	2-Fluorobiphenyl	84%	15-137%
1718-51-0	Terphenyl-d14	116%	10-160%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15933-MB	V1386.D	1	09/07/10	MK	09/06/10	OP15933	EV81

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	6.7	1.1	ug/kg	
208-96-8	Acenaphthylene	ND	6.7	2.3	ug/kg	
120-12-7	Anthracene	ND	6.7	1.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	6.7	1.1	ug/kg	
50-32-8	Benzo(a)pyrene	ND	6.7	3.6	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	6.7	3.5	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	6.7	6.7	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	6.7	4.3	ug/kg	
218-01-9	Chrysene	ND	6.7	1.6	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	6.7	6.4	ug/kg	
206-44-0	Fluoranthene	ND	6.7	1.5	ug/kg	
86-73-7	Fluorene	ND	6.7	2.4	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	6.7	5.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	6.7	1.2	ug/kg	
91-20-3	Naphthalene	ND	6.7	1.0	ug/kg	
85-01-8	Phenanthrene	ND	6.7	0.93	ug/kg	
129-00-0	Pyrene	ND	6.7	2.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	66%	10-127%
321-60-8	2-Fluorobiphenyl	59%	11-133%
1718-51-0	Terphenyl-d14	86%	15-187%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-BS	P13205.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
65-85-0	Benzoic Acid	50	28.8	58	10-68
95-57-8	2-Chlorophenol	50	29.5	59	39-93
59-50-7	4-Chloro-3-methyl phenol	50	32.2	64	43-109
120-83-2	2,4-Dichlorophenol	50	33.4	67	42-106
105-67-9	2,4-Dimethylphenol	50	30.3	61	27-87
51-28-5	2,4-Dinitrophenol	50	33.3	67	43-107
534-52-1	4,6-Dinitro-o-cresol	50	38.2	76	47-112
95-48-7	2-Methylphenol	50	25.4	51	25-84
	3&4-Methylphenol	100	44.7	45	25-77
88-75-5	2-Nitrophenol	50	33.7	67	38-96
100-02-7	4-Nitrophenol	50	15.1	30	13-70
87-86-5	Pentachlorophenol	50	38.9	78	46-153
108-95-2	Phenol	50	14.0	28	10-53
95-95-4	2,4,5-Trichlorophenol	50	39.4	79	40-101
88-06-2	2,4,6-Trichlorophenol	50	36.8	74	41-102
101-55-3	4-Bromophenyl phenyl ether	50	34.6	69	56-99
85-68-7	Butyl benzyl phthalate	50	35.8	72	52-125
100-51-6	Benzyl Alcohol	50	26.2	52	28-83
91-58-7	2-Chloronaphthalene	50	33.4	67	42-97
106-47-8	4-Chloroaniline	50	26.5	53	37-128
86-74-8	Carbazole	50	33.4	67	59-142
111-91-1	bis(2-Chloroethoxy)methane	50	29.7	59	38-96
111-44-4	bis(2-Chloroethyl)ether	50	29.9	60	37-91
108-60-1	bis(2-Chloroisopropyl)ether	50	26.2	52	36-102
7005-72-3	4-Chlorophenyl phenyl ether	50	34.4	69	48-101
95-50-1	1,2-Dichlorobenzene	50	25.9	52	33-86
541-73-1	1,3-Dichlorobenzene	50	24.9	50	21-88
106-46-7	1,4-Dichlorobenzene	50	24.1	48	31-86
121-14-2	2,4-Dinitrotoluene	50	35.7	71	55-112
606-20-2	2,6-Dinitrotoluene	50	35.0	70	57-105
91-94-1	3,3'-Dichlorobenzidine	50	25.7	51	50-142
132-64-9	Dibenzofuran	50	33.4	67	45-99
84-74-2	Di-n-butyl phthalate	50	33.2	66	64-114
117-84-0	Di-n-octyl phthalate	50	28.2	56	55-118
84-66-2	Diethyl phthalate	50	31.3	63	52-113
131-11-3	Dimethyl phthalate	50	35.1	70	38-112

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-BS	P13205.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
117-81-7	bis(2-Ethylhexyl)phthalate	50	36.4	73	56-131
118-74-1	Hexachlorobenzene	50	35.6	71	62-102
87-68-3	Hexachlorobutadiene	50	28.3	57	37-91
77-47-4	Hexachlorocyclopentadiene	50	49.5	99	23-102
67-72-1	Hexachloroethane	50	24.8	50	33-86
78-59-1	Isophorone	50	32.8	66	42-105
88-74-4	2-Nitroaniline	50	35.0	70	49-109
99-09-2	3-Nitroaniline	50	29.8	60	46-139
100-01-6	4-Nitroaniline	50	40.0	80	73-174
98-95-3	Nitrobenzene	50	32.2	64	42-97
621-64-7	N-Nitroso-di-n-propylamine	50	32.9	66	42-102
86-30-6	N-Nitrosodiphenylamine	50	33.6	67	64-119
120-82-1	1,2,4-Trichlorobenzene	50	27.5	55	37-88

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	38%	10-66%
4165-62-2	Phenol-d5	27%	10-53%
118-79-6	2,4,6-Tribromophenol	76%	32-128%
4165-60-0	Nitrobenzene-d5	65%	29-115%
321-60-8	2-Fluorobiphenyl	64%	34-113%
1718-51-0	Terphenyl-d14	70%	12-145%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-BS	J155073.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	1670	1530	92	36-112
95-57-8	2-Chlorophenol	1670	1080	65	56-96
59-50-7	4-Chloro-3-methyl phenol	1670	1230	74	50-114
120-83-2	2,4-Dichlorophenol	1670	1220	73	46-110
105-67-9	2,4-Dimethylphenol	1670	947	57	40-111
51-28-5	2,4-Dinitrophenol	1670	1240	74	47-117
534-52-1	4,6-Dinitro-o-cresol	1670	1440	86	50-111
95-48-7	2-Methylphenol	1670	1100	66	57-99
	3&4-Methylphenol	3330	2060	62	59-100
88-75-5	2-Nitrophenol	1670	1200	72	56-97
100-02-7	4-Nitrophenol	1670	1320	79	60-116
87-86-5	Pentachlorophenol	1670	1430	86	57-153
108-95-2	Phenol	1670	1080	65	56-97
95-95-4	2,4,5-Trichlorophenol	1670	1380	83	62-104
88-06-2	2,4,6-Trichlorophenol	1670	1290	77	62-104
101-55-3	4-Bromophenyl phenyl ether	1670	1350	81	58-108
85-68-7	Butyl benzyl phthalate	1670	1530	92	56-121
100-51-6	Benzyl Alcohol	1670	1150	69	44-108
91-58-7	2-Chloronaphthalene	1670	1100	66	61-100
106-47-8	4-Chloroaniline	1670	607	36	30-101
86-74-8	Carbazole	1670	1230	74	61-146
111-91-1	bis(2-Chloroethoxy)methane	1670	960	58	56-96
111-44-4	bis(2-Chloroethyl)ether	1670	866	52	49-94
108-60-1	bis(2-Chloroisopropyl)ether	1670	1040	62	53-103
7005-72-3	4-Chlorophenyl phenyl ether	1670	1240	74	65-101
95-50-1	1,2-Dichlorobenzene	1670	1010	61	55-93
541-73-1	1,3-Dichlorobenzene	1670	1010	61	54-91
106-46-7	1,4-Dichlorobenzene	1670	946	57	54-91
121-14-2	2,4-Dinitrotoluene	1670	1380	83	68-110
606-20-2	2,6-Dinitrotoluene	1670	1310	79	67-107
91-94-1	3,3'-Dichlorobenzidine	1670	961	58	51-140
132-64-9	Dibenzofuran	1670	1180	71	56-107
84-74-2	Di-n-butyl phthalate	1670	1400	84	56-120
117-84-0	Di-n-octyl phthalate	1670	1430	86	54-115
84-66-2	Diethyl phthalate	1670	1340	80	61-114
131-11-3	Dimethyl phthalate	1670	1290	77	60-107

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-BS	J155073.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1480	89	58-125
118-74-1	Hexachlorobenzene	1670	1330	80	58-111
87-68-3	Hexachlorobutadiene	1670	1100	66	47-109
77-47-4	Hexachlorocyclopentadiene	1670	865	52	48-120
67-72-1	Hexachloroethane	1670	995	60	54-97
78-59-1	Isophorone	1670	1170	70	62-105
88-74-4	2-Nitroaniline	1670	1040	62	52-118
99-09-2	3-Nitroaniline	1670	1070	64	52-127
100-01-6	4-Nitroaniline	1670	1340	80	76-170
98-95-3	Nitrobenzene	1670	1130	68	57-98
621-64-7	N-Nitroso-di-n-propylamine	1670	1200	72	58-104
86-30-6	N-Nitrosodiphenylamine	1670	1150	69	59-124
120-82-1	1,2,4-Trichlorobenzene	1670	1060	64	57-95

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	62%	26-124%
4165-62-2	Phenol-d5	67%	19-106%
118-79-6	2,4,6-Tribromophenol	87%	18-129%
4165-60-0	Nitrobenzene-d5	68%	18-104%
321-60-8	2-Fluorobiphenyl	72%	21-114%
1718-51-0	Terphenyl-d14	90%	24-149%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15936-BS	V1385.D	1	09/07/10	MK	09/06/10	OP15936	EV81

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

T59309-1, T59309-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	5	3.6	72	10-125
208-96-8	Acenaphthylene	5	4.1	82	10-141
120-12-7	Anthracene	5	4.0	80	13-139
56-55-3	Benzo(a)anthracene	5	3.6	72	24-151
50-32-8	Benzo(a)pyrene	5	3.0	60	36-146
205-99-2	Benzo(b)fluoranthene	5	3.7	74	27-159
191-24-2	Benzo(g,h,i)perylene	5	3.8	76	21-156
207-08-9	Benzo(k)fluoranthene	5	4.4	88	26-157
218-01-9	Chrysene	5	4.2	84	26-146
53-70-3	Dibenzo(a,h)anthracene	5	3.2	64	23-161
206-44-0	Fluoranthene	5	3.8	76	20-140
86-73-7	Fluorene	5	4.4	88	16-126
193-39-5	Indeno(1,2,3-cd)pyrene	5	3.3	66	25-153
91-57-6	2-Methylnaphthalene	5	3.5	70	10-115
91-20-3	Naphthalene	5	3.4	68	11-111
85-01-8	Phenanthrene	5	4.1	82	23-135
129-00-0	Pyrene	5	4.6	92	27-138

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	105%	17-131%
321-60-8	2-Fluorobiphenyl	115%	15-137%
1718-51-0	Terphenyl-d14	97%	10-160%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15933-BS	V1387.D	1	09/07/10	MK	09/06/10	OP15933	EV81

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

T59309-3, T59309-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	167	101	61	18-118
208-96-8	Acenaphthylene	167	117	70	35-125
120-12-7	Anthracene	167	142	85	24-116
56-55-3	Benzo(a)anthracene	167	135	81	32-132
50-32-8	Benzo(a)pyrene	167	122	73	36-130
205-99-2	Benzo(b)fluoranthene	167	159	95	35-134
191-24-2	Benzo(g,h,i)perylene	167	135	81	18-149
207-08-9	Benzo(k)fluoranthene	167	157	94	30-131
218-01-9	Chrysene	167	163	98	37-124
53-70-3	Dibenzo(a,h)anthracene	167	118	71	23-150
206-44-0	Fluoranthene	167	150	90	28-118
86-73-7	Fluorene	167	146	88	32-106
193-39-5	Indeno(1,2,3-cd)pyrene	167	122	73	18-150
91-57-6	2-Methylnaphthalene	167	130	78	28-113
91-20-3	Naphthalene	167	132	79	31-106
85-01-8	Phenanthrene	167	147	88	37-112
129-00-0	Pyrene	167	150	90	24-132

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	111%	10-127%
321-60-8	2-Fluorobiphenyl	78%	11-133%
1718-51-0	Terphenyl-d14	90%	15-187%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-MS	J155078.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
OP15932-MSD	J155079.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
T59309-3	J155076.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	T59309-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	1100 U		2210	703	32*	605	27*	15	36-112/29
95-57-8	2-Chlorophenol	230 U		2210	1800	81	1860	83	3	56-96/53
59-50-7	4-Chloro-3-methyl phenol	230 U		2210	2140	97	2220	99	4	50-114/48
120-83-2	2,4-Dichlorophenol	230 U		2210	2040	92	2090	93	2	46-110/52
105-67-9	2,4-Dimethylphenol	230 U		2210	2010	91	2070	92	3	40-111/52
51-28-5	2,4-Dinitrophenol	1100 U		2210	1290	58	1390	62	7	47-117/32
534-52-1	4,6-Dinitro-o-cresol	450 U		2210	2090	95	2220	99	6	50-111/31
95-48-7	2-Methylphenol	230 U		2210	1870	85	1920	86	3	57-99/51
	3&4-Methylphenol	230 U		4420	3500	79	3570	80	2	59-100/53
88-75-5	2-Nitrophenol	230 U		2210	1990	90	2080	93	4	56-97/53
100-02-7	4-Nitrophenol	1100 U		2210	2300	104	2450	109	6	60-116/32
87-86-5	Pentachlorophenol	1100 U		2210	2460	111	2610	117	6	57-153/30
108-95-2	Phenol	230 U		2210	1760	80	1770	79	1	56-97/48
95-95-4	2,4,5-Trichlorophenol	230 U		2210	2400	109*	2490	111*	4	62-104/50
88-06-2	2,4,6-Trichlorophenol	230 U		2210	2220	101	2310	103	4	62-104/52
101-55-3	4-Bromophenyl phenyl ether	230 U		2210	2150	97	2170	97	1	58-108/41
85-68-7	Butyl benzyl phthalate	230 U		2210	2590	117	2670	119	3	56-121/40
100-51-6	Benzyl Alcohol	230 U		2210	1940	88	2010	90	4	44-108/52
91-58-7	2-Chloronaphthalene	230 U		2210	1580	72	1610	72	2	61-100/47
106-47-8	4-Chloroaniline	230 U		2210	1480	67	1480	66	0	30-101/51
86-74-8	Carbazole	230 U		2210	2030	92	2070	92	2	61-146/37
111-91-1	bis(2-Chloroethoxy)methane	230 U		2210	1480	67	1510	67	2	56-96/49
111-44-4	bis(2-Chloroethyl)ether	230 U		2210	1570	71	1570	70	0	49-94/49
108-60-1	bis(2-Chloroisopropyl)ether	230 U		2210	1790	81	1800	80	1	53-103/48
7005-72-3	4-Chlorophenyl phenyl ether	230 U		2210	2090	95	2100	94	0	65-101/43
95-50-1	1,2-Dichlorobenzene	230 U		2210	1700	77	1710	76	1	55-93/48
541-73-1	1,3-Dichlorobenzene	230 U		2210	1690	77	1740	78	3	54-91/47
106-46-7	1,4-Dichlorobenzene	230 U		2210	1610	73	1630	73	1	54-91/48
121-14-2	2,4-Dinitrotoluene	230 U		2210	2150	97	2190	98	2	68-110/32
606-20-2	2,6-Dinitrotoluene	230 U		2210	2130	96	2150	96	1	67-107/45
91-94-1	3,3'-Dichlorobenzidine	450 U		2210	1140	52	1010	45*	12	51-140/42
132-64-9	Dibenzofuran	230 U		2210	2010	91	2040	91	1	56-107/43
84-74-2	Di-n-butyl phthalate	230 U		2210	2230	101	2200	98	1	56-120/37
117-84-0	Di-n-octyl phthalate	230 U		2210	2120	96	2130	95	0	54-115/30
84-66-2	Diethyl phthalate	230 U		2210	2180	99	2190	98	0	61-114/38
131-11-3	Dimethyl phthalate	230 U		2210	2080	94	2130	95	2	60-107/39

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15932-MS	J155078.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
OP15932-MSD	J155079.D	1	09/07/10	SC	09/06/10	OP15932	EJ923
T59309-3	J155076.D	1	09/07/10	SC	09/06/10	OP15932	EJ923

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-3, T59309-4

CAS No.	Compound	T59309-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
117-81-7	bis(2-Ethylhexyl)phthalate	230 U		2210	2380	108	2420	108	2	58-125/48
118-74-1	Hexachlorobenzene	230 U		2210	2100	95	2110	94	0	58-111/39
87-68-3	Hexachlorobutadiene	230 U		2210	1850	84	1870	84	1	47-109/48
77-47-4	Hexachlorocyclopentadiene	1100 U		2210	1340	61	1720	77	25	48-120/52
67-72-1	Hexachloroethane	230 U		2210	1680	76	1740	78	4	54-97/56
78-59-1	Isophorone	230 U		2210	1950	88	2010	90	3	62-105/51
88-74-4	2-Nitroaniline	230 U		2210	1770	80	1840	82	4	52-118/42
99-09-2	3-Nitroaniline	230 U		2210	1730	78	1840	82	6	52-127/32
100-01-6	4-Nitroaniline	230 U		2210	1440	65*	1540	69*	7	76-170/31
98-95-3	Nitrobenzene	230 U		2210	1890	86	1920	86	2	57-98/52
621-64-7	N-Nitroso-di-n-propylamine	230 U		2210	2060	93	2120	95	3	58-104/48
86-30-6	N-Nitrosodiphenylamine	230 U		2210	1790	81	1870	84	4	59-124/41
120-82-1	1,2,4-Trichlorobenzene	230 U		2210	1780	81	1810	81	2	57-95/51

CAS No.	Surrogate Recoveries	MS	MSD	T59309-3	Limits
367-12-4	2-Fluorophenol	79%	79%	76%	26-124%
4165-62-2	Phenol-d5	84%	84%	86%	19-106%
118-79-6	2,4,6-Tribromophenol	108%	111%	110%	18-129%
4165-60-0	Nitrobenzene-d5	85%	87%	88%	18-104%
321-60-8	2-Fluorobiphenyl	91%	92%	96%	21-114%
1718-51-0	Terphenyl-d14	122%	127%	117%	24-149%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-MS	P13218.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
OP15935-MSD	P13219.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
T59309-1	P13211.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	T59309-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	10 U		100	91.3	91*	97.6	98*	7	10-68/27
95-57-8	2-Chlorophenol	5.1 U		100	62.8	63	60.7	61	3	39-93/28
59-50-7	4-Chloro-3-methyl phenol	5.1 U		100	71.8	72	77.1	77	7	43-109/28
120-83-2	2,4-Dichlorophenol	5.1 U		100	68.3	68	69.5	70	2	42-106/25
105-67-9	2,4-Dimethylphenol	5.1 U		100	64.6	65	60.1	60	7	27-87/26
51-28-5	2,4-Dinitrophenol	25 U		100	92.5	93	98.0	98	6	43-107/44
534-52-1	4,6-Dinitro-o-cresol	10 U		100	112	112	116	116*	4	47-112/24
95-48-7	2-Methylphenol	5.1 U		100	59.9	60	59.4	59	1	25-84/31
	3&4-Methylphenol	5.1 U		200	115	58	117	59	2	25-77/25
88-75-5	2-Nitrophenol	5.1 U		100	67.5	68	68.2	68	1	38-96/26
100-02-7	4-Nitrophenol	25 U		100	53.3	53	53.2	53	0	13-70/25
87-86-5	Pentachlorophenol	25 U		100	112	112	111	111	1	46-153/18
108-95-2	Phenol	5.1 U		100	45.5	46	44.9	45	1	10-53/35
95-95-4	2,4,5-Trichlorophenol	5.1 U		100	81.0	81	87.4	87	8	40-101/22
88-06-2	2,4,6-Trichlorophenol	5.1 U		100	75.5	76	80.2	80	6	41-102/22
101-55-3	4-Bromophenyl phenyl ether	5.1 U		100	83.6	84	87.3	87	4	56-99/20
85-68-7	Butyl benzyl phthalate	5.1 U		100	111	111	110	110	1	52-125/25
100-51-6	Benzyl Alcohol	5.1 U		100	59.5	60	61.2	61	3	28-83/32
91-58-7	2-Chloronaphthalene	5.1 U		100	72.5	73	74.1	74	2	42-97/27
106-47-8	4-Chloroaniline	5.1 U		100	41.5	42	46.5	47	11	37-128/29
86-74-8	Carbazole	5.1 U		100	92.8	93	93.2	93	0	59-142/19
111-91-1	bis(2-Chloroethoxy)methane	5.1 U		100	61.5	62	61.3	61	0	38-96/30
111-44-4	bis(2-Chloroethyl)ether	5.1 U		100	64.1	64	64.9	65	1	37-91/33
108-60-1	bis(2-Chloroisopropyl)ether	5.1 U		100	61.2	61	59.9	60	2	36-102/32
7005-72-3	4-Chlorophenyl phenyl ether	5.1 U		100	78.3	78	83.4	83	6	48-101/21
95-50-1	1,2-Dichlorobenzene	5.1 U		100	62.3	62	58.9	59	6	33-86/29
541-73-1	1,3-Dichlorobenzene	5.1 U		100	60.5	61	56.6	57	7	32-88/32
106-46-7	1,4-Dichlorobenzene	5.1 U		100	60.3	60	56.6	57	6	31-86/36
121-14-2	2,4-Dinitrotoluene	5.1 U		100	100	100	101	101	1	55-112/23
606-20-2	2,6-Dinitrotoluene	5.1 U		100	82.6	83	87.7	88	6	57-105/23
91-94-1	3,3'-Dichlorobenzidine	10 U		100	62.5	63	55.5	56	12	50-142/21
132-64-9	Dibenzofuran	5.1 U		100	75.6	76	79.6	80	5	45-99/20
84-74-2	Di-n-butyl phthalate	5.1 U		100	106	106	106	106	0	64-114/16
117-84-0	Di-n-octyl phthalate	5.1 U		100	99.3	99	102	102	3	55-118/25
84-66-2	Diethyl phthalate	5.1 U		100	92.4	92	95.6	96	3	52-113/20
131-11-3	Dimethyl phthalate	5.1 U		100	85.2	85	91.8	92	7	38-112/19

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15935-MS	P13218.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
OP15935-MSD	P13219.D	1	09/07/10	GJ	09/06/10	OP15935	EP624
T59309-1	P13211.D	1	09/07/10	GJ	09/06/10	OP15935	EP624

The QC reported here applies to the following samples: **Method:** SW846 8270C

T59309-1, T59309-2

CAS No.	Compound	T59309-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
117-81-7	bis(2-Ethylhexyl)phthalate	5.1 U		100	117	117	114	114	3	56-131/19
118-74-1	Hexachlorobenzene	5.1 U		100	91.5	92	93.7	94	2	62-102/21
87-68-3	Hexachlorobutadiene	5.1 U		100	65.5	66	62.0	62	5	37-91/28
77-47-4	Hexachlorocyclopentadiene	10 U		100	90.1	90	94.4	94	5	23-102/34
67-72-1	Hexachloroethane	5.1 U		100	66.7	67	62.2	62	7	33-86/30
78-59-1	Isophorone	5.1 U		100	65.5	66	67.0	67	2	42-105/28
88-74-4	2-Nitroaniline	5.1 U		100	80.1	80	87.9	88	9	49-109/22
99-09-2	3-Nitroaniline	5.1 U		100	68.9	69	75.7	76	9	46-139/23
100-01-6	4-Nitroaniline	5.1 U		100	86.3	86	85.4	85	1	73-174/24
98-95-3	Nitrobenzene	5.1 U		100	69.7	70	68.8	69	1	42-97/26
621-64-7	N-Nitroso-di-n-propylamine	5.1 U		100	73.1	73	73.8	74	1	42-102/27
86-30-6	N-Nitrosodiphenylamine	5.1 U		100	84.9	85	85.5	86	1	64-119/27
120-82-1	1,2,4-Trichlorobenzene	5.1 U		100	62.8	63	60.1	60	4	37-88/23

CAS No.	Surrogate Recoveries	MS	MSD	T59309-1	Limits
367-12-4	2-Fluorophenol	49%	46%	24%	10-66%
4165-62-2	Phenol-d5	45%	45%	18%	10-53%
118-79-6	2,4,6-Tribromophenol	92%	95%	45%	32-128%
4165-60-0	Nitrobenzene-d5	65%	62%	41%	29-115%
321-60-8	2-Fluorobiphenyl	63%	65%	40%	34-113%
1718-51-0	Terphenyl-d14	107%	105%	81%	12-145%

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-DFTPP
Lab File ID: J155039.D
Instrument ID: GCMSJ
Injection Date: 09/05/10
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	90872	43.8		Pass
68	Less than 2.0% of mass 69	1364	0.66	(1.48) [a]	Pass
69	Mass 69 relative abundance	92051	44.4		Pass
70	Less than 2.0% of mass 69	172	0.08	(0.19) [a]	Pass
127	40.0 - 60.0% of mass 198	107864	52.0		Pass
197	Less than 1.0% of mass 198	689	0.33		Pass
198	Base peak, 100% relative abundance	207552	100.0		Pass
199	5.0 - 9.0% of mass 198	13820	6.66		Pass
275	10.0 - 30.0% of mass 198	45032	21.7		Pass
365	1.0 - 100.0% of mass 198	4757	2.29		Pass
441	Present, but less than mass 443	18876	9.09	(70.2) [b]	Pass
442	40.0 - 100.0% of mass 198	132472	63.8		Pass
443	17.0 - 23.0% of mass 442	26883	13.0	(20.3) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EJ921-ICC921	J155042.D	09/05/10	10:59	01:33	Initial cal 50
EJ921-IC921	J155043.D	09/05/10	11:29	02:03	Initial cal 5
EJ921-IC921	J155044.D	09/05/10	11:58	02:32	Initial cal 10
EJ921-IC921	J155045.D	09/05/10	12:28	03:02	Initial cal 25
EJ921-IC921	J155046.D	09/05/10	12:57	03:31	Initial cal 75
EJ921-IC921	J155048.D	09/05/10	13:56	04:30	Initial cal 125
EJ921-IC921	J155049.D	09/05/10	14:26	05:00	Initial cal 100
EJ921-ICV921	J155050.D	09/05/10	15:00	05:34	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ923-DFTPP
Lab File ID: J155069.D
Instrument ID: GCMSJ
Injection Date: 09/07/10
Injection Time: 10:24

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	127328	43.9		Pass
68	Less than 2.0% of mass 69	1960	0.68	(1.53) [a]	Pass
69	Mass 69 relative abundance	127832	44.1		Pass
70	Less than 2.0% of mass 69	660	0.23	(0.52) [a]	Pass
127	40.0 - 60.0% of mass 198	156075	53.8		Pass
197	Less than 1.0% of mass 198	862	0.30		Pass
198	Base peak, 100% relative abundance	290091	100.0		Pass
199	5.0 - 9.0% of mass 198	19965	6.88		Pass
275	10.0 - 30.0% of mass 198	62197	21.4		Pass
365	1.0 - 100.0% of mass 198	6283	2.17		Pass
441	Present, but less than mass 443	28267	9.74	(71.7) [b]	Pass
442	40.0 - 100.0% of mass 198	197056	67.9		Pass
443	17.0 - 23.0% of mass 442	39424	13.6	(20.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EJ923-CC921	J155070.D	09/07/10	10:37	00:13	Continuing cal 50
OP15932-MB	J155072.D	09/07/10	12:04	01:40	Method Blank
OP15932-BS	J155073.D	09/07/10	12:34	02:10	Blank Spike
OP15945-MB	J155074.D	09/07/10	13:05	02:41	Method Blank
OP15945-BS	J155075.D	09/07/10	13:33	03:09	Blank Spike
T59309-3	J155076.D	09/07/10	14:02	03:38	T001-R678-100905-SD-1
T59309-4	J155077.D	09/07/10	14:31	04:07	T001-R680-100905-SD-1
OP15932-MS	J155078.D	09/07/10	15:01	04:37	Matrix Spike
OP15932-MSD	J155079.D	09/07/10	15:29	05:05	Matrix Spike Duplicate
ZZZZZZ	J155080.D	09/07/10	15:58	05:34	(unrelated sample)
T59312-1	J155082.D	09/07/10	16:57	06:33	(used for QC only; not part of job T59309)
ZZZZZZ	J155083.D	09/07/10	17:26	07:02	(unrelated sample)
OP15945-MS	J155084.D	09/07/10	17:55	07:31	Matrix Spike
OP15945-MSD	J155085.D	09/07/10	18:24	08:00	Matrix Spike Duplicate
ZZZZZZ	J155088.D	09/07/10	19:51	09:27	(unrelated sample)
ZZZZZZ	J155089.D	09/07/10	20:20	09:56	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP621-DFTPP
Lab File ID: P13143.D
Instrument ID: GCMSP
Injection Date: 09/04/10
Injection Time: 08:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	100421	43.6		Pass
68	Less than 2.0% of mass 69	1493	0.65	(1.51) [a]	Pass
69	Mass 69 relative abundance	98925	42.9		Pass
70	Less than 2.0% of mass 69	173	0.08	(0.17) [a]	Pass
127	40.0 - 60.0% of mass 198	104563	45.4		Pass
197	Less than 1.0% of mass 198	0	0.00		Pass
198	Base peak, 100% relative abundance	230549	100.0		Pass
199	5.0 - 9.0% of mass 198	15683	6.80		Pass
275	10.0 - 30.0% of mass 198	56400	24.5		Pass
365	1.0 - 100.0% of mass 198	7158	3.10		Pass
441	Present, but less than mass 443	30859	13.4	(69.9) [b]	Pass
442	40.0 - 100.0% of mass 198	215915	93.7		Pass
443	17.0 - 23.0% of mass 442	44147	19.1	(20.4) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP621-ICC621	P13144.D	09/04/10	09:13	00:14	Initial cal 50
EP621-IC621	P13145.D	09/04/10	09:40	00:41	Initial cal 5
EP621-IC621	P13146.D	09/04/10	10:12	01:13	Initial cal 10
EP621-IC621	P13147.D	09/04/10	10:38	01:39	Initial cal 25
EP621-IC621	P13148.D	09/04/10	11:04	02:05	Initial cal 75
EP621-IC621	P13149.D	09/04/10	11:30	02:31	Initial cal 100
EP621-IC621	P13150.D	09/04/10	11:55	02:56	Initial cal 125
EP621-ICV621	P13151.D	09/04/10	12:21	03:22	Initial cal verification 50

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP624-DFTPP
Lab File ID: P13202.D
Instrument ID: GCMSP
Injection Date: 09/07/10
Injection Time: 08:58

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	71717	43.8		Pass
68	Less than 2.0% of mass 69	1150	0.70	(1.61) [a]	Pass
69	Mass 69 relative abundance	71552	43.7		Pass
70	Less than 2.0% of mass 69	0	0.00	(0.00) [a]	Pass
127	40.0 - 60.0% of mass 198	75459	46.1		Pass
197	Less than 1.0% of mass 198	585	0.36		Pass
198	Base peak, 100% relative abundance	163563	100.0		Pass
199	5.0 - 9.0% of mass 198	11021	6.74		Pass
275	10.0 - 30.0% of mass 198	40293	24.6		Pass
365	1.0 - 100.0% of mass 198	5580	3.41		Pass
441	Present, but less than mass 443	23144	14.1	(70.6) [b]	Pass
442	40.0 - 100.0% of mass 198	162203	99.2		Pass
443	17.0 - 23.0% of mass 442	32805	20.1	(20.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EP624-CC621	P13203.D	09/07/10	09:10	00:12	Continuing cal 50
OP15935-MB	P13204.D	09/07/10	09:37	00:39	Method Blank
OP15935-BS	P13205.D	09/07/10	10:03	01:05	Blank Spike
OP15929-MB	P13206.D	09/07/10	10:29	01:31	Method Blank
OP15929-BS	P13207.D	09/07/10	10:52	01:54	Blank Spike
T59297-1	P13208.D	09/07/10	11:18	02:20	(used for QC only; not part of job T59309)
OP15929-MS	P13209.D	09/07/10	11:41	02:43	Matrix Spike
OP15929-MSD	P13210.D	09/07/10	12:06	03:08	Matrix Spike Duplicate
T59309-1	P13211.D	09/07/10	12:32	03:34	T001-R678-100905-SW-07-1
T59309-2	P13212.D	09/07/10	12:57	03:59	T001-R680-100905-SW-06-1
OP15947-MB	P13213.D	09/07/10	13:23	04:25	Method Blank
OP15947-BS	P13214.D	09/07/10	13:49	04:51	Blank Spike
ZZZZZZ	P13215.D	09/07/10	14:15	05:17	(unrelated sample)
ZZZZZZ	P13216.D	09/07/10	14:41	05:43	(unrelated sample)
T59312-2	P13217.D	09/07/10	15:06	06:08	(used for QC only; not part of job T59309)
OP15935-MS	P13218.D	09/07/10	15:32	06:34	Matrix Spike
OP15935-MSD	P13219.D	09/07/10	15:57	06:59	Matrix Spike Duplicate
ZZZZZZ	P13220.D	09/07/10	16:23	07:25	(unrelated sample)
ZZZZZZ	P13221.D	09/07/10	16:46	07:48	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP624-DFTPP
Lab File ID: P13202.D
Instrument ID: GCMSP
Injection Date: 09/07/10
Injection Time: 08:58

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	P13222.D	09/07/10	17:09	08:11	(unrelated sample)
ZZZZZZ	P13223.D	09/07/10	17:32	08:34	(unrelated sample)
OP15947-MS	P13224.D	09/07/10	17:58	09:00	Matrix Spike
OP15947-MSD	P13225.D	09/07/10	18:24	09:26	Matrix Spike Duplicate

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EV81-DFTPP
Lab File ID: V1376.D
Instrument ID: GCMSV
Injection Date: 09/07/10
Injection Time: 09:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	167747	38.3		Pass
68	Less than 2.0% of mass 69	2343	0.53	(1.41) [a]	Pass
69	Mass 69 relative abundance	166104	37.9		Pass
70	Less than 2.0% of mass 69	772	0.18	(0.46) [a]	Pass
127	40.0 - 60.0% of mass 198	200469	45.7		Pass
197	Less than 1.0% of mass 198	2885	0.66		Pass
198	Base peak, 100% relative abundance	438251	100.0		Pass
199	5.0 - 9.0% of mass 198	29733	6.78		Pass
275	10.0 - 30.0% of mass 198	106029	24.2		Pass
365	1.0 - 100.0% of mass 198	15027	3.43		Pass
441	Present, but less than mass 443	61765	14.1	(73.5) [b]	Pass
442	40.0 - 100.0% of mass 198	426859	97.4		Pass
443	17.0 - 23.0% of mass 442	84037	19.2	(19.7) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EV81-IC81	V1377.D	09/07/10	10:22	00:32	Initial cal 1.0
EV81-ICC81	V1378.D	09/07/10	10:48	00:58	Initial cal 2.5
EV81-IC81	V1379.D	09/07/10	11:15	01:25	Initial cal 0.1
EV81-IC81	V1380.D	09/07/10	11:41	01:51	Initial cal 0.2
EV81-IC81	V1381.D	09/07/10	12:07	02:17	Initial cal 5.0
EV81-IC81	V1382.D	09/07/10	12:33	02:43	Initial cal 10.0
EV81-ICV81	V1383.D	09/07/10	12:59	03:09	Initial cal verification 2.5
OP15936-MB	V1384.D	09/07/10	13:30	03:40	Method Blank
OP15936-BS	V1385.D	09/07/10	13:55	04:05	Blank Spike
OP15933-MB	V1386.D	09/07/10	14:21	04:31	Method Blank
OP15933-BS	V1387.D	09/07/10	14:46	04:56	Blank Spike
OP15946-MB	V1388.D	09/07/10	15:12	05:22	Method Blank
OP15946-BS	V1389.D	09/07/10	15:37	05:47	Blank Spike

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EV82-DFTPP
Lab File ID: V1390.D
Instrument ID: GCMSV
Injection Date: 09/07/10
Injection Time: 16:03

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	130939	39.4		Pass
68	Less than 2.0% of mass 69	1812	0.54	(1.41) [a]	Pass
69	Mass 69 relative abundance	128725	38.7		Pass
70	Less than 2.0% of mass 69	496	0.15	(0.39) [a]	Pass
127	40.0 - 60.0% of mass 198	155589	46.8		Pass
197	Less than 1.0% of mass 198	2116	0.64		Pass
198	Base peak, 100% relative abundance	332608	100.0		Pass
199	5.0 - 9.0% of mass 198	22203	6.68		Pass
275	10.0 - 30.0% of mass 198	79712	24.0		Pass
365	1.0 - 100.0% of mass 198	11085	3.33		Pass
441	Present, but less than mass 443	43776	13.2	(74.5) [b]	Pass
442	40.0 - 100.0% of mass 198	305451	91.8		Pass
443	17.0 - 23.0% of mass 442	58755	17.7	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EV82-CC81	V1391.D	09/07/10	16:15	00:12	Continuing cal 2.5
OP15948-MB	V1392.D	09/07/10	16:41	00:38	Method Blank
OP15948-BS	V1393.D	09/07/10	17:06	01:03	Blank Spike
T59309-1	V1394.D	09/07/10	17:32	01:29	T001-R678-100905-SW-07-1
T59309-2	V1395.D	09/07/10	17:58	01:55	T001-R680-100905-SW-06-1
ZZZZZZ	V1396.D	09/07/10	18:23	02:20	(unrelated sample)
ZZZZZZ	V1397.D	09/07/10	18:49	02:46	(unrelated sample)
ZZZZZZ	V1398.D	09/07/10	19:15	03:12	(unrelated sample)
ZZZZZZ	V1399.D	09/07/10	19:45	03:42	(unrelated sample)
ZZZZZZ	V1400.D	09/07/10	20:10	04:07	(unrelated sample)
ZZZZZZ	V1401.D	09/07/10	20:35	04:32	(unrelated sample)
T59309-3	V1402.D	09/07/10	21:01	04:58	T001-R678-100905-SD-1
T59309-4	V1403.D	09/07/10	21:27	05:24	T001-R680-100905-SD-1
OP15934-MB	V1404.D	09/07/10	21:52	05:49	Method Blank
OP15934-BS	V1405.D	09/07/10	22:18	06:15	Blank Spike
ZZZZZZ	V1409.D	09/08/10	00:00	07:57	(unrelated sample)
ZZZZZZ	V1410.D	09/08/10	00:26	08:23	(unrelated sample)
ZZZZZZ	V1411.D	09/08/10	00:51	08:48	(unrelated sample)
ZZZZZZ	V1416.D	09/08/10	03:00	10:57	(unrelated sample)

Instrument Performance Check (DFTPP)

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample:	EV82-DFTPP	**Injection Date:**	09/07/10
Lab File ID:	V1390.D	**Injection Time:**	16:03
Instrument ID:	GCMSV		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	V1417.D	09/08/10	03:25	11:22	(unrelated sample)

Semivolatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	EJ923-CC921	**Injection Date:**	09/07/10
Lab File ID:	J155070.D	**Injection Time:**	10:37
Instrument ID:	GCMSJ	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	341199	4.65	1404028	5.91	972086	8.42	1629667	11.23	1227418	16.77	664269	19.57
Upper Limit [a]	682398	5.15	2808056	6.41	1944172	8.92	3259334	11.73	2454836	17.27	1328538	20.07
Lower Limit [b]	170600	4.15	702014	5.41	486043	7.92	814834	10.73	613709	16.27	332135	19.07

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP15932-MB	541141	4.65	2038267	5.90	1270510	8.41	1884797	11.22	1570677	16.76	1105084	19.58
OP15932-BS	425130	4.65	1643194	5.91	1075850	8.42	1677030	11.22	1267643	16.78	678583	19.58
OP15945-MB	482237	4.65	1810699	5.90	1111116	8.41	1608658	11.22	1289234	16.76	840448	19.58
OP15945-BS	450814	4.65	1777004	5.91	1214999	8.43	2065130	11.23	1640587	16.79	804015	19.58
T59309-3	353524	4.65	1351094	5.90	881347	8.41	1370518	11.22	1080986	16.76	564417	19.57
T59309-4	395341	4.65	1520999	5.90	1023647	8.41	1643005	11.22	1356900	16.76	695256	19.57
OP15932-MS	349195	4.65	1383406	5.91	922426	8.42	1514490	11.23	1023699	16.78	529494	19.58
OP15932-MSD	412862	4.65	1649345	5.91	1093745	8.43	1773063	11.23	1106679	16.78	568088	19.58
ZZZZZZ	386188	4.65	1462664	5.90	946637	8.41	1488481	11.22	1405160	16.77	787247	19.58
T59312-1	356876	4.65	1374545	5.90	885683	8.41	1322586	11.22	1285635	16.76	747983	19.58
ZZZZZZ	401729	4.65	1514522	5.90	957337	8.41	1428377	11.22	1389762	16.77	832072	19.58
OP15945-MS	399004	4.65	1544719	5.91	1032248	8.42	1722210	11.23	1425830	16.78	838219	19.59
OP15945-MSD	373156	4.65	1456077	5.91	980852	8.42	1634994	11.23	1289083	16.78	718970	19.58
ZZZZZZ	381906	4.65	1443707	5.90	932637	8.41	1475473	11.22	1409488	16.77	712791	19.58
ZZZZZZ	475929	4.65	1768342	5.91	1101518	8.42	1409010	11.24	316748[c]	16.80	166137[c]	19.60

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside of control limits, it is not associated with the target compounds.

Semivolatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std: EP624-CC621 **Injection Date:** 09/07/10
Lab File ID: P13203.D **Injection Time:** 09:10
Instrument ID: GCMSP **Method:** SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	386625	3.79	1454173	4.80	1047160	6.74	1942359	9.23	1944096	14.51	1144827	17.20
Upper Limit [a]	773250	4.29	2908346	5.30	2094320	7.24	3884718	9.73	3888192	15.01	2289654	17.70
Lower Limit [b]	193313	3.29	727087	4.30	523580	6.24	971180	8.73	972048	14.01	572414	16.70

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP15935-MB	671070	3.79	2270026	4.78	1495978	6.73	2517574	9.21	2638763	14.48	2120237	17.19
OP15935-BS	548605	3.79	1911914	4.79	1253639	6.74	2229009	9.21	2299170	14.50	1559494	17.20
OP15929-MB	305206	3.79	1096184	4.78	735605	6.73	1233869	9.20	1198659	14.47	906312	17.17
OP15929-BS	349903	3.79	1245889	4.79	824367	6.74	1459297	9.21	1444477	14.49	980736	17.18
T59297-1	297874	3.79	1032185	4.78	645650	6.72	1095115	9.19	1004696	14.46	796301	17.17
OP15929-MS	289935	3.79	1034732	4.78	724879	6.73	1325502	9.20	1318054	14.48	890763	17.18
OP15929-MSD	423868	3.80	1545475	4.79	1049278	6.74	1913155	9.21	1844152	14.50	1149225	17.19
T59309-1	462044	3.79	1615631	4.78	1082025	6.73	1875068	9.20	1889295	14.47	1400056	17.18
T59309-2	320520	3.79	1173045	4.78	793955	6.73	1379065	9.20	1394549	14.47	1038294	17.17
OP15947-MB	382115	3.79	1349976	4.78	885411	6.73	1501888	9.20	1512626	14.47	1129010	17.18
OP15947-BS	423823	3.79	1508899	4.79	1009715	6.74	1833263	9.21	1813753	14.50	1230799	17.19
ZZZZZZ	331716	3.79	1220714	4.78	815688	6.73	1406770	9.20	1437777	14.47	1048800	17.17
ZZZZZZ	356342	3.79	1286238	4.78	840945	6.73	1451664	9.20	1460452	14.47	1089165	17.17
T59312-2	307981	3.79	1088899	4.78	675107	6.72	1139319	9.19	1120553	14.46	828361	17.17
OP15935-MS	332412	3.79	1207903	4.78	819338	6.74	1511732	9.21	1440488	14.49	924488	17.18
OP15935-MSD	310049	3.79	1148447	4.79	786201	6.74	1437370	9.21	1353017	14.49	874978	17.18
ZZZZZZ	336063	3.79	1208250	4.78	782884	6.73	1335347	9.20	1148881	14.46	752329	17.17
ZZZZZZ	335039	3.79	1185555	4.78	795025	6.73	1372196	9.20	1308644	14.47	881978	17.17
ZZZZZZ	306798	3.79	1065071	4.78	724777	6.73	1268030	9.20	1216478	14.47	706156	17.17
ZZZZZZ	290767	3.79	1001677	4.78	688197	6.73	1221221	9.20	1224342	14.47	715974	17.17
OP15947-MS	351285	3.79	1265551	4.79	845969	6.74	1542847	9.21	1444568	14.50	882119	17.19
OP15947-MSD	306853	3.79	1109233	4.78	741382	6.74	1376108	9.21	1291862	14.49	704596	17.18

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	EV81-ICC81	**Injection Date:**	09/07/10
Lab File ID:	V1378.D	**Injection Time:**	10:48
Instrument ID:	GCMSV	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	251039	5.31	177093	7.39	353002	9.86	216008	14.92	105527	17.50
Upper Limit [a]	502078	5.81	354186	7.89	706004	10.36	432016	15.42	211054	18.00
Lower Limit [b]	125520	4.81	88547	6.89	176501	9.36	108004	14.42	52764	17.00

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
OP15936-MB	228821	5.31	161049	7.37	317954	9.86	147175	14.92	61200	17.50
OP15936-BS	310043	5.31	202642	7.39	414868	9.86	232454	14.92	105794	17.50
OP15933-MB	270133	5.31	185673	7.39	380191	9.86	183498	14.92	78490	17.50
OP15933-BS	261000	5.31	209559	7.39	396738	9.87	281557	14.93	134308	17.51
OP15946-MB	266137	5.31	188702	7.39	356862	9.87	153471	14.93	69323	17.51
OP15946-BS	268803	5.31	226276	7.39	405680	9.87	257777	14.93	131109	17.51

IS 1 = Naphthalene-d8
IS 2 = Acenaphthene-D10
IS 3 = Phenanthrene-d10
IS 4 = Chrysene-d12
IS 5 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	EV82-CC81	**Injection Date:**	09/07/10
Lab File ID:	V1391.D	**Injection Time:**	16:15
Instrument ID:	GCMSV	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	203839	5.31	170743	7.39	273740	9.87	165886	14.93	83151	17.51
Upper Limit [a]	407678	5.81	341486	7.89	547480	10.37	331772	15.43	166302	18.01
Lower Limit [b]	101920	4.81	85372	6.89	136870	9.37	82943	14.43	41576	17.01

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
OP15948-MB	174412	5.31	126004	7.39	242657	9.87	113799	14.93	46522	17.51
OP15948-BS	235652	5.31	173713	7.39	327432	9.87	190966	14.93	89223	17.51
T59309-1	247488	5.31	161435	7.37	329442	9.86	175409	14.93	97494	17.51
T59309-2	235574	5.31	164846	7.37	316943	9.86	170614	14.92	101934	17.51
ZZZZZZ	258508	5.31	173424	7.37	358031	9.86	247450	14.92	156068	17.51
ZZZZZZ	226995	5.31	150270	7.37	308812	9.86	203327	14.92	125115	17.51
ZZZZZZ	224430	5.31	143773	7.39	318268	9.86	220998	14.92	139871	17.50
ZZZZZZ	240860	5.31	164397	7.37	342417	9.86	225697	14.93	141871	17.51
ZZZZZZ	219212	5.31	156096	7.37	329487	9.86	200325	14.92	123707	17.50
ZZZZZZ	232121	5.31	152942	7.37	329118	9.86	215406	14.92	127688	17.51
T59309-3	219709	5.31	137757	7.37	300298	9.86	208874	14.92	132394	17.51
T59309-4	236884	5.31	161010	7.37	342952	9.86	231375	14.92	142292	17.51
OP15934-MB	201484	5.31	131609	7.37	255925	9.86	158643	14.92	96137	17.51
OP15934-BS	212178	5.31	139495	7.39	283775	9.86	186251	14.92	100441	17.51
ZZZZZZ	242781	5.31	161032	7.37	335633	9.86	202348	14.93	100916	17.51
ZZZZZZ	221998	5.31	143373	7.39	282610	9.86	157955	14.93	84514	17.51
ZZZZZZ	228240	5.31	158077	7.39	320242	9.87	182226	14.93	88261	17.51
ZZZZZZ	204467	5.31	131452	7.39	281729	9.86	146944	14.93	63790	17.51
ZZZZZZ	228570	5.31	156422	7.39	319068	9.86	187727	14.93	91114	17.51

IS 1 = Naphthalene-d8
IS 2 = Acenaphthene-D10
IS 3 = Phenanthrene-d10
IS 4 = Chrysene-d12
IS 5 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8270C **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
T59309-1	P13211.D	24.0	18.0	45.0	41.0	40.0	81.0
T59309-2	P13212.D	37.0	29.0	57.0	66.0	59.0	73.0
OP15935-BS	P13205.D	38.0	27.0	76.0	65.0	64.0	70.0
OP15935-MB	P13204.D	33.0	25.0	66.0	64.0	61.0	66.0
OP15935-MS	P13218.D	49.0	45.0	92.0	65.0	63.0	107.0
OP15935-MSD	P13219.D	46.0	45.0	95.0	62.0	65.0	105.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-66%
S2 = Phenol-d5	10-53%
S3 = 2,4,6-Tribromophenol	32-128%
S4 = Nitrobenzene-d5	29-115%
S5 = 2-Fluorobiphenyl	34-113%
S6 = Terphenyl-d14	12-145%

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
T59309-3	J155076.D	76.0	86.0	110.0	88.0	96.0	117.0
T59309-4	J155077.D	66.0	75.0	102.0	77.0	81.0	110.0
OP15932-BS	J155073.D	62.0	67.0	87.0	68.0	72.0	90.0
OP15932-MB	J155072.D	55.0	63.0	68.0	65.0	74.0	91.0
OP15932-MS	J155078.D	79.0	84.0	108.0	85.0	91.0	122.0
OP15932-MSD	J155079.D	79.0	84.0	111.0	87.0	92.0	127.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	26-124%
S2 = Phenol-d5	19-106%
S3 = 2,4,6-Tribromophenol	18-129%
S4 = Nitrobenzene-d5	18-104%
S5 = 2-Fluorobiphenyl	21-114%
S6 = Terphenyl-d14	24-149%

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8270C BY SIM **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
T59309-1	V1394.D	51.0	52.0	99.0
T59309-2	V1395.D	68.0	55.0	78.0
OP15936-BS	V1385.D	105.0	115.0	97.0
OP15936-MB	V1384.D	77.0	84.0	116.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	17-131%
S2 = 2-Fluorobiphenyl	15-137%
S3 = Terphenyl-d14	10-160%

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8270C BY SIM **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
T59309-3	V1402.D	67.0	82.0	88.0
T59309-4	V1403.D	63.0	65.0	86.0
OP15933-BS	V1387.D	111.0	78.0	90.0
OP15933-MB	V1386.D	66.0	59.0	86.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	10-127%
S2 = 2-Fluorobiphenyl	11-133%
S3 = Terphenyl-d14	15-187%

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICC921
Lab FileID: J155042.D

Response Factor Report MSJ

Method : C:\msdchem\1\METHODS\ej921ap9.m (RTE Integrator)
Title : SW846 8270C Appendix 9
Last Update : Sun Sep 05 15:47:59 2010
Response via : Initial Calibration

Calibration Files
5 =j155043.D 25 =j155045.D 50 =j155042.D 75 =j155046.D
100 =j155049.D 125 =j155048.D 10 =j155044.D

Compound	5	25	50	75	100	125	10	Avg	%RSD
1) I 1,4-Dichlorobenzene-d	----------ISTD----------								
2) bis(Chloromethyl)	0.921	1.075	0.866	0.854	0.827	0.992	0.892	0.918	9.51
3) 1,4-Dioxane	1.995	0.819	0.663	0.660	0.608	0.713	1.188	0.949	52.77
---- Quadratic regression ---- Coefficient = 0.9924									
Response Ratio = 0.22083 + 0.36021 *A + 0.08418 *A^2									
4) N-nitrosodimethyl	0.887	0.687	0.559	0.582	0.573	0.659	0.642	0.656	17.18
---- Quadratic regression ---- Coefficient = 0.9949									
Response Ratio = 0.08482 + 0.39626 *A + 0.07079 *A^2									
5) Pyridine	1.411	1.645	1.394	1.485	1.473	1.687	1.397	1.499	8.02
6) 2-Picoline	1.480	1.764	1.465	1.492	1.471	1.764	1.436	1.553	9.34
7) N-Nitrosomethylet	0.822	0.901	0.737	0.769	0.753	0.882	0.769	0.805	8.06
8) Methyl methanesul	0.678	0.811	0.649	0.666	0.651	0.771	0.635	0.694	9.86
9) N-Nitrosodiethyla	0.716	0.853	0.709	0.709	0.697	0.833	0.692	0.744	9.14
10) Ethyl methanesulf	0.978	1.215	0.981	1.004	0.985	1.174	0.954	1.042	10.18
11) Benzaldehyde	0.405	0.541	0.430	0.337	0.306		0.444	0.410	20.42
12) Aniline	1.419	1.728	1.549	1.542	1.280	1.586	1.244	1.478	11.73
13)S 2-Fluorophenol	1.184	1.379	1.129	1.148	1.120	1.311	1.133	1.201	8.56
14) bis(2-Chloroethyl	1.940	1.884	1.575	1.649	1.730	1.943	1.671	1.770	8.50
15)S Phenol-d5	1.549	1.718	1.325	1.353	1.343	1.545	1.387	1.460	10.10
16)C Phenol	1.745	2.138	1.671	1.694	1.649	1.913	1.685	1.785	10.02
17) 2-Chlorophenol	1.279	1.578	1.261	1.298	1.276	1.498	1.225	1.345	10.09
18) 1,3-Dichlorobenze	1.581	1.742	1.398	1.385	1.379	1.603	1.482	1.510	9.13
19)C 1,4-Dichlorobenze	1.614	1.799	1.493	1.523	1.454	1.680	1.513	1.582	7.76
20) 1,2-Dichlorobenze	1.507	1.669	1.344	1.336	1.288	1.473	1.414	1.433	9.08
21) Benzyl alcohol	0.839	1.073	0.848	0.881	0.866	1.018	0.791	0.902	11.40
22) bis(2-chloroisopr	2.506	2.879	2.303	2.322	2.250	2.542	2.363	2.452	8.83
23) 2-Methylphenol	1.236	1.502	1.205	1.238	1.219	1.456	1.157	1.288	10.42
24) N-Nitrosopyrrolid	0.725	0.921	0.739	0.745	0.699	0.786	0.697	0.759	10.23
25) N-Nitrosomorpholi	0.970	1.157	0.909	0.913	0.852	0.964	0.921	0.955	10.19
26) o-Toluidine	2.219	2.784	2.182	2.196	2.082	2.357	2.129	2.279	10.48
27) Acetophenone	1.917	2.191	1.738	1.749	1.693	2.003	1.783	1.868	9.63
28) Hexachloroethane	0.576	0.662	0.537	0.552	0.542	0.627	0.526	0.574	8.92
29)P N-Nitroso-di-n-pr	1.079	1.246	0.984	0.964	0.904	1.030	1.056	1.038	10.53
30) 3&4-Methylphenol	1.364	1.644	1.321	1.333	1.294	1.479	1.292	1.389	9.29
31) I Naphthalene-d8	----------ISTD----------								
32)S Nitrobenzene-d5	0.372	0.418	0.335	0.322	0.315	0.354	0.349	0.352	9.94
33) Nitrobenzene	0.388	0.435	0.349	0.336	0.327	0.364	0.363	0.366	9.97
34) N-Nitrosopiperidi	0.257	0.301	0.250	0.241	0.234	0.265	0.244	0.256	8.77
35) A,A-Dimethylphene								0.000	-1.00
36) Isophorone	0.752	0.864	0.711	0.678	0.660	0.766	0.714	0.735	9.26
37)C 2-Nitrophenol	0.150	0.202	0.157	0.161	0.164	0.187	0.138	0.166	13.22
38) 2,4-Dimethylpheno	0.333	0.408	0.332	0.324	0.316	0.357	0.320	0.341	9.49
39) bis(2-Chloroethox	0.547	0.627	0.508	0.486	0.471	0.527	0.524	0.527	9.63

Initial Calibration Summary

Job Number: T59309 **Sample:** EJ921-ICC921
Account: RFWTXHO Weston Solutions **Lab FileID:** J155042.D
Project: DeepWater Horizon Weekday

```
40)  O,O,O-Triethyl ph 0.169 0.195 0.159 0.150 0.147 0.163 0.165 0.164   9.67
41)  Benzoic Acid      0.078 0.113 0.108 0.125 0.169 0.196 0.017 0.115  50.85
            ---- Quadratic regression ----  Coefficient =  0.9964
              Response Ratio = 0.00500 + 0.03930 *A + 0.04960 *A^2

42)C 2,4-Dichloropheno 0.229 0.303 0.244 0.242 0.234 0.262 0.219 0.247  11.20
43)  1,2,4-Trichlorobe 0.319 0.356 0.289 0.272 0.264 0.295 0.300 0.300  10.29
44)  Naphthalene       1.096 1.203 0.980 0.933 0.902 1.005 1.040 1.023  10.03
45)  4-Chloroaniline   0.377 0.473 0.360 0.366 0.365 0.409 0.354 0.386  10.94
46)  2,6-Dichloropheno 0.239 0.299 0.241 0.232 0.222 0.248 0.229 0.244  10.50
47)  Hexachloropropene 0.101 0.156 0.106 0.119 0.127 0.135 0.090 0.119  18.95
            ---- Quadratic regression ----  Coefficient =  0.9929
              Response Ratio = 0.00708 + 0.09309 *A + 0.01257 *A^2

48)C Hexachlorobutadie 0.171 0.185 0.149 0.140 0.134 0.150 0.158 0.155  11.36
49)  p-Phenylenediamin                                         0.000  -1.00
50)  Caprolactam       0.216 0.140 0.119 0.118 0.114 0.129 0.172 0.144  26.15
            ---- Quadratic regression ----  Coefficient =  0.9956
              Response Ratio = 0.02285 + 0.08244 *A + 0.01155 *A^2

51)  N-Nitrosodi-n-but 0.343 0.336 0.258 0.245 0.240 0.276 0.320 0.288  15.17
            ---- Quadratic regression ----  Coefficient =  0.9900
              Response Ratio = 0.04234 + 0.18512 *A + 0.02212 *A^2

52)C 4-Chloro-3-methyl 0.256 0.347 0.283 0.281 0.274 0.302 0.242 0.284  12.05
53)  Isosafrole        0.275 0.316 0.259 0.243 0.232 0.255 0.263 0.263  10.23
54)  2-Methylnaphthale 0.723 0.819 0.662 0.627 0.604 0.678 0.682 0.685  10.30
55)  1-Methylnaphthale 0.720 0.799 0.651 0.614 0.588 0.660 0.676 0.672  10.41
56)  1,2,4,5-Tetrachlo 0.284 0.315 0.257 0.239 0.229 0.255 0.268 0.264  10.87

57) I   Acenaphthene-d10      ----------------ISTD---------------------
58)P Hexachlorocyclope 0.037 0.083 0.054 0.073 0.091 0.105 0.008 0.064  52.33
            ---- Quadratic regression ----  Coefficient =  0.9923
              Response Ratio = 0.00317 + 0.02774 *A + 0.02436 *A^2

59)C 2,4,6-Trichloroph 0.209 0.306 0.246 0.240 0.240 0.273 0.202 0.245  14.62
60)  2,4,5-Trichloroph 0.219 0.292 0.229 0.224 0.222 0.238 0.202 0.232  12.24
61)S 2-Fluorobiphenyl  1.187 1.208 0.961 0.867 0.841 0.955 1.096 1.016  14.62
62)  Safrole           0.441 0.498 0.401 0.371 0.366 0.426 0.397 0.414  11.05
63)  1,1'-Biphenyl     1.327 1.437 1.158 1.041 1.012 1.130 1.245 1.193  12.88
64)  2-Chloronaphthale 1.222 1.390 1.129 1.049 1.040 1.192 1.082 1.158  10.66
65)  1-Chloronaphthale 0.933 0.944 0.747 0.666 0.605 0.625 0.901 0.774  19.25
            ---- Quadratic regression ----  Coefficient =  0.9921
              Response Ratio = 0.07264 + 0.71434 *A + -0.04143 *A^2

66)  2-Nitroaniline    0.337 0.427 0.343 0.332 0.335 0.378 0.312 0.352  10.95
67)  1,4-Naphthoquinon 0.345 0.468 0.366 0.334 0.320 0.342 0.355 0.361  13.61
68)  Acenaphthylene    1.708 1.907 1.547 1.413 1.371 1.541 1.598 1.584  11.47
69)  Dimethylphthalate 1.233 1.388 1.151 1.065 1.039 1.180 1.149 1.172   9.88
70)  m-Dinitrobenzene  0.166 0.224 0.182 0.173 0.172 0.191 0.161 0.181  11.68
71)  2,6-Dinitrotoluen 0.274 0.329 0.274 0.252 0.247 0.274 0.263 0.273   9.86
72)C Acenaphthene      1.118 1.214 0.986 0.901 0.869 0.974 1.040 1.015  11.91
73)  3-Nitroaniline    0.233 0.310 0.249 0.243 0.248 0.273 0.213 0.253  12.26
74)P 2,4-Dinitrophenol 0.072 0.117 0.094 0.106 0.117 0.133 0.022 0.094  39.45
            ---- Quadratic regression ----  Coefficient =  0.9950
              Response Ratio = 0.00002 + 0.07192 *A + 0.01902 *A^2

75)  Dibenzofuran      1.467 1.635 1.311 1.215 1.182 1.314 1.365 1.355  11.43
76)  Pentachlorobenzen 0.304 0.349 0.280 0.257 0.253 0.278 0.290 0.287  11.25
77)  2,4-Dinitrotoluen 0.303 0.409 0.335 0.317 0.315 0.349 0.311 0.334  10.98
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EJ921-ICC921
Lab FileID: J155042.D

```
 78)P 4-Nitrophenol     0.049 0.111 0.093 0.091 0.089 0.084 0.063 0.083  25.13
             ---- Quadratic regression ----  Coefficient =  0.9974
               Response Ratio = -0.00658 + 0.11026 *A + -0.00778 *A^2

 79)  1-Naphthylamine   0.301 0.720 0.667 0.648 0.630 0.700 0.377 0.577  28.96
             ---- Quadratic regression ----  Coefficient =  0.9945
               Response Ratio = -0.02061 + 0.62588 *A + 0.02012 *A^2

 80)  2-Naphthylamine   0.502 0.534 0.537 0.557 0.565 0.626 0.278 0.514  21.58
             ---- Quadratic regression ----  Coefficient =  0.9977
               Response Ratio = -0.00710 + 0.46445 *A + 0.04967 *A^2

 81)  2,3,4,6-Tetrachlo 0.132 0.249 0.199 0.194 0.204 0.229 0.124 0.190  24.38
             ---- Quadratic regression ----  Coefficient =  0.9924
               Response Ratio = 0.00762 + 0.16061 *A + 0.01962 *A^2

 82)  Fluorene          1.246 1.369 1.097 1.004 0.970 1.070 1.171 1.132  12.40
 83)  4-Chlorophenyl-ph 0.583 0.617 0.489 0.445 0.426 0.468 0.544 0.510  14.17
 84)  Diethylphthalate  1.254 1.462 1.196 1.111 1.076 1.177 1.217 1.213  10.35
 85)  5-Nitro-o-toluidi 0.304 0.403 0.329 0.313 0.316 0.338 0.294 0.328  10.99
 86)  Thionazin         0.166 0.208 0.170 0.158 0.156 0.168 0.165 0.170  10.20
 87)  4-Nitroaniline    0.224 0.306 0.244 0.235 0.244 0.257 0.221 0.247  11.65

 88) I   Phenanthrene-d10      ----------------ISTD---------------------
 89)  4,6-Dinitro-2-met 0.045 0.125 0.100 0.100 0.103 0.117 0.061 0.093  31.54
             ---- Quadratic regression ----  Coefficient =  0.9922
               Response Ratio = 0.00159 + 0.08428 *A + 0.00933 *A^2

 90)C n-Nitrosodiphenyl 0.625 0.709 0.580 0.528 0.504 0.572 0.591 0.587  11.40
 91)  1,2-Diphenylhydra 0.777 0.902 0.738 0.678 0.657 0.818 0.728 0.757  11.15
 92)  Diphenylamine     0.625 0.709 0.580 0.528 0.504 0.572 0.591 0.587  11.40
 93)S 2,4,6-Tribromophe 0.057 0.078 0.064 0.059 0.058 0.066 0.056 0.063  12.61
 94)  Tetraethyl dithio 0.130 0.147 0.121 0.111 0.107 0.119 0.123 0.123  10.79
 95)  sym-Trinitrobenze 0.047 0.086 0.071 0.068 0.068 0.063 0.059 0.066  17.81
             ---- Quadratic regression ----  Coefficient =  0.9971
               Response Ratio = -0.00285 + 0.08216 *A + -0.00565 *A^2

 96)  Diallate          0.398 0.414 0.335 0.298 0.283 0.311 0.365 0.344  14.65
 97)  Phorate           0.594 0.770 0.629 0.582 0.447 0.482 0.607 0.587  17.87
 98)  4-Bromophenyl-phe 0.198 0.216 0.174 0.157 0.150 0.172 0.181 0.178  12.86
 99)  Phenacetin        0.331 0.412 0.331 0.310 0.308 0.311 0.324 0.332  11.01
100)  Hexachlorobenzene 0.220 0.233 0.191 0.169 0.160 0.181 0.203 0.194  13.77
101)  Dimethoate        0.295 0.315 0.258 0.216 0.176 0.161 0.287 0.244  24.77
             ---- Quadratic regression ----  Coefficient =  0.9927
               Response Ratio = 0.00749 + 0.30302 *A + -0.04780 *A^2

102)  Atrazine          0.181 0.173 0.138 0.115 0.091 0.080 0.167 0.135  30.17
             ---- Quadratic regression ----  Coefficient =  0.9931
               Response Ratio = 0.00617 + 0.16585 *A + -0.02890 *A^2

103)  4-aminobiphenyl   0.614 0.704 0.556 0.541 0.519 0.531 0.527 0.570  11.70
104)C Pentachlorophenol       0.073 0.069 0.063 0.065 0.072       0.068   6.18
105)  Pentachloronitrob 0.080 0.097 0.079 0.072 0.068 0.074 0.079 0.078  11.67
106)  Pronamide         0.346 0.396 0.323 0.293 0.281 0.294 0.335 0.324  12.32
107)  Phenanthrene      1.080 1.170 0.951 0.856 0.808 0.884 0.995 0.964  13.35
108)  Anthracene        1.036 1.183 0.960 0.871 0.833 0.913 0.979 0.968  12.08
109)  Disulfoton        0.367 0.584 0.765 0.446 0.424 0.465 0.382 0.490  28.60
110)  Carbazole         0.966 1.104 0.887 0.814 0.780 0.796 0.878 0.889  12.85
111)  Methyl parathion  0.236 0.272 0.224 0.193 0.162 0.154 0.238 0.211  20.54
             ---- Quadratic regression ----  Coefficient =  0.9927
```

```
                Response Ratio = 0.00564 + 0.25567 *A + -0.03463 *A^2

112)  Di-n-butylphthala 1.443 1.605 1.313 1.192 1.131 1.166 1.390 1.320  13.00
113)  4-Nitroquinoline  0.008 0.068 0.052 0.057 0.056 0.048 0.022 0.044  48.64
114)  Parathion         0.158 0.197 0.160 0.147 0.140 0.137 0.159 0.157  12.83
115)  Methapyrilene     0.125 0.161 0.121 0.109 0.098       0.146 0.127  18.44
              ---- Quadratic regression ----  Coefficient =  0.9943
                Response Ratio = 0.00169 + 0.15207 *A + -0.02231 *A^2

116)  Isodrin           0.137 0.151 0.123 0.110 0.104 0.111 0.128 0.123  13.46
117)C Fluoranthene      1.158 1.258 1.011 0.911 0.867 0.843 1.083 1.019  15.33
              ---- Linear regression ----  Coefficient =  0.9909
                Response Ratio = 0.14636 + 0.81564 *A


118) I   Chrysene-d12          ----------------ISTD---------------------
119)  Benzidine         0.178 0.392 0.375 0.321 0.282       0.230 0.297  28.00
              ---- Quadratic regression ----  Coefficient =  0.9985
                Response Ratio = -0.04986 + 0.51551 *A + -0.08597 *A^2

120)  Pyrene            1.244 1.529 1.406 1.265 1.230 1.529 1.141 1.335  11.54
121)S Terphenyl-d14     0.739 0.871 0.789 0.698 0.675 0.823 0.678 0.753  10.15
122)  Aramite           0.068 0.098 0.090 0.079 0.073 0.084 0.074 0.081  13.07
123)  p-(Dimethylamine) 0.361 0.498 0.446 0.410 0.405 0.469 0.355 0.421  12.73
124)  Chlorobenzilate   0.397 0.538 0.488 0.447 0.440 0.520 0.394 0.461  12.30
125)  Kepone                                                     0.000  -1.00
126)  3,3'-Dimethylbenz 0.267 0.470 0.361 0.335 0.315       0.356 0.351  19.33
              ---- Quadratic regression ----  Coefficient =  0.9938
                Response Ratio = -0.00909 + 0.44737 *A + -0.05316 *A^2

127)  Famphur                                                    0.000  -1.00
128)  Butylbenzylphthal 0.614 0.765 0.669 0.614 0.604 0.669 0.596 0.647   9.28
129)  2-Acetylaminofluo 0.308 0.412 0.329 0.299 0.280 0.308 0.334 0.324  13.14
130)  3,3'-Dichlorobenz 0.295 0.348 0.274 0.249 0.230 0.254 0.287 0.277  14.05
131)  Benzo[a]anthracen 1.044 1.180 0.982 0.896 0.871 0.982 0.984 0.991  10.25
132)  Chrysene          1.024 1.134 0.941 0.863 0.838 0.925 0.972 0.957  10.50
133)  bis(2-Ethylhexyl) 0.823 1.034 0.890 0.820 0.811 0.901 0.817 0.871   9.28

134) I   Perylene-d12          ----------------ISTD---------------------
135)C Di-n-octylphthala 1.941 2.639 2.308 2.258 2.455 2.806 1.937 2.335  14.09
136)  Benzo[b]fluoranth 1.368 1.530 1.313 1.169 1.219 1.384 1.270 1.322   9.06
137)  Benzo[k]fluoranth 1.321 1.505 1.235 1.097 1.117 1.264 1.241 1.254  10.87
138)  7,12-Dimethylbenz 0.133 0.625 0.589 0.569 0.589 0.684 0.247 0.491  43.02
              ---- Quadratic regression ----  Coefficient =  0.9928
                Response Ratio = -0.01619 + 0.48038 *A + 0.06079 *A^2

139)  Hexachlorophene                                            0.000  -1.00
140)C Benzo[a]pyrene    1.115 1.308 1.127 1.022 0.992 1.117 1.090 1.110   9.14
141)  3-Methylcholanthr 0.470 0.598 0.508 0.458 0.444 0.497 0.473 0.492  10.46
142)  Indeno[1,2,3-cd]p 0.768 0.955 0.746 0.640 0.601       0.774 0.747  16.61
              ---- Quadratic regression ----  Coefficient =  0.9931
                Response Ratio = 0.00350 + 0.90344 *A + -0.12591 *A^2

143)  Dibenz[a,h]anthra 0.623 0.790 0.621 0.542 0.509 0.520 0.635 0.606  15.97
              ---- Quadratic regression ----  Coefficient =  0.9909
                Response Ratio = 0.03908 + 0.61012 *A + -0.03717 *A^2

144)  Benzo[g,h,i]peryl 0.627 0.745 0.563 0.482 0.431       0.611 0.576  19.37
              ---- Quadratic regression ----  Coefficient =  0.9930
                Response Ratio = 0.00284 + 0.71730 *A + -0.11759 *A^2
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICC921
Lab FileID: J155042.D

```
-----------------------------------------------------------------------------
(#) = Out of Range

          ej921ap9.m        Sun Sep 05 15:48:13 2010
```

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EJ921-ICV921
Lab FileID: J155050.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\ej921\j155050.D            Vial: 12
Acq On    :  5 Sep 2010   3:00 pm                    Operator: sheilac
Sample    : icv921-50                                Inst    : MSJ
Misc      : op14950,Ej921,1000,,,1,1,water           Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\ej921ap9.m (RTE Integrator)
Title        : SW846 8270C Appendix 9
Last Update  : Sun Sep 05 16:18:02 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  50%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	4.68
2		bis(Chloromethyl)ether		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
3		1,4-Dioxane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
4		N-nitrosodimethylamine	0.656	0.736	-12.2	129	0.00	2.36
5		Pyridine	1.499	1.407	6.1	99	-0.01	2.32
6		2-Picoline		----------NA----------				
7		N-Nitrosomethylethylamine		----------NA----------				
8		Methyl methanesulfonate		----------NA----------				
9		N-Nitrosodiethylamine		----------NA----------				
10		Ethyl methanesulfonate		----------NA----------				
11		Benzaldehyde		----------NA----------				
12		Aniline	1.478	1.056	28.6	67	0.00	4.41
13	S	2-Fluorophenol		----------NA----------				
14		bis(2-Chloroethyl)ether	1.770	1.744	1.5	109	0.00	4.46
15	S	Phenol-d5		----------NA----------				
16	C	Phenol	1.785	1.894	-6.1	111	0.03	4.46
17		2-Chlorophenol	1.345	1.493	-11.0	116	0.02	4.54
18		1,3-Dichlorobenzene	1.510	1.620	-7.3	114	0.00	4.63
19	C	1,4-Dichlorobenzene	1.582	1.627	-2.8	107	0.00	4.69
20		1,2-Dichlorobenzene	1.433	1.525	-6.4	111	0.00	4.83
21		Benzyl alcohol	0.902	1.005	-11.4	116	0.01	4.83
22		bis(2-chloroisopropyl)eth	2.452	2.631	-7.3	112	0.00	4.93
23		2-Methylphenol	1.288	1.381	-7.2	113	-0.02	4.96
24		N-Nitrosopyrrolidine		----------NA----------				
25		N-Nitrosomorpholine		----------NA----------				
26		o-Toluidine		----------NA----------				
27		Acetophenone		----------NA----------				
28		Hexachloroethane	0.574	0.616	-7.3	113	0.00	5.14
29	P	N-Nitroso-di-n-propylamin	1.038	1.200	-15.6	120	-0.01	5.06
30		3&4-Methylphenol	1.389	1.362	1.9	102	0.00	5.10
31	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00	5.94
32	S	Nitrobenzene-d5		----------NA----------				
33		Nitrobenzene	0.366	0.420	-14.8	116	0.00	5.21
34		N-Nitrosopiperidine		----------NA----------				
35		A,A-Dimethylphenethylamin		----------NA----------				
36		Isophorone	0.735	0.808	-9.9	109	0.00	5.46
37	C	2-Nitrophenol	0.166	0.206	-24.1	126	0.00	5.53

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICV921
Lab FileID: J155050.D

38		2,4-Dimethylphenol	0.341	0.363	-6.5	105	0.00	5.60
39		bis(2-Chloroethoxy)methan	0.527	0.455	13.7	86	0.00	5.67
40		O,O,O-Triethyl phosphorot		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
41		Benzoic Acid	50.000	73.056	-46.1	173	0.04	5.79
		----------	AvgRF	CCRF	%Dev	----------		
42	C	2,4-Dichlorophenol	0.247	0.297	-20.2	117	0.00	5.81
43		1,2,4-Trichlorobenzene	0.300	0.322	-7.3	107	0.01	5.88
44		Naphthalene	1.023	1.122	-9.7	110	0.00	5.97
45		4-Chloroaniline	0.386	0.255	33.9	68	0.00	6.03
46		2,6-Dichlorophenol		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
47		Hexachloropropene		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
48	C	Hexachlorobutadiene	0.155	0.176	-13.5	113	0.00	6.12
49		p-Phenylenediamine		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
50		Caprolactam		----------NA----------				
51		N-Nitrosodi-n-butylamine		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
52	C	4-Chloro-3-methylphenol	0.284	0.344	-21.1	117	-0.01	6.67
53		Isosafrole		----------NA----------				
54		2-Methylnaphthalene	0.685	0.743	-8.5	108	0.00	6.84
55		1-Methylnaphthalene	0.672	0.738	-9.8	109	0.00	6.98
56		1,2,4,5-Tetrachlorobenzen		----------NA----------				
57	I	Acenaphthene-d10	1.000	1.000	0.0	93	0.01	8.47
		----------	Amount	Calc.	%Drift	----------		
58	P	Hexachlorocyclopentadiene	50.000	75.431	-50.9	198	0.00	7.08
59	C	2,4,6-Trichlorophenol	50.000	49.748	0.5	120	0.00	7.27
60		2,4,5-Trichlorophenol	50.000	53.087	-6.2	133	-0.02	7.34
		----------	AvgRF	CCRF	%Dev	----------		
61	S	2-Fluorobiphenyl		----------NA----------				
62		Safrole		----------NA----------				
63		1,1'-Biphenyl		----------NA----------				
64		2-Chloronaphthalene	1.158	1.080	6.7	89	0.00	7.55
		----------	Amount	Calc.	%Drift	----------		
65		1-Chloronaphthalene		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
66		2-Nitroaniline	0.352	0.357	-1.4	97	0.00	7.73
67		1,4-Naphthoquinone		----------NA----------				
68		Acenaphthylene	1.584	1.841	-16.2	111	0.00	8.22
69		Dimethylphthalate	1.172	1.368	-16.7	111	0.01	8.07
70		m-Dinitrobenzene	0.181	0.218	-20.4	111	0.01	8.09
71		2,6-Dinitrotoluene	0.273	0.324	-18.7	110	0.01	8.14
72	C	Acenaphthene	1.015	1.141	-12.4	108	0.01	8.53
73		3-Nitroaniline	0.253	0.253	0.0	95	0.00	8.43
		----------	Amount	Calc.	%Drift	----------		
74	P	2,4-Dinitrophenol	50.000	61.294	-22.6	123	0.00	8.61

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICV921
Lab FileID: J155050.D

			AvgRF	CCRF	%Dev			
75		Dibenzofuran	1.355	1.548	-14.2	110	0.00	8.83
76		Pentachlorobenzene	0.287	0.336	-17.1	111	0.00	10.43
77		2,4-Dinitrotoluene	0.334	0.402	-20.4	112	0.00	8.85
			Amount	Calc.	%Drift			
78	P	4-Nitrophenol	50.000	64.237	-28.5	121	-0.02	8.86
79		1-Naphthylamine		NA				
80		2-Naphthylamine		NA				
81		2,3,4,6-Tetrachlorophenol	50.000	65.137	-30.3	120	0.00	9.10
			AvgRF	CCRF	%Dev			
82		Fluorene	1.132	1.321	-16.7	112	0.01	9.46
83		4-Chlorophenyl-phenylethe	0.510	0.601	-17.8	114	0.01	9.49
84		Diethylphthalate	1.213	1.441	-18.8	112	0.01	9.34
85		5-Nitro-o-toluidine		NA				
86		Thionazin		NA				
87		4-Nitroaniline	0.247	0.192	22.3	73	-0.01	9.54
88	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00	11.28
			Amount	Calc.	%Drift			
89		4,6-Dinitro-2-methylpheno	50.000	65.533	-31.1	122	0.00	9.62
			AvgRF	CCRF	%Dev			
90	C	n-Nitrosodiphenylamine	0.587	0.574	2.2	92	0.00	9.73
91		1,2-Diphenylhydrazine	0.757	0.887	-17.2	112	0.00	9.79
92		Diphenylamine	0.587	0.574	2.2	92	0.00	9.73
93	S	2,4,6-Tribromophenol		NA				
94		Tetraethyl dithiopyrophos		NA				
			Amount	Calc.	%Drift			
95		sym-Trinitrobenzene		NA				
			AvgRF	CCRF	%Dev			
96		Diallate		NA				
97		Phorate		NA				
98		4-Bromophenyl-phenylether	0.178	0.210	-18.0	113	0.00	10.43
99		Phenacetin		NA				
100		Hexachlorobenzene	0.194	0.221	-13.9	108	0.00	10.55
			Amount	Calc.	%Drift			
101		Dimethoate		NA				
102		Atrazine		NA				
			AvgRF	CCRF	%Dev			
103		4-aminobiphenyl		NA				
			Amount	Calc.	%Drift			
104	C	Pentachlorophenol	50.000	55.058	-10.1	124	-0.02	10.97
			AvgRF	CCRF	%Dev			
105		Pentachloronitrobenzene		NA				
106		Pronamide		NA				
107		Phenanthrene	0.964	1.120	-16.2	110	0.00	11.33
108		Anthracene	0.968	1.092	-12.8	106	0.00	11.44
109		Disulfoton		NA				
110		Carbazole	0.889	0.986	-10.9	103	0.00	11.80

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICV921
Lab FileID: J155050.D

			Amount	Calc.	%Drift			
111		Methyl parathion		NA				
			AvgRF	CCRF	%Dev			
112		Di-n-butylphthalate	1.320	1.552	-17.6	110	0.00	12.64
113		4-Nitroquinoline 1-Oxide		NA				
114		Parathion		NA				
			Amount	Calc.	%Drift			
115		Methapyrilene		NA				
			AvgRF	CCRF	%Dev			
116		Isodrin		NA				
			Amount	Calc.	%Drift			
117	C	Fluoranthene	50.000	60.030	-20.1	112	0.01	13.79
			AvgRF	CCRF	%Dev			
118	I	Chrysene-d12	1.000	1.000	0.0	105	0.02	16.84
			Amount	Calc.	%Drift			
119		Benzidine		NA				
			AvgRF	CCRF	%Dev			
120		Pyrene	1.335	1.479	-10.8	110	0.01	14.25
121	S	Terphenyl-d14		NA				
122		Aramite		NA				
123		p-(Dimethylamine)azobenze		NA				
124		Chlorobenzilate		NA				
125		Kepone		NA				
			Amount	Calc.	%Drift			
126		3,3'-Dimethylbenzidine		NA				
			AvgRF	CCRF	%Dev			
127		Famphur		NA				
128		Butylbenzylphthalate	0.647	0.791	-22.3	124	0.01	15.78
129		2-Acetylaminofluorene		NA				
130		3,3'-Dichlorobenzidine	0.277	0.217	21.7	83	0.01	16.81
131		Benzo[a]anthracene	0.991	1.184	-19.5	126	0.01	16.81
132		Chrysene	0.957	1.143	-19.4	128	0.02	16.89
133		bis(2-Ethylhexyl)phthalat	0.871	1.053	-20.9	124	0.00	17.06
134	I	Perylene-d12	1.000	1.000	0.0	123	0.01	19.64
135	C	Di-n-octylphthalate	2.335	2.587	-10.8	138	0.01	18.35
136		Benzo[b]fluoranthene	1.322	1.567	-18.5	147	0.01	18.95
137		Benzo[k]fluoranthene	1.254	1.428	-13.9	142	0.01	19.01
			Amount	Calc.	%Drift			
138		7,12-Dimethylbenz(a)anthr		NA				
			AvgRF	CCRF	%Dev			
139		Hexachlorophene		NA				
140	C	Benzo[a]pyrene	1.110	1.144	-3.1	125	0.02	19.54
141		3-Methylcholanthrene		NA				
			Amount	Calc.	%Drift			
142		Indeno[1,2,3-cd]pyrene	50.000	60.661	-21.3	149	0.02	21.82
143		Dibenz[a,h]anthracene	50.000	61.427	-22.9	147	0.02	21.86

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ921-ICV921
Lab FileID: J155050.D

144	Benzo[g,h,i]perylene	50.000	61.005	-22.0	153	0.03	22.44

(#) = Out of Range
j155042.D ej921ap9.m Sun Sep 05 16:18:13 2010

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EJ923-CC921
Lab FileID: J155070.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\ej923\j155070.D            Vial: 2
Acq On    :  7 Sep 2010  10:37 am                     Operator: sheilac
Sample    : cc921-50                                  Inst    : MSJ
Misc      : op14950,Ej923,1000,,,1,1,water            Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\ej921ap9.m (RTE Integrator)
Title        : SW846 8270C Appendix 9
Last Update  : Sun Sep 05 15:31:39 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  50%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	-0.03	4.65
2		bis(Chloromethyl)ether	0.918	0.937	-2.1	88	-0.03	2.03
		----------	Amount	Calc.	%Drift		----------	
3		1,4-Dioxane	50.000	50.855	-1.7	80	-0.02	1.99
		----------	AvgRF	CCRF	%Dev		----------	
4		N-nitrosodimethylamine	0.656	0.593	9.6	86	-0.02	2.34
5		Pyridine	1.499	1.443	3.7	84	-0.02	2.32
6		2-Picoline	1.553	1.564	-0.7	87	-0.02	3.02
7		N-Nitrosomethylethylamine	0.805	0.802	0.4	89	-0.02	3.16
8		Methyl methanesulfonate	0.694	0.709	-2.2	89	-0.02	3.43
9		N-Nitrosodiethylamine	0.744	0.753	-1.2	87	-0.02	3.77
10		Ethyl methanesulfonate	1.042	1.077	-3.4	90	-0.02	4.03
11		Benzaldehyde	0.410	0.446	-8.8	85	-0.03	4.28
12		Aniline	1.478	1.831	-23.9	96	-0.02	4.39
13	S	2-Fluorophenol	1.201	1.223	-1.8	88	-0.02	3.59
14		bis(2-Chloroethyl)ether	1.770	1.653	6.6	86	-0.02	4.44
15	S	Phenol-d5	1.460	1.486	-1.8	91	-0.02	4.40
16	C	Phenol	1.785	1.856	-4.0	91	-0.02	4.41
17		2-Chlorophenol	1.345	1.417	-5.4	92	-0.02	4.50
18		1,3-Dichlorobenzene	1.510	1.570	-4.0	92	-0.03	4.60
19	C	1,4-Dichlorobenzene	1.582	1.560	1.4	85	-0.03	4.66
20		1,2-Dichlorobenzene	1.433	1.450	-1.2	88	-0.03	4.80
21		Benzyl alcohol	0.902	0.983	-9.0	94	-0.02	4.79
22		bis(2-chloroisopropyl)eth	2.452	2.581	-5.3	91	-0.03	4.90
23		2-Methylphenol	1.288	1.370	-6.4	93	-0.02	4.95
24		N-Nitrosopyrrolidine	0.759	0.824	-8.6	91	-0.02	5.02
25		N-Nitrosomorpholine	0.955	1.023	-7.1	92	-0.02	5.04
26		o-Toluidine	2.279	2.441	-7.1	91	-0.02	5.06
27		Acetophenone	1.868	1.941	-3.9	91	-0.02	5.03
28		Hexachloroethane	0.574	0.602	-4.9	91	-0.03	5.11
29	P	N-Nitroso-di-n-propylamin	1.038	1.090	-5.0	90	-0.03	5.04
30		3&4-Methylphenol	1.389	1.506	-8.4	93	-0.03	5.07
31	I	Naphthalene-d8	1.000	1.000	0.0	86	-0.03	5.91
32	S	Nitrobenzene-d5	0.352	0.356	-1.1	92	-0.03	5.17
33		Nitrobenzene	0.366	0.372	-1.6	92	-0.03	5.18
34		N-Nitrosopiperidine	0.256	0.269	-5.1	93	-0.03	5.33
35		A,A-Dimethylphenethylamin		----------NA----------				
36		Isophorone	0.735	0.762	-3.7	92	-0.03	5.42
37	C	2-Nitrophenol	0.166	0.182	-9.6	100	-0.03	5.49

Continuing Calibration Summary

Job Number: T59309 **Sample:** EJ923-CC921
Account: RFWTXHO Weston Solutions **Lab FileID:** J155070.D
Project: DeepWater Horizon Weekday

38		2,4-Dimethylphenol	0.341	0.362	-6.2	94	-0.03	5.57
39		bis(2-Chloroethoxy)methan	0.527	0.543	-3.0	92	-0.03	5.64
40		O,O,O-Triethyl phosphorot	0.164	0.168	-2.4	91	-0.03	5.62
		----------	Amount	Calc.	%Drift		----------	
41		Benzoic Acid	50.000	54.472	-8.9	96	-0.01	5.74
		----------	AvgRF	CCRF	%Dev		----------	
42	C	2,4-Dichlorophenol	0.247	0.268	-8.5	95	-0.03	5.78
43		1,2,4-Trichlorobenzene	0.300	0.303	-1.0	91	-0.03	5.84
44		Naphthalene	1.023	1.037	-1.4	91	-0.03	5.93
45		4-Chloroaniline	0.386	0.409	-6.0	98	-0.03	6.00
46		2,6-Dichlorophenol	0.244	0.260	-6.6	93	-0.03	6.01
		----------	Amount	Calc.	%Drift		----------	
47		Hexachloropropene	50.000	55.881	-11.8	105	-0.03	6.03
		----------	AvgRF	CCRF	%Dev		----------	
48	C	Hexachlorobutadiene	0.155	0.156	-0.6	90	-0.03	6.08
49		p-Phenylenediamine		----------NA----------				
		----------	Amount	Calc.	%Drift		----------	
50		Caprolactam	50.000	56.938	-13.9	95	-0.03	6.47
51		N-Nitrosodi-n-butylamine	50.000	56.878	-13.8	94	-0.03	6.41
		----------	AvgRF	CCRF	%Dev		----------	
52	C	4-Chloro-3-methylphenol	0.284	0.313	-10.2	96	-0.03	6.65
53		Isosafrole	0.263	0.271	-3.0	90	-0.03	6.68
54		2-Methylnaphthalene	0.685	0.704	-2.8	92	-0.04	6.79
55		1-Methylnaphthalene	0.672	0.688	-2.4	91	-0.04	6.93
56		1,2,4,5-Tetrachlorobenzen	0.264	0.271	-2.7	91	-0.04	7.04
57	I	Acenaphthene-d10	1.000	1.000	0.0	89	-0.04	8.42
		----------	Amount	Calc.	%Drift		----------	
58	P	Hexachlorocyclopentadiene	50.000	53.395	-6.8	111	-0.04	7.03
		----------	AvgRF	CCRF	%Dev		----------	
59	C	2,4,6-Trichlorophenol	0.245	0.266	-8.6	96	-0.03	7.23
60		2,4,5-Trichlorophenol	0.232	0.248	-6.9	97	-0.04	7.32
61	S	2-Fluorobiphenyl	1.016	0.978	3.7	91	-0.04	7.34
62		Safrole	0.414	0.421	-1.7	94	-0.04	7.44
63		1,1'-Biphenyl	1.193	1.177	1.3	91	-0.04	7.49
64		2-Chloronaphthalene	1.158	1.169	-0.9	92	-0.05	7.51
		----------	Amount	Calc.	%Drift		----------	
65		1-Chloronaphthalene	50.000	51.553	-3.1	88	-0.04	7.55
		----------	AvgRF	CCRF	%Dev		----------	
66		2-Nitroaniline	0.352	0.366	-4.0	95	-0.04	7.68
67		1,4-Naphthoquinone	0.361	0.386	-6.9	94	-0.04	7.78
68		Acenaphthylene	1.584	1.566	1.1	90	-0.04	8.17
69		Dimethylphthalate	1.172	1.172	0.0	91	-0.04	8.02
70		m-Dinitrobenzene	0.181	0.190	-5.0	93	-0.03	8.05
71		2,6-Dinitrotoluene	0.273	0.280	-2.6	91	-0.04	8.09
72	C	Acenaphthene	1.015	1.004	1.1	91	-0.04	8.48
73		3-Nitroaniline	0.253	0.261	-3.2	94	-0.04	8.38
		----------	Amount	Calc.	%Drift		----------	
74	P	2,4-Dinitrophenol	50.000	53.548	-7.1	99	-0.04	8.57

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ923-CC921
Lab FileID: J155070.D

			AvgRF	CCRF	%Dev			
75		Dibenzofuran	1.355	1.345	0.7	92	-0.05	8.78
76		Pentachlorobenzene	0.287	0.281	2.1	89	-0.05	10.38
77		2,4-Dinitrotoluene	0.334	0.342	-2.4	91	-0.04	8.80
			Amount	Calc.	%Drift			
78	P	4-Nitrophenol	50.000	51.419	-2.8	94	-0.03	8.85
79		1-Naphthylamine	50.000	49.960	0.1	85	-0.05	8.92
80		2-Naphthylamine	50.000	46.895	6.2	81	-0.04	9.07
81		2,3,4,6-Tetrachlorophenol	50.000	53.918	-7.8	93	-0.04	9.05
			AvgRF	CCRF	%Dev			
82		Fluorene	1.132	1.113	1.7	91	-0.04	9.41
83		4-Chlorophenyl-phenylethe	0.510	0.493	3.3	90	-0.04	9.44
84		Diethylphthalate	1.213	1.216	-0.2	91	-0.04	9.28
85		5-Nitro-o-toluidine	0.328	0.338	-3.0	92	-0.04	9.48
86		Thionazin	0.170	0.174	-2.4	91	-0.05	10.28
87		4-Nitroaniline	0.247	0.247	0.0	90	-0.04	9.51
88	I	Phenanthrene-d10	1.000	1.000	0.0	91	-0.05	11.23
			Amount	Calc.	%Drift			
89		4,6-Dinitro-2-methylpheno	50.000	52.317	-4.6	93	-0.04	9.57
			AvgRF	CCRF	%Dev			
90	C	n-Nitrosodiphenylamine	0.587	0.585	0.3	92	-0.04	9.68
91		1,2-Diphenylhydrazine	0.757	0.752	0.7	93	-0.05	9.73
92		Diphenylamine	0.587	0.585	0.3	92	-0.04	9.68
93	S	2,4,6-Tribromophenol	0.063	0.065	-3.2	92	-0.04	9.89
94		Tetraethyl dithiopyrophos	0.123	0.122	0.8	91	-0.04	10.05
			Amount	Calc.	%Drift			
95		sym-Trinitrobenzene	50.000	49.071	1.9	92	-0.03	10.31
			AvgRF	CCRF	%Dev			
96		Diallate	0.344	0.341	0.9	92	-0.05	10.27
97		Phorate	0.587	0.640	-9.0	92	-0.04	10.28
98		4-Bromophenyl-phenylether	0.178	0.172	3.4	90	-0.05	10.38
99		Phenacetin	0.332	0.326	1.8	90	-0.04	10.38
100		Hexachlorobenzene	0.194	0.185	4.6	88	-0.05	10.49
			Amount	Calc.	%Drift			
101		Dimethoate	50.000	48.046	3.9	85	-0.04	10.61
102		Atrazine	50.000	46.236	7.5	84	-0.04	10.80
			AvgRF	CCRF	%Dev			
103		4-aminobiphenyl	0.570	0.542	4.9	89	-0.05	10.91
104	C	Pentachlorophenol	0.068	0.064	5.9	84	-0.04	10.94
105		Pentachloronitrobenzene	0.078	0.077	1.3	89	-0.05	10.94
106		Pronamide	0.324	0.315	2.8	88	-0.05	11.11
107		Phenanthrene	0.964	0.934	3.1	89	-0.05	11.28
108		Anthracene	0.968	0.953	1.5	90	-0.05	11.38
109		Disulfoton	0.490	0.482	1.6	57	-0.11	11.32
110		Carbazole	0.889	0.876	1.5	90	-0.04	11.75
			Amount	Calc.	%Drift			
111		Methyl parathion	50.000	49.186	1.6	87	-0.05	12.07
			AvgRF	CCRF	%Dev			

Continuing Calibration Summary

Job Number: T59309 **Sample:** EJ923-CC921
Account: RFWTXHO Weston Solutions **Lab FileID:** J155070.D
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112		Di-n-butylphthalate	1.320	1.266	4.1	88	-0.05	12.59
113		4-Nitroquinoline 1-Oxide	0.044	0.058	-31.8	102	-0.05	12.89
114		Parathion	0.157	0.158	-0.6	89	-0.05	12.92
			Amount	Calc.	%Drift			
115		Methapyrilene	50.000	45.343	9.3	87	-0.05	13.13
			AvgRF	CCRF	%Dev			
116		Isodrin	0.123	0.118	4.1	87	-0.05	13.40
			Amount	Calc.	%Drift			
117	C	Fluoranthene	50.000	52.009	-4.0	87	-0.05	13.73
			AvgRF	CCRF	%Dev			
118	I	Chrysene-d12	1.000	1.000	0.0	92	-0.05	16.77
			Amount	Calc.	%Drift			
119		Benzidine	50.000	38.294	23.4	72	-0.05	14.07
			AvgRF	CCRF	%Dev			
120		Pyrene	1.335	1.342	-0.5	88	-0.05	14.19
121	S	Terphenyl-d14	0.753	0.748	0.7	87	-0.05	14.62
122		Aramite	0.081	0.085	-4.9	86	-0.05	14.65
123		p-(Dimethylamine)azobenze	0.421	0.435	-3.3	90	-0.05	14.92
124		Chlorobenzilate	0.461	0.476	-3.3	90	-0.05	15.06
125		Kepone		----------NA----------				
			Amount	Calc.	%Drift			
126		3,3'-Dimethylbenzidine	50.000	49.014	2.0	94	-0.05	15.62
			AvgRF	CCRF	%Dev			
127		Famphur		----------NA----------				
128		Butylbenzylphthalate	0.647	0.658	-1.7	90	-0.05	15.71
129		2-Acetylaminofluorene	0.324	0.326	-0.6	91	-0.05	16.17
130		3,3'-Dichlorobenzidine	0.277	0.271	2.2	91	-0.05	16.75
131		Benzo[a]anthracene	0.991	0.974	1.7	91	-0.05	16.75
132		Chrysene	0.957	0.929	2.9	91	-0.05	16.83
133		bis(2-Ethylhexyl)phthalat	0.871	0.869	0.2	90	-0.05	17.00
134	I	Perylene-d12	1.000	1.000	0.0	94	-0.06	19.57
135	C	Di-n-octylphthalate	2.335	2.241	4.0	91	-0.05	18.29
136		Benzo[b]fluoranthene	1.322	1.228	7.1	88	-0.05	18.89
137		Benzo[k]fluoranthene	1.254	1.220	2.7	93	-0.06	18.94
			Amount	Calc.	%Drift			
138		7,12-Dimethylbenz(a)anthr	50.000	50.290	-0.6	87	-0.06	18.88
			AvgRF	CCRF	%Dev			
139		Hexachlorophene		----------NA----------				
140	C	Benzo[a]pyrene	1.110	1.084	2.3	91	-0.06	19.46
141		3-Methylcholanthrene	0.492	0.505	-2.6	94	-0.07	20.13
			Amount	Calc.	%Drift			
142		Indeno[1,2,3-cd]pyrene	50.000	55.567	-11.1	103	-0.08	21.72
143		Dibenz[a,h]anthracene	50.000	58.286	-16.6	103	-0.08	21.76
144		Benzo[g,h,i]perylene	50.000	54.869	-9.7	102	-0.08	22.33

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EJ923-CC921
Lab FileID: J155070.D

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(#) = Out of Range                SPCC's out = 0  CCC's out = 0
 j155042.D  ej921ap9.m       Tue Sep 07 11:37:03 2010
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EP621-ICC621
Lab FileID: P13144.D

Response Factor Report GCMS P

Method : C:\msdchem\1\METHODS\ep621a9.m (RTE Integrator)
Title : SW846 8270C Appendix 9
Last Update : Sat Sep 04 12:42:30 2010
Response via : Initial Calibration

Calibration Files
5 =p13145.D 25 =p13147.D 50 =p13144.D 75 =p13148.D
100 =p13149.D 125 =p13150.D 10 =p13146.D

	Compound	5	25	50	75	100	125	10	Avg	%RSD
1) I	1,4-Dichlorobenzene-d	----------ISTD----------								
2)	bis(Chloromethyl)	0.849	0.902	0.735	0.703	0.673	0.777	0.779	0.774	10.41
3)	1,4-Dioxane	0.427	0.483	0.415	0.398	0.377	0.430	0.408	0.420	7.91
4)	N-nitrosodimethyl	0.605	0.698	0.585	0.580	0.557	0.635	0.577	0.605	7.91
5)	Pyridine	1.124	1.385	1.195	1.209	1.139	1.308	1.073	1.205	9.08
6)	2-Picoline	1.213	1.437	1.227	1.235	1.228	1.446	1.152	1.277	9.09
7)	N-Nitrosomethylet	0.793	0.928	0.779	0.774	0.770	0.885	0.743	0.810	8.43
8)	Methyl methanesul	0.707	0.831	0.692	0.686	0.686	0.782	0.672	0.722	8.34
9)	N-Nitrosodiethyla	0.641	0.742	0.623	0.614	0.608	0.703	0.612	0.649	8.09
10)	Ethyl methanesulf	1.051	1.222	1.022	1.007	1.021	1.172	0.994	1.070	8.39
11)	Benzaldehyde	0.350	0.464	0.372	0.300	0.268		0.385	0.356	19.29
	---- Quadratic regression ---- Coefficient = 0.9935									
	Response Ratio = -0.00740 + 0.48193 *A + -0.08666 *A^2									
12)	Aniline	1.991	2.281	1.901	1.815	1.698	1.893	1.898	1.925	9.43
13)S	2-Fluorophenol	1.104	1.262	1.063	1.056	1.037	1.188	1.039	1.107	7.80
14)	bis(2-Chloroethyl	1.579	1.569	1.204	1.266	1.313	1.509	1.418	1.408	10.70
15)S	Phenol-d5	1.598	1.659	1.309	1.295	1.241	1.327	1.467	1.414	11.54
16)C	Phenol	1.703	1.821	1.446	1.424	1.376	1.488	1.583	1.549	10.49
17)	2-Chlorophenol	1.331	1.424	1.151	1.135	1.103	1.173	1.223	1.220	9.55
18)	1,3-Dichlorobenze	1.600	1.752	1.375	1.390	1.316	1.406	1.472	1.473	10.37
19)C	1,4-Dichlorobenze	1.615	1.707	1.419	1.419	1.401	1.578	1.501	1.520	7.69
20)	1,2-Dichlorobenze	1.579	1.658	1.330	1.315	1.285	1.470	1.454	1.441	9.80
21)	Benzyl alcohol	0.905	1.043	0.852	0.845	0.856	0.983	0.870	0.908	8.41
22)	bis(2-chloroisopr	3.013	3.103	2.444	2.244	1.998	2.110	2.759	2.524	17.43
	---- Quadratic regression ---- Coefficient = 0.9908									
	Response Ratio = 0.21399 + 2.35556 *A + -0.12094 *A^2									
23)	2-Methylphenol	1.314	1.463	1.198	1.160	1.210	1.425	1.223	1.285	9.26
24)	N-Nitrosopyrrolid	0.823	0.887	0.701	0.648	0.649	0.741	0.768	0.745	11.91
25)	N-Nitrosomorpholi	1.322	1.285	0.920	0.821	0.802		1.202	1.059	22.45
26)	o-Toluidine	2.385	2.546	2.043	1.958	1.902	2.105	2.318	2.179	11.01
27)	Acetophenone	2.047	2.156	1.719	1.654	1.593	1.671	1.884	1.818	11.87
28)	Hexachloroethane	0.688	0.739	0.555	0.528	0.486	0.510	0.655	0.594	16.58
	---- Quadratic regression ---- Coefficient = 0.9923									
	Response Ratio = 0.05476 + 0.52903 *A + -0.01567 *A^2									
29)P	N-Nitroso-di-n-pr	1.239	1.163	0.888	0.895	0.874	1.031	1.121	1.030	14.42
30)	3&4-Methylphenol	1.370	1.499	1.241	1.191	1.149	1.266	1.277	1.285	9.15
31) I	Naphthalene-d8	----------ISTD----------								
32)S	Nitrobenzene-d5	0.469	0.471	0.373	0.346	0.325	0.343	0.428	0.394	15.69
	---- Quadratic regression ---- Coefficient = 0.9937									
	Response Ratio = 0.07256 + 0.34254 *A + -0.00314 *A^2									
33)	Nitrobenzene	0.495	0.489	0.388	0.358	0.344		0.453	0.421	15.82

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            ---- Quadratic regression ----  Coefficient =  0.9963
              Response Ratio = 0.01854 + 0.42717 *A + -0.03774 *A^2

34)  N-Nitrosopiperidi 0.389 0.416 0.330 0.304 0.290 0.315 0.361 0.343  13.56
35)  A,A-Dimethylphene 1.281 1.844 1.553 1.599 1.373 1.449 1.361 1.494  12.71
36)  Isophorone        0.927 0.959 0.795 0.757 0.723 0.800 0.855 0.831  10.48
37)C 2-Nitrophenol     0.157 0.197 0.157 0.160 0.168 0.197 0.157 0.170  10.86
38)  2,4-Dimethylpheno 0.432 0.460 0.367 0.350 0.329 0.341 0.409 0.384  13.07
39)  bis(2-Chloroethox 0.530 0.587 0.503 0.480 0.461 0.509 0.517 0.512   7.87
40)  O,O,O-Triethyl ph 0.208 0.206 0.165 0.152 0.117 0.113 0.190 0.165  23.96
41)  Benzoic Acid            0.090 0.088 0.135 0.174 0.210 0.004 0.117  62.19
            ---- Quadratic regression ----  Coefficient =  0.9981
              Response Ratio = 0.00091 + 0.02161 *A + 0.06016 *A^2

42)C 2,4-Dichloropheno 0.296 0.343 0.273 0.270 0.267 0.289 0.286 0.289   9.00
43)  1,2,4-Trichlorobe 0.395 0.412 0.331 0.324 0.318 0.354 0.366 0.357  10.15
44)  Naphthalene       1.230 1.182 0.938 0.890 0.827       1.110 1.029  16.21
            ---- Quadratic regression ----  Coefficient =  0.9973
              Response Ratio = 0.03709 + 1.07131 *A + -0.10533 *A^2

45)  4-Chloroaniline   0.466 0.494 0.391 0.386 0.368 0.401 0.444 0.421  11.14
46)  2,6-Dichloropheno 0.304 0.332 0.269 0.269 0.262 0.291 0.287 0.288   8.54
47)  Hexachloropropene 0.114 0.152 0.119 0.146 0.147 0.172 0.115 0.138  16.10
            ---- Quadratic regression ----  Coefficient =  0.9947
              Response Ratio = 0.01042 + 0.08633 *A + 0.02556 *A^2

48)C Hexachlorobutadie 0.242 0.262 0.214 0.211 0.197 0.210 0.227 0.223  10.02
49)  p-Phenylenediamin 0.012 0.165 0.126 0.131 0.109 0.099 0.047 0.099  53.20
50)  Caprolactam       0.129 0.166 0.139 0.135 0.126 0.157 0.127 0.140  11.25
51)  N-Nitrosodi-n-but 0.352 0.374 0.303 0.292 0.281 0.316 0.390 0.330  12.80
52)C 4-Chloro-3-methyl 0.338 0.407 0.325 0.320 0.308 0.338 0.326 0.337   9.64
53)  Isosafrole        0.330 0.338 0.275 0.267 0.261 0.297 0.300 0.296  10.23
54)  2-Methylnaphthale 0.869 0.862 0.678 0.628 0.640 0.817 0.792 0.755  13.73
55)  1-Methylnaphthale 0.855 0.844 0.665 0.624 0.601 0.672 0.774 0.719  14.50
56)  1,2,4,5-Tetrachlo 0.389 0.415 0.341 0.338 0.332 0.364 0.358 0.362   8.34

57) I   Acenaphthene-d10      ----------------ISTD---------------------
58)P Hexachlorocyclope 0.053 0.116 0.094 0.134 0.145 0.184 0.062 0.112  41.45
            ---- Quadratic regression ----  Coefficient =  0.9948
              Response Ratio = 0.00818 + 0.04043 *A + 0.04398 *A^2

59)C 2,4,6-Trichloroph 0.273 0.366 0.306 0.293 0.296 0.340 0.276 0.307  11.11
60)  2,4,5-Trichloroph 0.253 0.360 0.297 0.277 0.251 0.310 0.257 0.286  13.80
61)S 2-Fluorobiphenyl  1.330 1.286 1.038 0.924 0.845       1.172 1.099  17.86
            ---- Quadratic regression ----  Coefficient =  0.9975
              Response Ratio = 0.05026 + 1.23358 *A + -0.08130 *A^2

62)  Safrole           0.507 0.826 0.676 0.924 1.009 1.162 0.527 0.805  30.70
            ---- Quadratic regression ----  Coefficient =  0.9972
              Response Ratio = 0.02682 + 0.46425 *A + 0.21928 *A^2

63)  1,1'-Biphenyl     1.483 1.371 1.106 0.969 0.865 0.869 1.307 1.139  22.06
            ---- Quadratic regression ----  Coefficient =  0.9932
              Response Ratio = 0.09648 + 1.10413 *A + -0.09250 *A^2

64)  2-Chloronaphthale 1.157 1.195 0.931 0.812 0.868 0.813 1.149 0.989  17.33
            ---- Quadratic regression ----  Coefficient =  0.9930
              Response Ratio = 0.08421 + 0.89574 *A + -0.03458 *A^2

65)  1-Chloronaphthale 1.106 0.812 0.468 0.469 0.341 0.281 0.944 0.632  50.75
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EP621-ICC621
Lab FileID: P13144.D

```
66)  2-Nitroaniline    0.408 0.451 0.390 0.361 0.349 0.387 0.376 0.389   8.60
67)  1,4-Naphthoquinon 0.479 0.511 0.390 0.324 0.312 0.325 0.456 0.399  20.71
68)  Acenaphthylene    1.996 1.941 1.555 1.384 1.331       1.809 1.669  17.14
            ---- Quadratic regression ----  Coefficient =  0.9958
              Response Ratio = 0.07354 + 1.72263 *A + -0.17569 *A^2

69)  Dimethylphthalate 1.439 1.505 1.259 1.160 1.081 1.146 1.320 1.273  12.40
70)  m-Dinitrobenzene  0.177 0.232 0.191 0.182 0.174 0.194 0.181 0.190  10.52
71)  2,6-Dinitrotoluen 0.317 0.326 0.278 0.253 0.241 0.260 0.294 0.281  11.54
72)C Acenaphthene      1.279 1.254 1.018 0.893 0.852       1.149 1.074  16.91
            ---- Quadratic regression ----  Coefficient =  0.9960
              Response Ratio = 0.03719 + 1.14949 *A + -0.12976 *A^2

73)  3-Nitroaniline    0.257 0.322 0.273 0.266 0.253 0.280 0.253 0.272   8.96
74)P 2,4-Dinitrophenol 0.043 0.146 0.137 0.142 0.150 0.173 0.064 0.122  39.96
            ---- Quadratic regression ----  Coefficient =  0.9959
              Response Ratio = -0.00293 + 0.10856 *A + 0.01995 *A^2

75)  Dibenzofuran      1.747 1.777 1.432 1.303 1.234 1.368 1.600 1.494  14.45
76)  Pentachlorobenzen 0.501 0.543 0.460 0.434 0.432 0.495 0.463 0.475   8.43
77)  2,4-Dinitrotoluen 0.397 0.478 0.397 0.368 0.339 0.371 0.385 0.391  11.11
78)P 4-Nitrophenol     0.114 0.174 0.151 0.178 0.157 0.167 0.127 0.152  15.71
            ---- Linear regression ----  Coefficient =  0.9938
              Response Ratio = -0.00538 + 0.16680 *A

79)  1-Naphthylamine   0.394 0.896 0.791 0.758 0.696 0.729 0.463 0.675  26.83
            ---- Quadratic regression ----  Coefficient =  0.9946
              Response Ratio = -0.04336 + 0.86060 *A + -0.04332 *A^2

80)  2-Naphthylamine   0.392 0.762 0.672 0.661 0.624 0.646 0.309 0.581  28.37
            ---- Quadratic regression ----  Coefficient =  0.9959
              Response Ratio = -0.04564 + 0.73626 *A + -0.02781 *A^2

81)  2,3,4,6-Tetrachlo 0.194 0.324 0.274 0.270 0.276 0.315 0.221 0.268  17.44
            ---- Quadratic regression ----  Coefficient =  0.9936
              Response Ratio = 0.01495 + 0.21506 *A + 0.02800 *A^2

82)  Fluorene          1.504 1.481 1.179 1.081 1.013       1.372 1.272  16.49
            ---- Quadratic regression ----  Coefficient =  0.9970
              Response Ratio = 0.04426 + 1.34780 *A + -0.14463 *A^2

83)  4-Chlorophenyl-ph 0.696 0.740 0.605 0.571 0.556 0.617 0.644 0.633  10.49
84)  Diethylphthalate  1.620 1.670 1.344 1.196 1.082       1.491 1.400  16.75
            ---- Quadratic regression ----  Coefficient =  0.9974
              Response Ratio = 0.01635 + 1.63538 *A + -0.22768 *A^2

85)  5-Nitro-o-toluidi 0.381 0.465 0.384 0.352 0.336 0.365 0.006 0.327  45.15
86)  Thionazin         0.386 0.408 0.342 0.320 0.299 0.320 0.363 0.348  11.32
87)  4-Nitroaniline    0.274 0.378 0.310 0.303 0.282 0.296 0.278 0.303  11.79

88) I   Phenanthrene-d10      ----------------ISTD---------------------
89)  4,6-Dinitro-2-met 0.059 0.123 0.107 0.103 0.104 0.122 0.073 0.099  24.55
            ---- Quadratic regression ----  Coefficient =  0.9910
              Response Ratio = 0.00418 + 0.08218 *A + 0.01127 *A^2

90)C n-Nitrosodiphenyl 0.682 0.694 0.557 0.495 0.471 0.514 0.638 0.579  15.91
            ---- Quadratic regression ----  Coefficient =  0.9902
              Response Ratio = 0.06524 + 0.46859 *A + 0.00279 *A^2

91)  1,2-Diphenylhydra 0.956 1.074 0.872 0.733 0.704 0.719 0.882 0.849  16.33
```

Initial Calibration Summary

Job Number: T59309 **Sample:** EP621-ICC621
Account: RFWTXHO Weston Solutions **Lab FileID:** P13144.D
Project: DeepWater Horizon Weekday

```
 92)  Diphenylamine     0.682 0.694 0.557 0.495 0.471 0.514 0.638 0.579  15.91
             ---- Quadratic regression ----  Coefficient =  0.9902
               Response Ratio = 0.06524 + 0.46859 *A + 0.00279 *A^2

 93)S 2,4,6-Tribromophe 0.067 0.114 0.103 0.099 0.099 0.108 0.072 0.095  19.07
             ---- Quadratic regression ----  Coefficient =  0.9958
               Response Ratio = 0.00051 + 0.09366 *A + 0.00096 *A^2

 94)  Tetraethyl dithio 0.171 0.177 0.147 0.128 0.119 0.127 0.161 0.147  15.82
 95)  sym-Trinitrobenze 0.072 0.103 0.087 0.079 0.072 0.078 0.077 0.081  13.53
 96)  Diallate          0.503 0.432 0.341 0.267 0.237 0.246 0.453 0.354  30.72
 97)  Phorate           0.566 0.602 0.423 0.421 0.376 0.382 0.545 0.474  19.93
 98)  4-Bromophenyl-phe 0.221 0.237 0.201 0.184 0.186 0.213 0.208 0.207   9.12
 99)  Phenacetin        0.396 0.480 0.401 0.374 0.349 0.387 0.394 0.397  10.22
100)  Hexachlorobenzene 0.237 0.251 0.215 0.201 0.202 0.235 0.215 0.222   8.55
101)  Dimethoate        0.356 0.355 0.284 0.209 0.165 0.139 0.341 0.264  35.07
102)  Atrazine          0.197 0.183 0.144 0.103 0.077       0.182 0.148  32.83
             ---- Quadratic regression ----  Coefficient =  0.9946
               Response Ratio = 0.00089 + 0.20448 *A + -0.05162 *A^2

103)  4-aminobiphenyl   0.620 0.741 0.584 0.534 0.479 0.502 0.611 0.582  15.17
104)C Pentachlorophenol       0.105 0.101 0.099 0.104 0.122 0.057 0.098  21.85
             ---- Quadratic regression ----  Coefficient =  0.9928
               Response Ratio = 0.00669 + 0.06881 *A + 0.01530 *A^2

105)  Pentachloronitrob 0.110 0.117 0.098 0.090 0.086 0.097 0.103 0.100  10.94
106)  Pronamide         0.368 0.392 0.327 0.293 0.268 0.286 0.345 0.326  14.03
107)  Phenanthrene      1.199 1.182 0.944 0.835 0.795       1.094 1.008  17.38
             ---- Quadratic regression ----  Coefficient =  0.9958
               Response Ratio = 0.04015 + 1.06449 *A + -0.11850 *A^2

108)  Anthracene        1.164 1.195 0.964 0.854 0.815       1.099 1.015  15.91
             ---- Quadratic regression ----  Coefficient =  0.9961
               Response Ratio = 0.03301 + 1.09315 *A + -0.12106 *A^2

109)  Disulfoton        0.437 0.591 0.483 0.403 0.360       0.429 0.451  17.77
             ---- Quadratic regression ----  Coefficient =  0.9948
               Response Ratio = -0.02119 + 0.63265 *A + -0.10799 *A^2

110)  Carbazole         1.065 1.205 0.966 0.855 0.792 0.858 1.025 0.967  14.90
111)  Methyl parathion  0.311 0.323 0.262 0.202 0.164       0.302 0.261  24.83
             ---- Quadratic regression ----  Coefficient =  0.9961
               Response Ratio = -0.00246 + 0.35696 *A + -0.07776 *A^2

112)  Di-n-butylphthala 1.709 1.720 1.385 1.182 1.079       1.584 1.443  18.89
             ---- Quadratic regression ----  Coefficient =  0.9963
               Response Ratio = 0.03175 + 1.66670 *A + -0.24620 *A^2

113)  4-Nitroquinoline  0.036 0.104 0.089 0.081 0.069 0.065 0.052 0.071  32.49
114)  Parathion         0.221 0.251 0.206 0.180 0.162 0.166 0.215 0.200  16.21
115)  Methapyrilene     0.153 0.214 0.161 0.144 0.106 0.101 0.169 0.150  25.80
116)  Isodrin           0.162 0.169 0.140 0.124 0.116 0.129 0.152 0.142  14.08
117)C Fluoranthene      1.299 1.397 1.124 0.994 0.910       1.231 1.159  16.00
             ---- Quadratic regression ----  Coefficient =  0.9969
               Response Ratio = 0.01214 + 1.35718 *A + -0.18465 *A^2


118) I   Chrysene-d12          ----------------ISTD---------------------
119)  Benzidine         0.242 0.420 0.360 0.304 0.252       0.295 0.312  21.65
             ---- Quadratic regression ----  Coefficient =  0.9985
```

7.7.4

7

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP621-ICC621
Lab FileID: P13144.D

```
                Response Ratio = -0.03575 + 0.51497 *A + -0.10018 *A^2

120)  Pyrene            1.191 1.421 1.251 1.127 1.206 1.368 1.165 1.247   8.72
121)S Terphenyl-d14     0.662 0.817 0.744 0.702 0.751 0.857 0.639 0.739  10.68
122)  Aramite           0.085 0.107 0.095 0.079 0.076 0.078 0.086 0.087  12.86
123)  p-(Dimethylamine) 0.362 0.475 0.421 0.367 0.368 0.399 0.364 0.394  10.72
124)  Chlorobenzilate   0.414 0.520 0.464 0.405 0.410 0.450 0.414 0.440   9.51
125)  Kepone                                                    0.000  -1.00
126)  3,3'-Dimethylbenz 0.303 0.466 0.371 0.352 0.327 0.352 0.364 0.362  14.15
127)  Famphur           0.299 0.075 0.065 0.013 0.005 0.001 0.179 0.091  121.45
128)  Butylbenzylphthal 0.650 0.755 0.654 0.572 0.553 0.606 0.630 0.631  10.55
129)  2-Acetylaminofluo 0.394 0.400 0.311 0.320 0.308 0.332 0.381 0.349  11.63
130)  3,3'-Dichlorobenz 0.368 0.358 0.276 0.279 0.279 0.308 0.347 0.316  12.79
131)  Benzo[a]anthracen 1.072 1.215 1.018 0.922 0.909 1.037 1.019 1.027   9.92
132)  Chrysene          1.064 1.105 0.911 0.826 0.792 0.890 0.974 0.937  12.47
133)  bis(2-Ethylhexyl) 0.906 1.040 0.892 0.779 0.744 0.823 0.882 0.867  11.25

134) I   Perylene-d12          ----------------ISTD---------------------
135)C Di-n-octylphthala 1.800 2.748 2.339 1.844 1.702       1.931 2.061  19.53
             ---- Quadratic regression ----  Coefficient =  0.9914
               Response Ratio = -0.12915 + 3.01624 *A + -0.52115 *A^2

136)  Benzo[b]fluoranth 1.231 1.516 1.304 1.187 1.188 1.407 1.193 1.289   9.96
137)  Benzo[k]fluoranth 1.356 1.455 1.117 0.988 0.841       1.336 1.182  20.27
             ---- Quadratic regression ----  Coefficient =  0.9966
               Response Ratio = 0.00990 + 1.45756 *A + -0.25032 *A^2

138)  7,12-Dimethylbenz 0.161 0.614 0.553 0.494 0.489       0.265 0.429  41.19
             ---- Quadratic regression ----  Coefficient =  0.9948
               Response Ratio = -0.06670 + 0.68959 *A + -0.07278 *A^2

139)  Hexachlorophene                                           0.000  -1.00
140)C Benzo[a]pyrene    1.100 1.317 1.085 0.961 0.934 1.049 1.093 1.077  11.56
141)  3-Methylcholanthr 0.477 0.591 0.506 0.477 0.463 0.510 0.469 0.499   8.91
142)  Indeno[1,2,3-cd]p 0.555 0.841 0.775 0.699 0.628 0.637 0.552 0.669  16.28
             ---- Quadratic regression ----  Coefficient =  0.9949
               Response Ratio = -0.02687 + 0.84704 *A + -0.06948 *A^2

143)  Dibenz[a,h]anthra 0.675 0.904 0.799 0.698 0.626 0.629 0.643 0.711  14.68
144)  Benzo[g,h,i]peryl 0.689 0.885 0.791 0.647 0.556       0.618 0.698  17.32
             ---- Quadratic regression ----  Coefficient =  0.9972
               Response Ratio = -0.06262 + 1.07427 *A + -0.19971 *A^2

 ---------------------------------------------------------------------------
 (#) = Out of Range

          ep621a9.m         Sat Sep 04 13:40:25 2010
```

7.7.4

7

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EP621-ICV621
Lab FileID: P13151.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\ep621\p13151.D Vial: 9
Acq On : 4 Sep 2010 12:21 pm Operator: garyj
Sample : icv621-50 Inst : GCMS P
Misc : op13254,Ep621,1000,,,1,1,water Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\METHODS\ep621a9.m (RTE Integrator)
Title : SW846 8270C Appendix 9
Last Update : Sat Sep 04 13:47:26 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	0.01	3.87
2		bis(Chloromethyl)ether		----------NA----------				
3		1,4-Dioxane		----------NA----------				
4		N-nitrosodimethylamine	0.605	0.674	-11.4	143	0.05	1.48
5		Pyridine	1.205	1.101	8.6	114	0.06	1.45
6		2-Picoline		----------NA----------				
7		N-Nitrosomethylethylamine		----------NA----------				
8		Methyl methanesulfonate		----------NA----------				
9		N-Nitrosodiethylamine		----------NA----------				
10		Ethyl methanesulfonate		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
11		Benzaldehyde		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
12		Aniline	1.925	1.339	30.4	87	0.00	3.63
13	S	2-Fluorophenol		----------NA----------				
14		bis(2-Chloroethyl)ether	1.408	1.555	-10.4	160	0.00	3.69
15	S	Phenol-d5		----------NA----------				
16	C	Phenol	1.549	1.826	-17.9	157	0.01	3.71
17		2-Chlorophenol	1.220	1.364	-11.8	147	0.02	3.74
18		1,3-Dichlorobenzene	1.473	1.554	-5.5	140	0.01	3.82
19	C	1,4-Dichlorobenzene	1.520	1.554	-2.2	136	0.01	3.89
20		1,2-Dichlorobenzene	1.441	1.508	-4.6	141	0.00	4.00
21		Benzyl alcohol	0.908	0.981	-8.0	143	0.02	4.04
		----------	Amount	Calc.	%Drift	----------		
22		bis(2-chloroisopropyl)eth	50.000	47.723	4.6	116	0.00	4.12
		----------	AvgRF	CCRF	%Dev	----------		
23		2-Methylphenol	1.285	1.312	-2.1	136	0.00	4.15
24		N-Nitrosopyrrolidine		----------NA----------				
25		N-Nitrosomorpholine		----------NA----------				
26		o-Toluidine		----------NA----------				
27		Acetophenone		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
28		Hexachloroethane	50.000	59.315	-18.6	144	0.00	4.25
		----------	AvgRF	CCRF	%Dev	----------		
29	P	N-Nitroso-di-n-propylamin	1.030	1.116	-8.3	156	0.00	4.24
30		3&4-Methylphenol	1.196	1.250	-4.5	125	0.00	4.29

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP621-ICV621
Lab FileID: P13151.D

31	I	Naphthalene-d8	1.000	1.000	0.0	122	0.00	4.87
		----------	Amount	Calc.	%Drift		----------	
32	S	Nitrobenzene-d5		----------NA----------				
33		Nitrobenzene	50.000	61.997	-24.0	149	0.00	4.33
		----------	AvgRF	CCRF	%Dev		----------	
34		N-Nitrosopiperidine		----------NA----------				
35		A,A-Dimethylphenethylamin		----------NA----------				
36		Isophorone	0.831	0.890	-7.1	137	0.00	4.53
37	C	2-Nitrophenol	0.170	0.206	-21.2	160	0.00	4.58
38		2,4-Dimethylphenol	0.384	0.386	-0.5	129	0.00	4.67
39		bis(2-Chloroethoxy)methan	0.512	0.493	3.7	120	0.00	4.71
40		O,O,O-Triethyl phosphorot		----------NA----------				
		----------	Amount	Calc.	%Drift		----------	
41		Benzoic Acid	50.000	67.965	-35.9	333	0.07	4.89
		----------	AvgRF	CCRF	%Dev		----------	
42	C	2,4-Dichlorophenol	0.289	0.337	-16.6	150	0.00	4.80
43		1,2,4-Trichlorobenzene	0.357	0.384	-7.6	142	0.00	4.83
		----------	Amount	Calc.	%Drift		----------	
44		Naphthalene	50.000	55.120	-10.2	137	0.00	4.89
		----------	AvgRF	CCRF	%Dev		----------	
45		4-Chloroaniline	0.421	0.272	35.4	85	0.00	4.96
46		2,6-Dichlorophenol		----------NA----------				
		----------	Amount	Calc.	%Drift		----------	
47		Hexachloropropene		----------NA----------				
		----------	AvgRF	CCRF	%Dev		----------	
48	C	Hexachlorobutadiene	0.223	0.263	-17.9	150	0.00	5.01
49		p-Phenylenediamine		----------NA----------				
50		Caprolactam		----------NA----------				
51		N-Nitrosodi-n-butylamine		----------NA----------				
52	C	4-Chloro-3-methylphenol	0.337	0.380	-12.8	143	-0.02	5.47
53		Isosafrole		----------NA----------				
54		2-Methylnaphthalene	0.755	0.748	0.9	135	0.00	5.55
55		1-Methylnaphthalene	0.719	0.753	-4.7	138	0.00	5.65
56		1,2,4,5-Tetrachlorobenzen		----------NA----------				
57	I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00	6.86
		----------	Amount	Calc.	%Drift		----------	
58	P	Hexachlorocyclopentadiene	50.000	84.545	-69.1	334	0.00	5.73
59	C	2,4,6-Trichlorophenol	50.000	61.860	-23.7	152	-0.01	5.90
		----------	AvgRF	CCRF	%Dev		----------	
60		2,4,5-Trichlorophenol	0.286	0.413	-44.4	165	-0.02	5.97
		----------	Amount	Calc.	%Drift		----------	
61	S	2-Fluorobiphenyl		----------NA----------				
62		Safrole		----------NA----------				
63		1,1'-Biphenyl		----------NA----------				
		----------	AvgRF	CCRF	%Dev		----------	
64		2-Chloronaphthalene	0.989	1.127	-14.0	143	-0.01	6.11

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP621-ICV621
Lab FileID: P13151.D

65		1-Chloronaphthalene		----------NA----------				
66		2-Nitroaniline	0.389	0.458	-17.7	139	0.01	6.29
67		1,4-Naphthoquinone		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
68		Acenaphthylene	50.000	59.941	-19.9	138	0.01	6.66
		----------	AvgRF	CCRF	%Dev	----------		
69		Dimethylphthalate	1.273	1.427	-12.1	134	0.02	6.61
70		m-Dinitrobenzene	0.190	0.224	-17.9	139	0.01	6.49
71		2,6-Dinitrotoluene	0.281	0.316	-12.5	135	0.02	6.66
		----------	Amount	Calc.	%Drift	----------		
72	C	Acenaphthene	50.000	57.360	-14.7	132	0.00	6.92
		----------	AvgRF	CCRF	%Dev	----------		
73		3-Nitroaniline	0.272	0.258	5.1	112	0.02	6.89
		----------	Amount	Calc.	%Drift	----------		
74	P	2,4-Dinitrophenol	50.000	61.428	-22.9	146	-0.01	7.05
		----------	AvgRF	CCRF	%Dev	----------		
75		Dibenzofuran	1.494	1.668	-11.6	138	0.00	7.18
76		Pentachlorobenzene		----------NA----------				
77		2,4-Dinitrotoluene	0.391	0.451	-15.3	134	0.00	7.26
		----------	Amount	Calc.	%Drift	----------		
78	P	4-Nitrophenol	50.000	57.205	-14.4	147	-0.03	7.32
79		1-Naphthylamine		----------NA----------				
80		2-Naphthylamine		----------NA----------				
81		2,3,4,6-Tetrachlorophenol	50.000	60.365	-20.7	153	0.00	7.44
82		Fluorene	50.000	57.774	-15.5	136	0.01	7.73
		----------	AvgRF	CCRF	%Dev	----------		
83		4-Chlorophenyl-phenylethe	0.633	0.721	-13.9	141	0.01	7.78
		----------	Amount	Calc.	%Drift	----------		
84		Diethylphthalate	50.000	54.173	-8.3	128	0.02	7.72
		----------	AvgRF	CCRF	%Dev	----------		
85		5-Nitro-o-toluidine		----------NA----------				
86		Thionazin		----------NA----------				
87		4-Nitroaniline	0.303	0.299	1.3	114	0.00	7.89
88	I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00	9.37
		----------	Amount	Calc.	%Drift	----------		
89		4,6-Dinitro-2-methylpheno	50.000	59.590	-19.2	141	0.00	7.95
90	C	n-Nitrosodiphenylamine	50.000	52.802	-5.6	111	0.00	8.03
		----------	AvgRF	CCRF	%Dev	----------		
91		1,2-Diphenylhydrazine	0.849	0.990	-16.6	128	0.01	8.06
		----------	Amount	Calc.	%Drift	----------		
92		Diphenylamine	50.000	52.802	-5.6	111	0.00	8.03
93	S	2,4,6-Tribromophenol		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
94		Tetraethyl dithiopyrophos		----------NA----------				
95		sym-Trinitrobenzene		----------NA----------				

Initial Calibration Verification

Job Number: T59309
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Sample: EP621-ICV621
Lab FileID: P13151.D

96	Diallate		----------NA----------				
97	Phorate		----------NA----------				
98	4-Bromophenyl-phenylether	0.207	0.241	-16.4	135	0.00	8.63
99	Phenacetin		----------NA----------				
100	Hexachlorobenzene	0.222	0.267	-20.3	140	0.00	8.70
101	Dimethoate		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
102	Atrazine		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
103	4-aminobiphenyl		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
104 C	Pentachlorophenol	50.000	57.214	-14.4	141	-0.03	9.12
	----------	AvgRF	CCRF	%Dev	----------		
105	Pentachloronitrobenzene		----------NA----------				
106	Pronamide		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
107	Phenanthrene	50.000	58.812	-17.6	129	0.00	9.42
108	Anthracene	50.000	56.701	-13.4	125	0.00	9.51
109	Disulfoton		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
110	Carbazole	0.967	1.047	-8.3	122	0.00	9.89
	----------	Amount	Calc.	%Drift	----------		
111	Methyl parathion		----------NA----------				
112	Di-n-butylphthalate	50.000	55.534	-11.1	122	0.00	10.80
	----------	AvgRF	CCRF	%Dev	----------		
113	4-Nitroquinoline 1-Oxide		----------NA----------				
114	Parathion		----------NA----------				
115	Methapyrilene		----------NA----------				
116	Isodrin		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
117 C	Fluoranthene	50.000	57.928	-15.9	127	0.00	11.73
	----------	AvgRF	CCRF	%Dev	----------		
118 I	Chrysene-d12	1.000	1.000	0.0	114	0.01	14.68
	----------	Amount	Calc.	%Drift	----------		
119	Benzidine		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
120	Pyrene	1.247	1.376	-10.3	126	0.01	12.16
121 S	Terphenyl-d14		----------NA----------				
122	Aramite		----------NA----------				
123	p-(Dimethylamine)azobenze		----------NA----------				
124	Chlorobenzilate		----------NA----------				
125	Kepone		----------NA----------				
126	3,3'-Dimethylbenzidine		----------NA----------				
127	Famphur		----------NA----------				
128	Butylbenzylphthalate	0.631	0.718	-13.8	125	0.00	13.80
129	2-Acetylaminofluorene		----------NA----------				
130	3,3'-Dichlorobenzidine	0.316	0.243	23.1	100	0.00	14.72

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP621-ICV621
Lab FileID: P13151.D

```
131      Benzo[a]anthracene          1.027   1.185    -15.4  133   0.01   14.65
132      Chrysene                    0.937   1.071    -14.3  134   0.01   14.74
133      bis(2-Ethylhexyl)phthalat   0.867   0.976    -12.6  125   0.00   15.11

134 I    Perylene-d12                1.000   1.000      0.0  142   0.02   17.38

             ----------------------- Amount  Calc.    %Drift   -------------
135 C    Di-n-octylphthalate        50.000  51.357     -2.7  141   0.01   16.38

             ----------------------- AvgRF   CCRF      %Dev   --------------
136      Benzo[b]fluoranthene        1.289   1.435    -11.3  157   0.00   16.72

             ----------------------- Amount  Calc.    %Drift   -------------
137      Benzo[k]fluoranthene       50.000  57.105    -14.2  161   0.01   16.78
138      7,12-Dimethylbenz(a)anthr          ----------NA----------

             ----------------------- AvgRF   CCRF      %Dev   --------------
139      Hexachlorophene                    ----------NA----------
140 C    Benzo[a]pyrene              1.077   1.098     -1.9  144   0.02   17.27
141      3-Methylcholanthrene               ----------NA----------

             ----------------------- Amount  Calc.    %Drift   -------------
142      Indeno[1,2,3-cd]pyrene     50.000  61.514    -23.0  163   0.02   19.09
143      Dibenz[a,h]anthracene      50.000  64.156    -28.3  167   0.02   19.15
144      Benzo[g,h,i]perylene       50.000  58.562    -17.1  156   0.02   19.47
 ---------------------------------------------------------------------------
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    (#) = Out of Range
     p13144.D   ep621a9.m        Sat Sep 04 13:47:32 2010
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7.7.5

7

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EP624-CC621
Lab FileID: P13203.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\ep624\p13203.D            Vial: 2
Acq On    :  7 Sep 2010   9:10 am                   Operator: garyj
Sample    : cc621-50                                Inst    : GCMS P
Misc      : op13254,Ep624,1000,,,1,1,water          Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\ep621a9.m (RTE Integrator)
Title        : SW846 8270C Appendix 9
Last Update  : Sat Sep 04 12:42:30 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	3.79
2		bis(Chloromethyl)ether	0.774	0.748	3.4	106	-0.06	1.09
3		1,4-Dioxane	0.420	0.426	-1.4	107	-0.05	1.10
4		N-nitrosodimethylamine	0.605	0.579	4.3	103	-0.05	1.36
5		Pyridine	1.205	1.211	-0.5	106	-0.06	1.31
6		2-Picoline	1.277	1.285	-0.6	109	-0.05	2.08
7		N-Nitrosomethylethylamine	0.810	0.765	5.6	102	-0.05	2.26
8		Methyl methanesulfonate	0.722	0.725	-0.4	109	-0.03	2.60
9		N-Nitrosodiethylamine	0.649	0.656	-1.1	110	-0.01	2.96
10		Ethyl methanesulfonate	1.070	1.082	-1.1	110	0.00	3.25
			Amount	Calc.	%Drift			
11		Benzaldehyde	50.000	59.820	-19.6	117	-0.01	3.45
			AvgRF	CCRF	%Dev			
12		Aniline	1.925	1.959	-1.8	107	0.00	3.56
13	S	2-Fluorophenol	1.107	1.138	-2.8	112	-0.02	2.77
14		bis(2-Chloroethyl)ether	1.408	1.344	4.5	116	0.00	3.63
15	S	Phenol-d5	1.414	1.388	1.8	111	0.00	3.63
16	C	Phenol	1.549	1.541	0.5	111	0.00	3.64
17		2-Chlorophenol	1.220	1.235	-1.2	112	0.00	3.66
18		1,3-Dichlorobenzene	1.473	1.503	-2.0	114	0.00	3.75
19	C	1,4-Dichlorobenzene	1.520	1.567	-3.1	115	0.00	3.81
20		1,2-Dichlorobenzene	1.441	1.458	-1.2	114	0.00	3.92
21		Benzyl alcohol	0.908	0.935	-3.0	114	0.00	3.96
			Amount	Calc.	%Drift			
22		bis(2-chloroisopropyl)eth	50.000	49.459	1.1	100	0.00	4.06
			AvgRF	CCRF	%Dev			
23		2-Methylphenol	1.285	1.309	-1.9	114	0.05	4.13
24		N-Nitrosopyrrolidine	0.745	0.714	4.2	106	0.02	4.17
25		N-Nitrosomorpholine	1.059	0.895	15.5	102	0.02	4.19
26		o-Toluidine	2.179	2.154	1.1	110	0.01	4.17
27		Acetophenone	1.818	1.858	-2.2	113	0.01	4.15
			Amount	Calc.	%Drift			
28		Hexachloroethane	50.000	52.872	-5.7	109	0.00	4.18
			AvgRF	CCRF	%Dev			
29	P	N-Nitroso-di-n-propylamin	1.030	0.946	8.2	111	0.02	4.20
30		3&4-Methylphenol	1.285	1.315	-2.3	111	0.02	4.23

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP624-CC621
Lab FileID: P13203.D

31	I	Naphthalene-d8	1.000	1.000	0.0	108	0.00	4.80
			Amount	Calc.	%Drift			
32	S	Nitrobenzene-d5	100.000	104.644	-4.6	110	0.00	4.26
33		Nitrobenzene	50.000	50.379	-0.8	111	0.00	4.28
			AvgRF	CCRF	%Dev			
34		N-Nitrosopiperidine	0.343	0.323	5.8	105	0.00	4.39
35		A,A-Dimethylphenethylamin	1.494	1.576	-5.5	110	0.70	5.62
36		Isophorone	0.831	0.833	-0.2	113	0.01	4.47
37	C	2-Nitrophenol	0.170	0.182	-7.1	125	0.00	4.51
38		2,4-Dimethylphenol	0.384	0.385	-0.3	113	0.00	4.61
39		bis(2-Chloroethoxy)methan	0.512	0.558	-9.0	120	0.00	4.65
40		O,O,O-Triethyl phosphorot	0.165	0.164	0.6	107	0.00	4.64
			Amount	Calc.	%Drift			
41		Benzoic Acid	50.000	69.956	-39.9	219	0.05	4.80
			AvgRF	CCRF	%Dev			
42	C	2,4-Dichlorophenol	0.289	0.298	-3.1	118	0.00	4.73
43		1,2,4-Trichlorobenzene	0.357	0.364	-2.0	118	0.00	4.75
			Amount	Calc.	%Drift			
44		Naphthalene	50.000	50.763	-1.5	113	0.00	4.81
			AvgRF	CCRF	%Dev			
45		4-Chloroaniline	0.421	0.409	2.9	113	0.00	4.89
46		2,6-Dichlorophenol	0.288	0.295	-2.4	118	0.00	4.90
			Amount	Calc.	%Drift			
47		Hexachloropropene	50.000	61.608	-23.2	148	0.00	4.89
			AvgRF	CCRF	%Dev			
48	C	Hexachlorobutadiene	0.223	0.235	-5.4	119	0.00	4.94
49		p-Phenylenediamine	0.099	0.118	-19.2	101	0.01	5.24
50		Caprolactam	0.140	0.145	-3.6	113	0.01	5.30
51		N-Nitrosodi-n-butylamine	0.330	0.315	4.5	112	0.00	5.21
52	C	4-Chloro-3-methylphenol	0.337	0.346	-2.7	115	0.00	5.43
53		Isosafrole	0.296	0.295	0.3	116	0.00	5.39
54		2-Methylnaphthalene	0.755	0.690	8.6	110	0.00	5.46
55		1-Methylnaphthalene	0.719	0.693	3.6	112	0.00	5.56
56		1,2,4,5-Tetrachlorobenzen	0.362	0.372	-2.8	118	0.00	5.65
57	I	Acenaphthene-d10	1.000	1.000	0.0	112	0.00	6.74
			Amount	Calc.	%Drift			
58	P	Hexachlorocyclopentadiene	50.000	63.868	-27.7	177	0.00	5.65
			AvgRF	CCRF	%Dev			
59	C	2,4,6-Trichlorophenol	0.307	0.329	-7.2	120	0.01	5.82
60		2,4,5-Trichlorophenol	0.286	0.316	-10.5	119	0.01	5.90
			Amount	Calc.	%Drift			
61	S	2-Fluorobiphenyl	100.000	100.176	-0.2	114	0.00	5.90
62		Safrole	50.000	57.662	-15.3	153	0.00	5.99
63		1,1'-Biphenyl	50.000	52.103	-4.2	112	0.00	6.01
64		2-Chloronaphthalene	50.000	53.822	-7.6	118	0.02	6.03
			AvgRF	CCRF	%Dev			

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP624-CC621
Lab FileID: P13203.D

65		1-Chloronaphthalene	0.632	0.397	37.2	95	0.00	6.04
66		2-Nitroaniline	0.389	0.466	-19.8	134	0.01	6.18
67		1,4-Naphthoquinone	0.399	0.404	-1.3	116	0.01	6.25
		----------	Amount	Calc.	%Drift		----------	
68		Acenaphthylene	50.000	48.688	2.6	110	0.00	6.54
		----------	AvgRF	CCRF	%Dev		----------	
69		Dimethylphthalate	1.273	1.252	1.6	111	0.02	6.50
70		m-Dinitrobenzene	0.190	0.195	-2.6	114	0.00	6.37
71		2,6-Dinitrotoluene	0.281	0.272	3.2	110	0.01	6.54
		----------	Amount	Calc.	%Drift		----------	
72	C	Acenaphthene	50.000	49.115	1.8	110	0.00	6.80
		----------	AvgRF	CCRF	%Dev		----------	
73		3-Nitroaniline	0.272	0.277	-1.8	114	0.02	6.77
		----------	Amount	Calc.	%Drift		----------	
74	P	2,4-Dinitrophenol	50.000	53.585	-7.2	116	0.00	6.95
		----------	AvgRF	CCRF	%Dev		----------	
75		Dibenzofuran	1.494	1.425	4.6	112	0.00	7.06
76		Pentachlorobenzene	0.475	0.476	-0.2	116	0.00	7.01
77		2,4-Dinitrotoluene	0.391	0.393	-0.5	111	0.01	7.14
		----------	Amount	Calc.	%Drift		----------	
78	P	4-Nitrophenol	50.000	52.172	-4.3	126	0.02	7.25
79		1-Naphthylamine	50.000	47.077	5.8	103	0.01	7.19
80		2-Naphthylamine	50.000	44.399	11.2	98	0.01	7.34
81		2,3,4,6-Tetrachlorophenol	50.000	55.435	-10.9	120	0.01	7.32
82		Fluorene	50.000	47.616	4.8	110	0.00	7.60
		----------	AvgRF	CCRF	%Dev		----------	
83		4-Chlorophenyl-phenylethe	0.633	0.615	2.8	114	0.02	7.66
		----------	Amount	Calc.	%Drift		----------	
84		Diethylphthalate	50.000	47.251	5.5	109	0.02	7.58
		----------	AvgRF	CCRF	%Dev		----------	
85		5-Nitro-o-toluidine	0.327	0.368	-12.5	107	0.02	7.73
86		Thionazin	0.348	0.335	3.7	110	0.02	7.72
87		4-Nitroaniline	0.303	0.304	-0.3	110	0.02	7.76
88	I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00	9.23
		----------	Amount	Calc.	%Drift		----------	
89		4,6-Dinitro-2-methylpheno	50.000	54.934	-9.9	114	0.00	7.83
90	C	n-Nitrosodiphenylamine	50.000	52.571	-5.1	109	0.00	7.90
		----------	AvgRF	CCRF	%Dev		----------	
91		1,2-Diphenylhydrazine	0.849	0.838	1.3	106	0.00	7.92
		----------	Amount	Calc.	%Drift		----------	
92		Diphenylamine	50.000	52.571	-5.1	109	0.00	7.90
93	S	2,4,6-Tribromophenol	200.000	221.331	-10.7	118	0.00	8.04
		----------	AvgRF	CCRF	%Dev		----------	
94		Tetraethyl dithiopyrophos	0.147	0.142	3.4	107	0.00	8.30
95		sym-Trinitrobenzene	0.081	0.085	-4.9	109	0.01	8.60

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EP624-CC621
Lab FileID: P13203.D

96		Diallate	0.354	0.301	15.0	98	0.00	8.45
97		Phorate	0.474	0.411	13.3	107	0.00	8.45
98		4-Bromophenyl-phenylether	0.207	0.200	3.4	110	0.00	8.50
99		Phenacetin	0.397	0.385	3.0	106	0.01	8.65
100		Hexachlorobenzene	0.222	0.223	-0.5	114	0.00	8.56
101		Dimethoate	0.264	0.258	2.3	100	0.00	8.79
		----------	Amount	Calc.	%Drift	----------		
102		Atrazine	50.000	45.179	9.6	102	0.01	8.99
		----------	AvgRF	CCRF	%Dev	----------		
103		4-aminobiphenyl	0.582	0.560	3.8	106	0.00	9.00
		----------	Amount	Calc.	%Drift	----------		
104	C	Pentachlorophenol	50.000	58.102	-16.2	121	0.00	9.02
		----------	AvgRF	CCRF	%Dev	----------		
105		Pentachloronitrobenzene	0.100	0.099	1.0	112	0.00	8.98
106		Pronamide	0.326	0.311	4.6	105	0.00	9.26
		----------	Amount	Calc.	%Drift	----------		
107		Phenanthrene	50.000	47.859	4.3	107	0.00	9.28
108		Anthracene	50.000	48.211	3.6	108	0.00	9.38
109		Disulfoton	50.000	47.545	4.9	106	0.00	9.41
		----------	AvgRF	CCRF	%Dev	----------		
110		Carbazole	0.967	0.933	3.5	107	0.00	9.75
		----------	Amount	Calc.	%Drift	----------		
111		Methyl parathion	50.000	44.875	10.3	101	0.00	10.11
112		Di-n-butylphthalate	50.000	47.401	5.2	106	0.02	10.66
		----------	AvgRF	CCRF	%Dev	----------		
113		4-Nitroquinoline 1-Oxide	0.071	0.092	-29.6	114	0.02	10.84
114		Parathion	0.200	0.196	2.0	106	0.02	10.94
115		Methapyrilene	0.150	0.137	8.7	94	0.03	11.12
116		Isodrin	0.142	0.137	3.5	109	0.01	11.25
		----------	Amount	Calc.	%Drift	----------		
117	C	Fluoranthene	50.000	46.855	6.3	106	0.02	11.57
		----------	AvgRF	CCRF	%Dev	----------		
118	I	Chrysene-d12	1.000	1.000	0.0	119	0.00	14.51
		----------	Amount	Calc.	%Drift	----------		
119		Benzidine	50.000	41.882	16.2	104	-0.02	11.98
		----------	AvgRF	CCRF	%Dev	----------		
120		Pyrene	1.247	1.125	9.8	107	-0.03	11.99
121	S	Terphenyl-d14	0.739	0.683	7.6	109	-0.02	12.51
122		Aramite	0.087	0.082	5.7	103	0.00	12.79
123		p-(Dimethylamine)azobenze	0.394	0.368	6.6	104	-0.01	12.81
124		Chlorobenzilate	0.440	0.413	6.1	106	-0.01	12.97
125		Kepone		----------NA----------				
126		3,3'-Dimethylbenzidine	0.362	0.380	-5.0	122	0.00	13.49
127		Famphur	0.091	0.043	52.7	78	0.00	13.45
128		Butylbenzylphthalate	0.631	0.597	5.4	108	0.00	13.65
129		2-Acetylaminofluorene	0.349	0.342	2.0	131	0.01	14.05
130		3,3'-Dichlorobenzidine	0.316	0.307	2.8	132	0.00	14.56

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EP624-CC621
Lab FileID: P13203.D

131		Benzo[a]anthracene	1.027	1.000	2.6	117	0.00	14.49
132		Chrysene	0.937	0.885	5.5	115	0.00	14.57
133		bis(2-Ethylhexyl)phthalat	0.867	0.821	5.3	109	0.02	14.96
134	I	Perylene-d12	1.000	1.000	0.0	138	0.00	17.20
		----------	Amount	Calc.	%Drift	----------		
135	C	Di-n-octylphthalate	50.000	45.774	8.5	125	0.00	16.23
		----------	AvgRF	CCRF	%Dev	----------		
136		Benzo[b]fluoranthene	1.289	1.308	-1.5	138	0.00	16.57
		----------	Amount	Calc.	%Drift	----------		
137		Benzo[k]fluoranthene	50.000	42.965	14.1	127	0.00	16.62
138		7,12-Dimethylbenz(a)anthr	50.000	47.251	5.5	129	0.00	16.57
		----------	AvgRF	CCRF	%Dev	----------		
139		Hexachlorophene		----------NA----------				
140	C	Benzo[a]pyrene	1.077	1.064	1.2	135	0.00	17.10
141		3-Methylcholanthrene	0.499	0.506	-1.4	138	0.00	17.74
		----------	Amount	Calc.	%Drift	----------		
142		Indeno[1,2,3-cd]pyrene	50.000	50.935	-1.9	134	0.00	18.91
		----------	AvgRF	CCRF	%Dev	----------		
143		Dibenz[a,h]anthracene	0.711	0.786	-10.5	136	0.00	18.96
		----------	Amount	Calc.	%Drift	----------		
144		Benzo[g,h,i]perylene	50.000	49.937	0.1	135	0.00	19.28

(#) = Out of Range SPCC's out = 0 CCC's out = 0
p13144.D ep621a9.m Tue Sep 07 09:51:12 2010

7.7.6

7

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EV81-ICC81
Lab FileID: V1378.D

```
                        Response Factor Report  MS V

 Method       : C:\msdchem\1\METHODS\ev81sim.m (RTE Integrator)
 Title        :
 Last Update  : Tue Sep 07 12:57:21 2010
 Response via : Initial Calibration

 Calibration Files
 0.1 =v1379.D     0.2 =v1380.D     1.0 =v1377.D     2.5 =v1378.D
 5.0    =v1381.D      10.0   =v1382.D

       Compound              0.1   0.2   1.0   2.5   5.0   10.0  Avg    %RSD
 -------------------------------------------------------------------------------

 1) I   Naphthalene-d8        ----------------ISTD---------------------
 2) S   Nitrobenzene-d5 (SU 0.645 0.735 0.771 0.839 0.653 0.439 0.680  20.43
            ---- Quadratic regression ----  Coefficient =  0.9980
              Response Ratio = -0.03289 + 0.90983 *A + -0.03756 *A^2

 3)     Naphthalene         1.505 1.590 1.853 1.835 1.784 1.839 1.734   8.60
 4)     2-Methylnaphthalene 1.200 1.280 1.624 1.388 1.206 1.012 1.285  16.07
            ---- Quadratic regression ----  Coefficient =  0.9991
              Response Ratio = 0.01456 + 1.43429 *A + -0.17218 *A^2

 5)     1-Methylnaphthalene 1.083 1.163 1.444 1.206 1.108 1.029 1.172  12.54

 6) I   Acenaphthene-d10      ----------------ISTD---------------------
 7) S   2-Fluorobiphenyl (S 2.507 2.596 2.257 1.865 1.330 1.054 1.935  32.81
            ---- Quadratic regression ----  Coefficient =  0.9917
              Response Ratio = 0.42500 + 1.69661 *A + -0.05478 *A^2

 8)     Acenaphthylene      2.006 2.179 2.390 2.244 2.098 2.163 2.180   6.00
 9) C   Acenaphthene        1.649 1.661 1.630 1.431 1.354 1.516 1.540   8.29
10)     Fluorene            1.437 1.588 1.530 1.753 2.025 2.003 1.723  14.39

11) I   Phenanthrene-d10      ----------------ISTD---------------------
12)     Phenanthrene        1.312 1.394 1.487 1.463 1.542 1.450 1.441   5.53
13)     Anthracene          0.931 1.076 1.330 1.351 1.455 1.392 1.256  16.34
            ---- Linear regression ----  Coefficient =  0.9993
              Response Ratio = -0.01015 + 1.40740 *A

14) C   Fluoranthene        0.730 0.897 1.177 1.263 1.430 1.414 1.152  24.60
            ---- Linear regression ----  Coefficient =  0.9993
              Response Ratio = -0.04435 + 1.43267 *A


15) I   Chrysene-d12         ----------------ISTD---------------------
16)     Pyrene              1.630 1.792 2.181 2.120 2.119 1.982 1.971  11.03
17) S   Terphenyl-d14       1.211 1.220 1.235 1.156 1.064 0.888 1.129  11.83
18)     Benzo(a)anthracene  0.843 0.892 1.095 1.142 1.250 1.296 1.086  17.02
            ---- Linear regression ----  Coefficient =  0.9992
              Response Ratio = -0.04607 + 1.30476 *A

19)     Chrysene            1.164 1.235 1.274 1.283 1.420 1.358 1.289   6.99

20) I   Perylene-d12         ----------------ISTD---------------------
21)     Benzo(b)fluoranthen 0.425 0.395 0.905 1.195 1.501 1.789 1.035  54.80
            ---- Quadratic regression ----  Coefficient =  0.9995
              Response Ratio = -0.05271 + 1.19942 *A + 0.24563 *A^2
```

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EV81-ICC81
Lab FileID: V1378.D

```
22)     Benzo(k)fluoranthen 0.803 1.090 1.905 2.185 2.448 2.227 1.776  37.81
            ---- Quadratic regression ----  Coefficient =  0.9986
              Response Ratio = -0.10714 + 2.62482 *A + -0.13918 *A^2

23) C   Benzo(a)pyrene      0.409 0.425 0.901 1.116 1.494 1.627 0.995  52.02
            ---- Quadratic regression ----  Coefficient =  0.9982
              Response Ratio = -0.06797 + 1.29654 *A + 0.14560 *A^2

24)     Indeno(1,2,3-cd)pyr 0.351 0.355 0.732 0.888 1.370 1.518 0.869  56.93
            ---- Quadratic regression ----  Coefficient =  0.9966
              Response Ratio = -0.07021 + 1.11638 *A + 0.17482 *A^2

25)     Dibenz(a,h)anthrace 0.222 0.240 0.542 0.666 1.035 1.166 0.645  61.14
            ---- Quadratic regression ----  Coefficient =  0.9968
              Response Ratio = -0.05314 + 0.82668 *A + 0.14666 *A^2

26)     Benzo(g,h,i)perylen 0.431 0.472 0.860 1.036 1.422 1.431 0.942  46.68
            ---- Quadratic regression ----  Coefficient =  0.9966
              Response Ratio = -0.07440 + 1.32332 *A + 0.05781 *A^2

--------------------------------------------------------------------------------
(#) = Out of Range

          ev81sim.m         Tue Sep 07 13:23:04 2010
```

7.2.7

7

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EV81-ICV81
Lab FileID: V1383.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\ev81\v1383.D                Vial: 8
Acq On    :  7 Sep 2010  12:59 pm                     Operator: murtuzak
Sample    : icv81-2.5                                 Inst    : MS V
Misc      : op15188,ev81,1000,,,1,1,water             Multiplr: 1.00
MS Integration Params: rteint.p

Method       : C:\msdchem\1\METHODS\ev81sim.m (RTE Integrator)
Title        :
Last Update  : Tue Sep 07 12:57:21 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  30%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	1.000	1.000	0.0	77	0.00	5.31
		----------	Amount	Calc.	%Drift		----------	
2	S	Nitrobenzene-d5 (SURR)		----------NA----------				
		----------	AvgRF	CCRF	%Dev		----------	
3		Naphthalene	1.734	1.779	-2.6	75	0.00	5.33
		----------	Amount	Calc.	%Drift		----------	
4		2-Methylnaphthalene	2.500	2.642	-5.7	79	0.00	6.03
		----------	AvgRF	CCRF	%Dev		----------	
5		1-Methylnaphthalene	1.172	1.274	-8.7	82	0.00	6.13
6	I	Acenaphthene-d10	1.000	1.000	0.0	80	0.00	7.39
		----------	Amount	Calc.	%Drift		----------	
7	S	2-Fluorobiphenyl (SURR)		----------NA----------				
		----------	AvgRF	CCRF	%Dev		----------	
8		Acenaphthylene	2.180	2.216	-1.7	79	0.00	7.15
9	C	Acenaphthene	1.540	1.470	4.5	82	0.00	7.41
10		Fluorene	1.723	1.751	-1.6	80	0.00	8.25
11	I	Phenanthrene-d10	1.000	1.000	0.0	77	0.00	9.86
12		Phenanthrene	1.441	1.535	-6.5	81	0.00	9.90
		----------	Amount	Calc.	%Drift		----------	
13		Anthracene	2.500	2.539	-1.6	81	0.00	10.00
14	C	Fluoranthene	2.500	2.393	4.3	80	0.00	12.13
		----------	AvgRF	CCRF	%Dev		----------	
15	I	Chrysene-d12	1.000	1.000	0.0	73	0.00	14.92
16		Pyrene	1.971	2.283	-15.8	79	0.00	12.55
17	S	Terphenyl-d14		----------NA----------				
		----------	Amount	Calc.	%Drift		----------	
18		Benzo(a)anthracene	2.500	2.348	6.1	74	0.00	14.91
		----------	AvgRF	CCRF	%Dev		----------	
19		Chrysene	1.289	1.376	-6.7	79	0.01	14.97

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EV81-ICV81
Lab FileID: V1383.D

			Amount	Calc.	%Drift			
20	I	Perylene-d12	1.000	1.000	0.0	72	0.00	17.50
21		Benzo(b)fluoranthene	2.500	2.183	12.7	65	0.00	16.87
22		Benzo(k)fluoranthene	2.500	2.464	1.4	77	0.00	16.91
23	C	Benzo(a)pyrene	2.500	2.104	15.8	68	-0.01	17.39
24		Indeno(1,2,3-cd)pyrene	2.500	1.927	22.9	66	0.00	19.11
25		Dibenz(a,h)anthracene	2.500	1.906	23.8	65	0.00	19.17
26		Benzo(g,h,i)perylene	2.500	2.148	14.1	73	0.00	19.47

(#) = Out of Range
v1378.D ev81sim.m Tue Sep 07 13:23:48 2010

7.7.8

7

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: EV82-CC81
Lab FileID: V1391.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\ev82\v1391.D                Vial: 2
Acq On    :  7 Sep 2010   4:15 pm                     Operator: murtuzak
Sample    : cc81-2.5                                  Inst    : MS V
Misc      : op15188,ev82,1000,,,1,1,water             Multiplr: 1.00
MS Integration Params: rteint.p

Method       : C:\msdchem\1\METHODS\ev81sim.m (RTE Integrator)
Title        :
Last Update  : Tue Sep 07 16:58:54 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  30%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	1.000	1.000	0.0	81	0.00	5.31
			Amount	Calc.	%Drift			
2	S	Nitrobenzene-d5 (SURR)	12.500	13.048	-4.4	79	0.00	4.73
			AvgRF	CCRF	%Dev			
3		Naphthalene	1.734	1.739	-0.3	77	0.00	5.33
			Amount	Calc.	%Drift			
4		2-Methylnaphthalene	2.500	2.204	11.8	70	0.00	6.03
			AvgRF	CCRF	%Dev			
5		1-Methylnaphthalene	1.172	1.115	4.9	75	0.00	6.13
6	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00	7.39
			Amount	Calc.	%Drift			
7	S	2-Fluorobiphenyl (SURR)	12.500	8.442	32.5	62	0.00	6.48
8		Acenaphthylene	2.500	2.008	19.7	75	0.02	7.17
9	C	Acenaphthene	2.500	2.117	15.3	78	0.02	7.43
			AvgRF	CCRF	%Dev			
10		Fluorene	1.723	1.744	-1.2	96	0.00	8.25
11	I	Phenanthrene-d10	1.000	1.000	0.0	78	0.00	9.87
12		Phenanthrene	1.441	1.452	-0.8	77	0.00	9.90
			Amount	Calc.	%Drift			
13		Anthracene	2.500	2.380	4.8	76	0.00	10.00
14	C	Fluoranthene	2.500	2.256	9.8	75	0.00	12.13
			AvgRF	CCRF	%Dev			
15	I	Chrysene-d12	1.000	1.000	0.0	77	0.01	14.93
16		Pyrene	1.971	2.114	-7.3	77	0.00	12.55
17	S	Terphenyl-d14	1.129	1.178	-4.3	78	0.00	13.02
			Amount	Calc.	%Drift			
18		Benzo(a)anthracene	2.500	2.089	16.4	68	0.00	14.91
			AvgRF	CCRF	%Dev			
19		Chrysene	1.289	1.324	-2.7	79	0.01	14.97

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: EV82-CC81
Lab FileID: V1391.D

20	I	Perylene-d12	1.000	1.000	0.0	79	0.01	17.51
			Amount	Calc.	%Drift			
21		Benzo(b)fluoranthene	2.500	2.217	11.3	73	0.01	16.88
22		Benzo(k)fluoranthene	2.500	2.464	1.4	84	0.01	16.92
23	C	Benzo(a)pyrene	2.500	2.044	18.2	71	0.00	17.40
24		Indeno(1,2,3-cd)pyrene	2.500	2.025	19.0	77	0.01	19.12
25		Dibenz(a,h)anthracene	2.500	2.326	7.0	71	0.00	19.17
26		Benzo(g,h,i)perylene	2.500	2.227	10.9	83	0.01	19.48

(#) = Out of Range
v1378.D ev81sim.m Tue Sep 07 17:09:33 2010

7.7.9

7

Gulf Coast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13211.D
Acq On : 7 Sep 2010 12:32 pm
Operator : garyj
Sample : t59309-1
Misc : op15935,Ep624,990,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 13:05:19 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

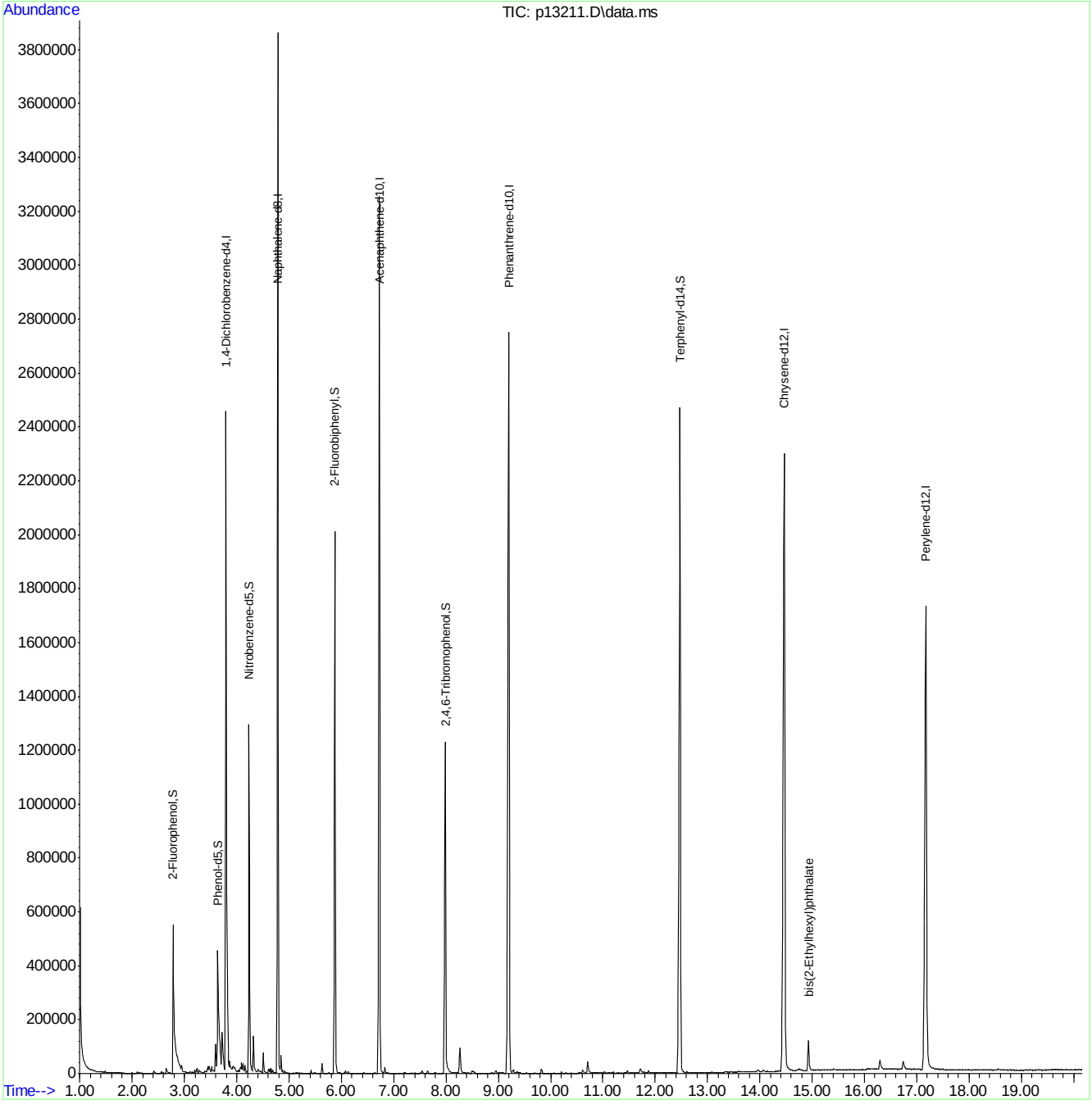
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.790	152	462044	40.00	ppm	0.00
31) Naphthalene-d8	4.784	136	1615631	40.00	ppm	-0.01
57) Acenaphthene-d10	6.726	164	1082025	40.00	ppm	-0.02
88) Phenanthrene-d10	9.202	188	1875068	40.00	ppm	-0.03
118) Chrysene-d12	14.471	240	1889295	40.00	ppm	-0.04
134) Perylene-d12	17.177	264	1400056	40.00	ppm	-0.02
System Monitoring Compounds						
13) 2-Fluorophenol	2.779	112	309450	24.20	ppm	-0.01
Spiked Amount 100.000	Range 10 - 66		Recovery = 24.20%			
15) Phenol-d5	3.629	99	300370	18.39	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 18.39%			
32) Nitrobenzene-d5	4.234	82	396949	20.31	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 40.62%			
61) 2-Fluorobiphenyl	5.876	172	703516	20.12	ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 40.24%			
93) 2,4,6-Tribromophenol	7.988	330	202036	45.27	ppm	-0.06
Spiked Amount 100.000	Range 32 - 128		Recovery = 45.27%			
121) Terphenyl-d14	12.476	244	1412060	40.46	ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 80.92%			
Target Compounds						Qvalue
133) bis(2-Ethylhexyl)phtha...	14.931	149	62346	1.52	ppm	# 51

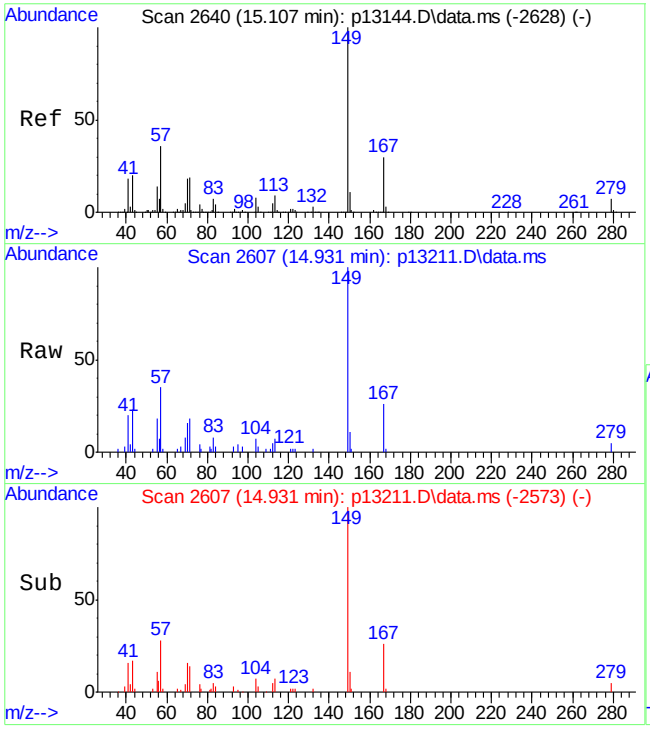
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13211.D
Acq On : 7 Sep 2010 12:32 pm
Operator : garyj
Sample : t59309-1
Misc : op15935,Ep624,990,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 13:05:19 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

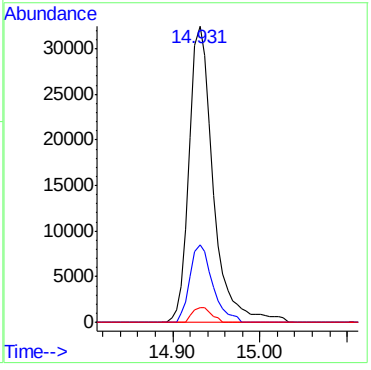




#133
bis(2-Ethylhexyl)phthalate
Concen: 1.52 ppm
RT: 14.931 min Scan# 2607
Delta R.T. -0.016 min
Lab File: p13211.D
Acq: 7 Sep 2010 12:32 pm

Tgt Ion:149 Resp: 62346

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.4	60.4#
279	0.0	0.0	36.2



8.1.1
8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13212.D
Acq On : 7 Sep 2010 12:57 pm
Operator : garyj
Sample : t59309-2
Misc : op15935,Ep624,990,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 13:21:27 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.789	152	320520	40.00	ppm	0.00
31) Naphthalene-d8	4.779	136	1173045	40.00	ppm	-0.02
57) Acenaphthene-d10	6.726	164	793955	40.00	ppm	-0.02
88) Phenanthrene-d10	9.197	188	1379065	40.00	ppm	-0.04
118) Chrysene-d12	14.465	240	1394549	40.00	ppm	-0.05
134) Perylene-d12	17.172	264	1038294	40.00	ppm	-0.03
System Monitoring Compounds						
13) 2-Fluorophenol	2.773	112	327920	36.96	ppm	-0.02
Spiked Amount 100.000	Range 10 - 66		Recovery = 36.96%			
15) Phenol-d5	3.629	99	323272	28.53	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 28.53%			
32) Nitrobenzene-d5	4.233	82	411656	32.75	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 65.50%			
61) 2-Fluorobiphenyl	5.875	172	732404	29.74	ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 59.48%			
93) 2,4,6-Tribromophenol	7.988	330	186851	56.81	ppm	-0.06
Spiked Amount 100.000	Range 32 - 128		Recovery = 56.81%			
121) Terphenyl-d14	12.470	244	935655	36.32	ppm	-0.06
Spiked Amount 50.000	Range 12 - 145		Recovery = 72.64%			

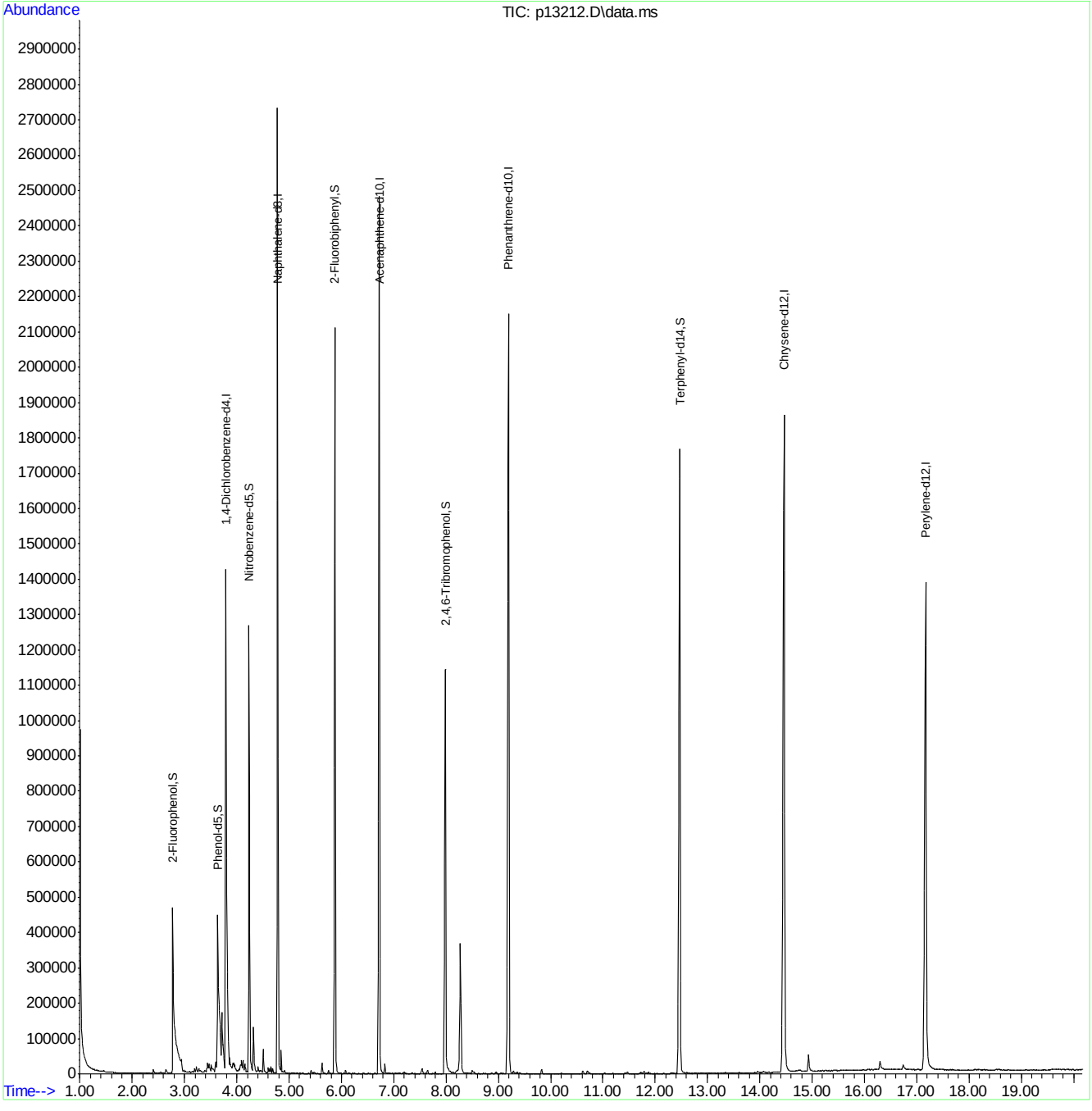
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13212.D
Acq On : 7 Sep 2010 12:57 pm
Operator : garyj
Sample : t59309-2
Misc : op15935,Ep624,990,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 13:21:27 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155076.D
Acq On : 7 Sep 2010 2:02 pm
Operator : sheilac
Sample : t59309-3
Misc : op15932,Ej923,30.26,,,1,1,soil
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 07 14:24:27 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	4.649	152	353524	40.00 ppm	-0.03
31) Naphthalene-d8	5.900	136	1351094	40.00 ppm	-0.03
57) Acenaphthene-d10	8.414	164	881347	40.00 ppm	-0.05
88) Phenanthrene-d10	11.217	188	1370518	40.00 ppm	-0.07
118) Chrysene-d12	16.763	240	1080986	40.00 ppm	-0.06
134) Perylene-d12	19.571	264	564417	40.00 ppm	-0.06
System Monitoring Compounds					
13) 2-Fluorophenol	3.589	112	808605	76.20 ppm	-0.02
Spiked Amount 100.000	Range 26 - 124		Recovery = 76.20%		
15) Phenol-d5	4.397	99	1108860	85.93 ppm	-0.03
Spiked Amount 100.000	Range 19 - 106		Recovery = 85.93%		
32) Nitrobenzene-d5	5.157	82	520903	43.80 ppm	-0.04
Spiked Amount 50.000	Range 18 - 104		Recovery = 87.60%		
61) 2-Fluorobiphenyl	7.328	172	1070867	47.82 ppm	-0.05
Spiked Amount 50.000	Range 21 - 114		Recovery = 95.64%		
93) 2,4,6-Tribromophenol	9.869	330	235554	109.73 ppm	-0.07
Spiked Amount 100.000	Range 18 - 129		Recovery = 109.73%		
121) Terphenyl-d14	14.613	244	1188309	58.37 ppm	-0.05
Spiked Amount 50.000	Range 24 - 149		Recovery = 116.74%		

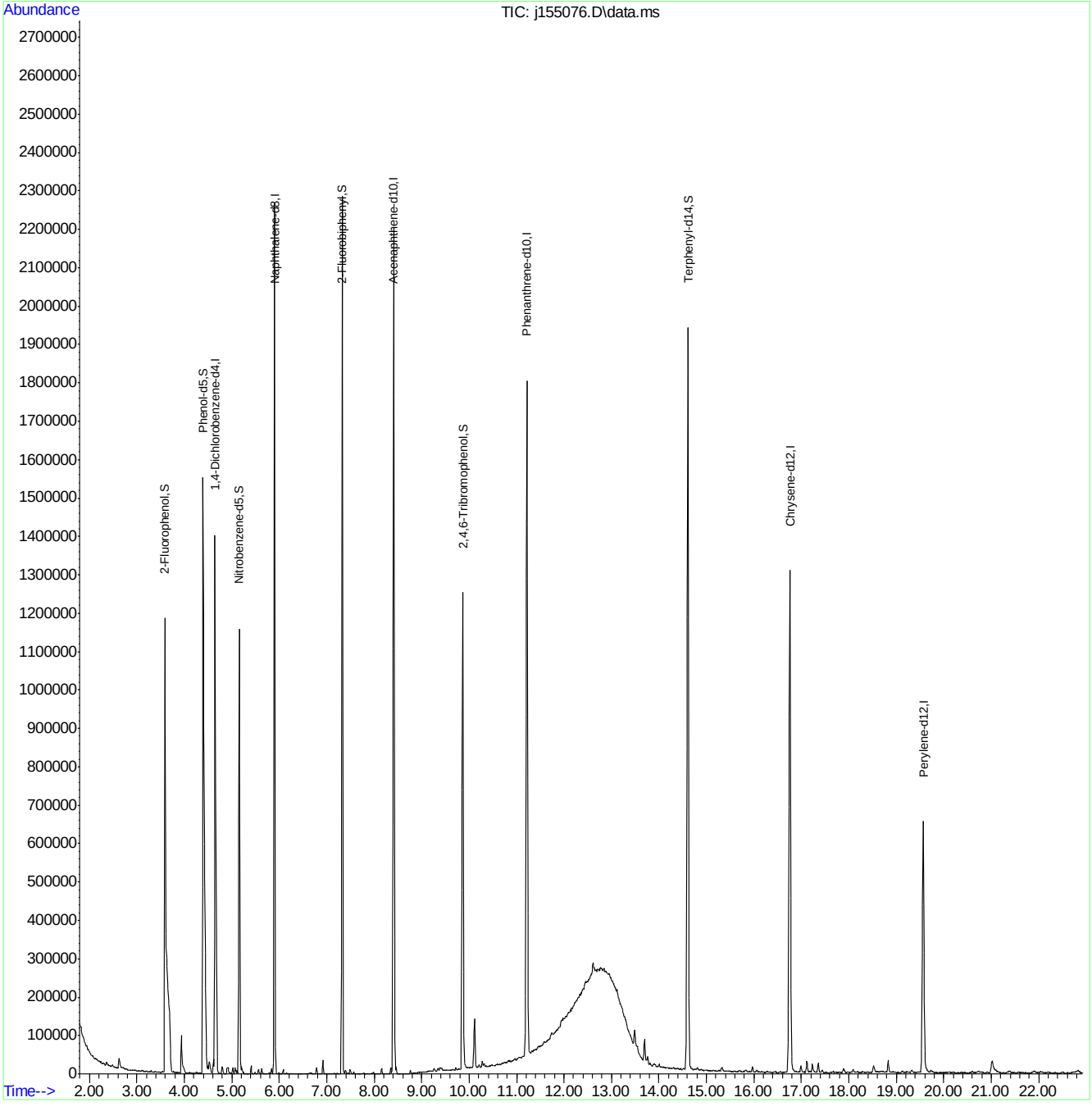
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155076.D
Acq On : 7 Sep 2010 2:02 pm
Operator : sheilac
Sample : t59309-3
Misc : op15932,Ej923,30.26,,,1,1,soil
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 07 14:24:27 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration



Library Search Compound Report

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155076.D
Acq On : 7 Sep 2010 2:02 pm
Operator : sheilac
Sample : t59309-3
Misc : op15932,Ej923,30.26,,,1,1,soil
ALS Vial : 8 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9

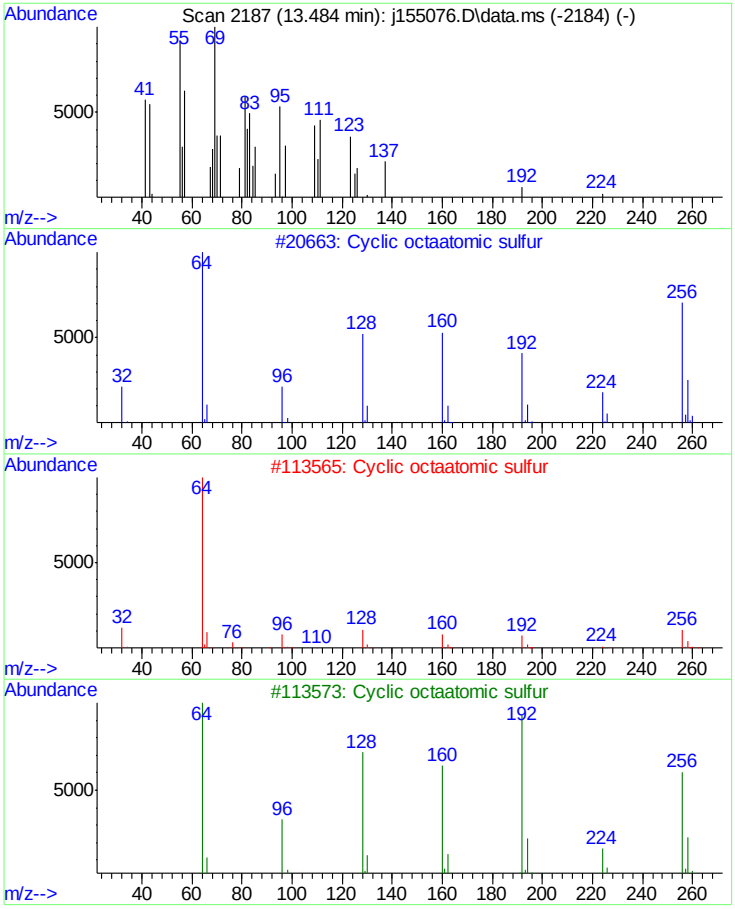
TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P

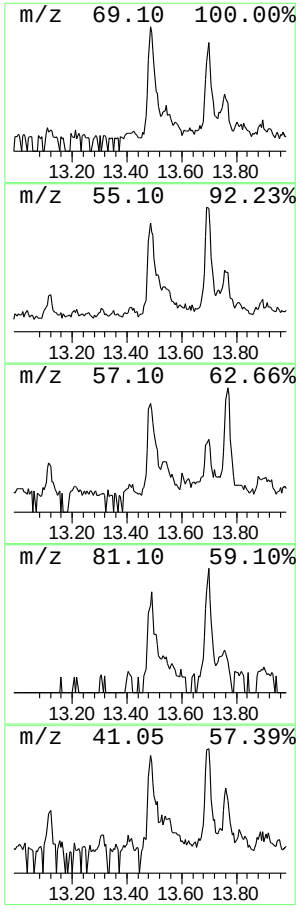
****

Peak Number 1 Cyclic octaatomic sulfur Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.485	3.62 ppm	326100	Phenanthrene-d10	11.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	95
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
3	Cyclic octaatomic sulfur	256	S8	010544-50-0	55
4	Valine, 3-[sulfothio]-	229	C5H11NO5S2	1000211-59-6	40
5	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	36





Tentatively Identified Compound (LSC) summary

```
  Data Path : C:\msdchem\1\DATA\ej923\
  Data File : j155076.D
  Acq On    :  7 Sep 2010   2:02 pm
  Operator  : sheilac
  Sample    : t59309-3
  Misc      : op15932,Ej923,30.26,,,1,1,soil
  ALS Vial  : 8   Sample Multiplier: 1

  Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
  Quant Title  : SW846 8270C Appendix 9

  TIC Library   : C:\DATABASE\NIST98.L
  TIC Integration Parameters: LSCINT.P

                                                   |--Internal Standard---|
  TIC Top Hit name      RT  EstConc Units Response |#    RT     Resp  Conc|
-------------------------------------------------------------------------------

ej921ap9.m Fri Oct 15 09:17:42 2010
Cyclic octaatom...  13.485     3.6  ppm    326100   4  11.217 3601920  40.0
```

8.1.4

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155077.D
Acq On : 7 Sep 2010 2:31 pm
Operator : sheilac
Sample : t59309-4
Misc : op15932,Ej923,30.58,,,1,1,soil
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 15:16:31 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.649	152	395341	40.00	ppm	-0.03
31) Naphthalene-d8	5.900	136	1520999	40.00	ppm	-0.03
57) Acenaphthene-d10	8.414	164	1023647	40.00	ppm	-0.05
88) Phenanthrene-d10	11.222	188	1643005	40.00	ppm	-0.06
118) Chrysene-d12	16.763	240	1356900	40.00	ppm	-0.06
134) Perylene-d12	19.571	264	695256	40.00	ppm	-0.06
System Monitoring Compounds						
13) 2-Fluorophenol	3.590	112	787430	66.36	ppm	-0.02
Spiked Amount 100.000	Range 26 - 124		Recovery = 66.36%			
15) Phenol-d5	4.397	99	1084046	75.12	ppm	-0.03
Spiked Amount 100.000	Range 19 - 106		Recovery = 75.12%			
32) Nitrobenzene-d5	5.157	82	514189	38.40	ppm	-0.04
Spiked Amount 50.000	Range 18 - 104		Recovery = 76.80%			
61) 2-Fluorobiphenyl	7.328	172	1057318	40.65	ppm	-0.05
Spiked Amount 50.000	Range 21 - 114		Recovery = 81.30%			
93) 2,4,6-Tribromophenol	9.869	330	263172	102.26	ppm	-0.07
Spiked Amount 100.000	Range 18 - 129		Recovery = 102.26%			
121) Terphenyl-d14	14.613	244	1400963	54.82	ppm	-0.05
Spiked Amount 50.000	Range 24 - 149		Recovery = 109.64%			

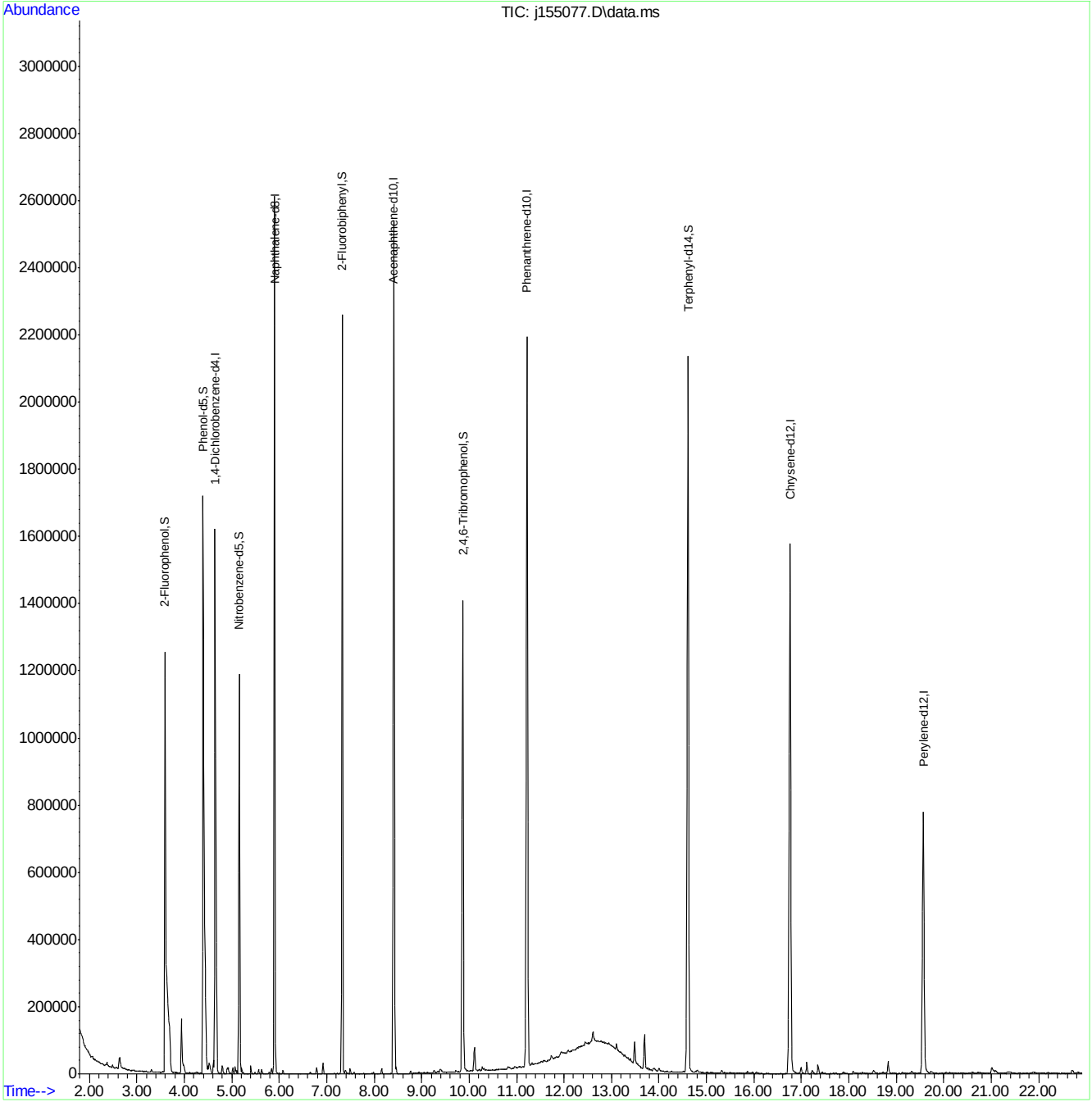
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155077.D
Acq On : 7 Sep 2010 2:31 pm
Operator : sheilac
Sample : t59309-4
Misc : op15932,Ej923,30.58,,,1,1,soil
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 15:16:31 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration



Library Search Compound Report

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155077.D
Acq On : 7 Sep 2010 2:31 pm
Operator : sheilac
Sample : t59309-4
Misc : op15932,Ej923,30.58,,,1,1,soil
ALS Vial : 9 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9

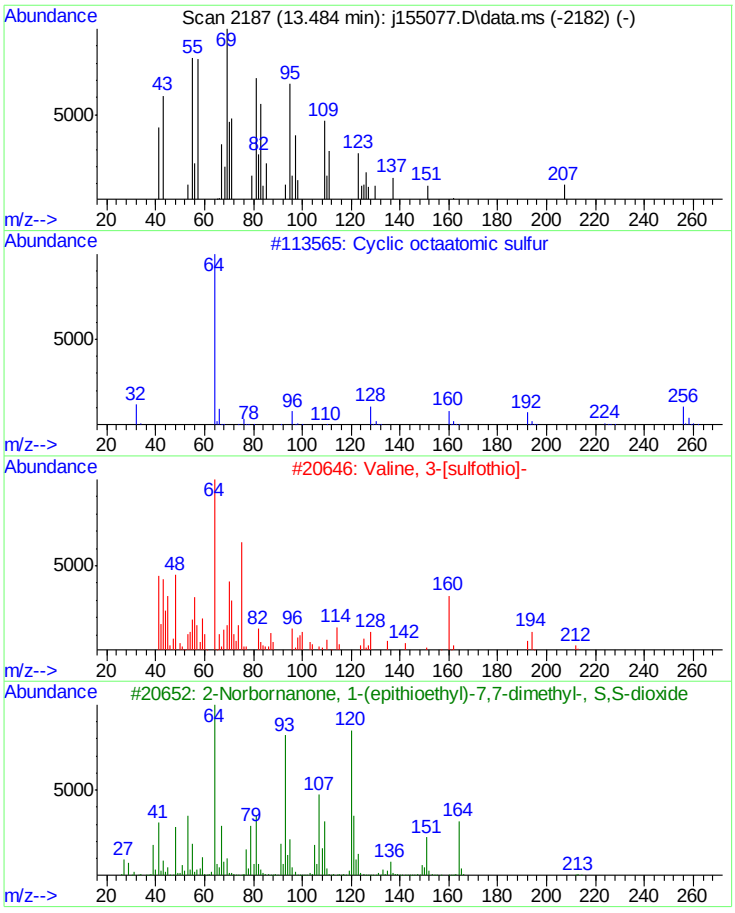
TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P

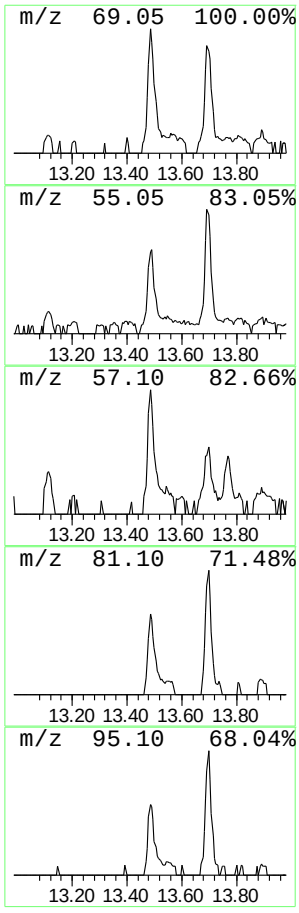
****

Peak Number 2 Cyclic octaatomic sulfur Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.485	1.96 ppm	212757	Phenanthrene-d10	11.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	90
2	Valine, 3-[sulfothio]-	229	C5H11NO5S2	1000211-59-6	39
3	2-Norbornanone, 1-(epithioethyl)...	228	C11H16O3S	001782-93-0	36
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





Tentatively Identified Compound (LSC) summary

```
  Data Path : C:\msdchem\1\DATA\ej923\
  Data File : j155077.D
  Acq On    :  7 Sep 2010   2:31 pm
  Operator  : sheilac
  Sample    : t59309-4
  Misc      : op15932,Ej923,30.58,,,1,1,soil
  ALS Vial  : 9   Sample Multiplier: 1

  Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
  Quant Title  : SW846 8270C Appendix 9

  TIC Library   : C:\DATABASE\NIST98.L
  TIC Integration Parameters: LSCINT.P
```

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
Ethane, 1,1,2,2...	3.937	4.3	ppm	264139	1	4.649	2441770	40.0
ej921ap9.m Fri Oct 15 09:17:26 2010								
Cyclic octaatom...	13.485	2.0	ppm	212757	4	11.222	4341500	40.0

8.1.6

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1394.D
Acq On : 7 Sep 2010 5:32 pm
Operator : murtuzak
Sample : t59309-1
Misc : op15936,ev82,990,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 18:08:51 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	247488	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	161435	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	329442	4.00	ug/ml	0.00
15) Chrysene-d12	14.932	240	175409	4.00	ug/ml	0.01
20) Perylene-d12	17.507	264	97494	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1054738	25.70	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 51.40%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1483935	26.22	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 52.44%			
17) Terphenyl-d14	13.019	244	2452263	49.54	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 160		Recovery = 99.08%			

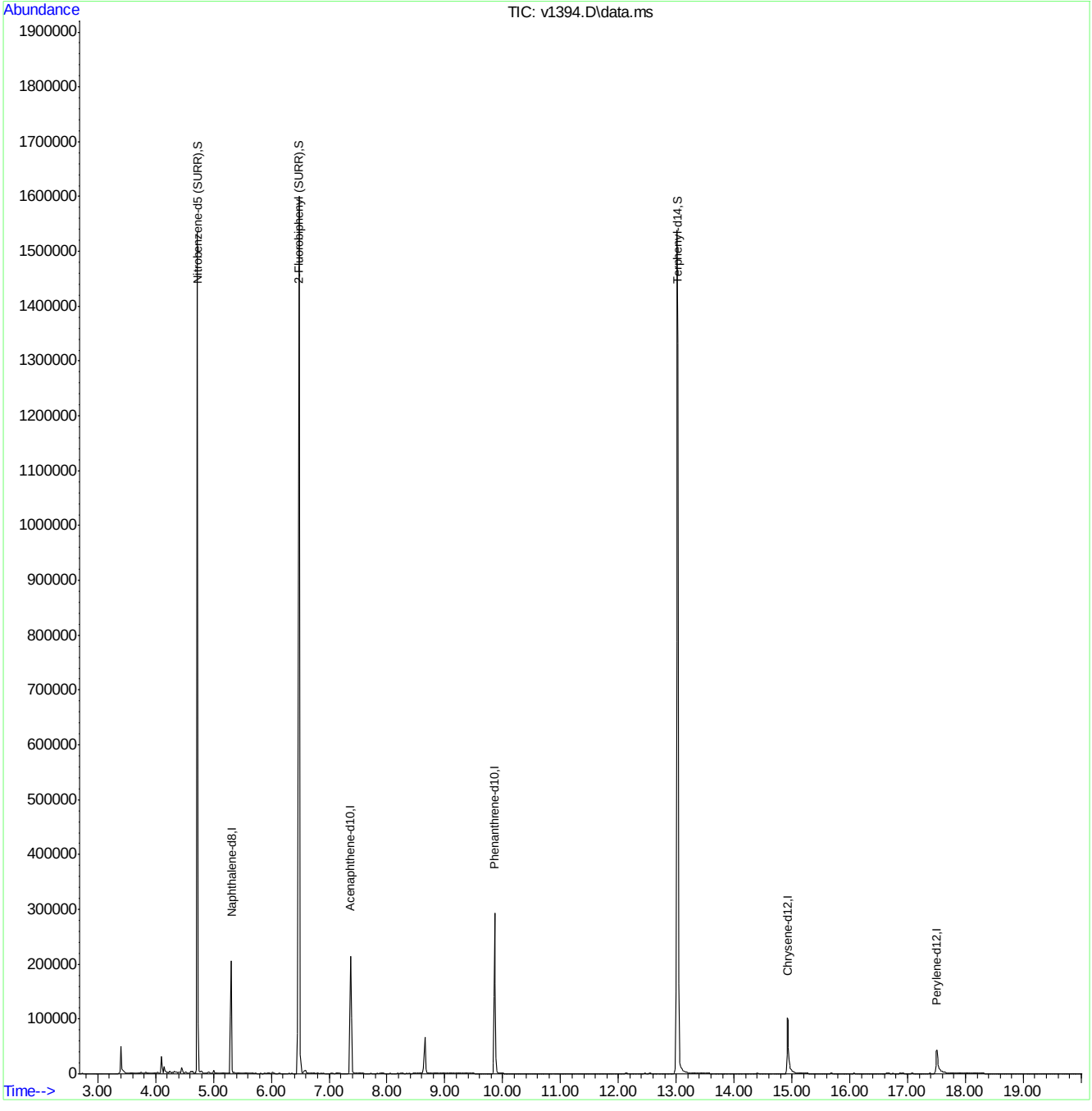
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1394.D
Acq On : 7 Sep 2010 5:32 pm
Operator : murtuzak
Sample : t59309-1
Misc : op15936,ev82,990,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 18:08:51 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1395.D
Acq On : 7 Sep 2010 5:58 pm
Operator : murtuzak
Sample : t59309-2
Misc : op15936,ev82,990,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 18:26:58 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	235574	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	164846	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	316943	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	170614	4.00	ug/ml	0.00
20) Perylene-d12	17.506	264	101934	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1176304	34.10	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 68.20%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1564916	27.47	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 54.94%			
17) Terphenyl-d14	13.019	244	1887729	39.20	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 160		Recovery = 78.40%			

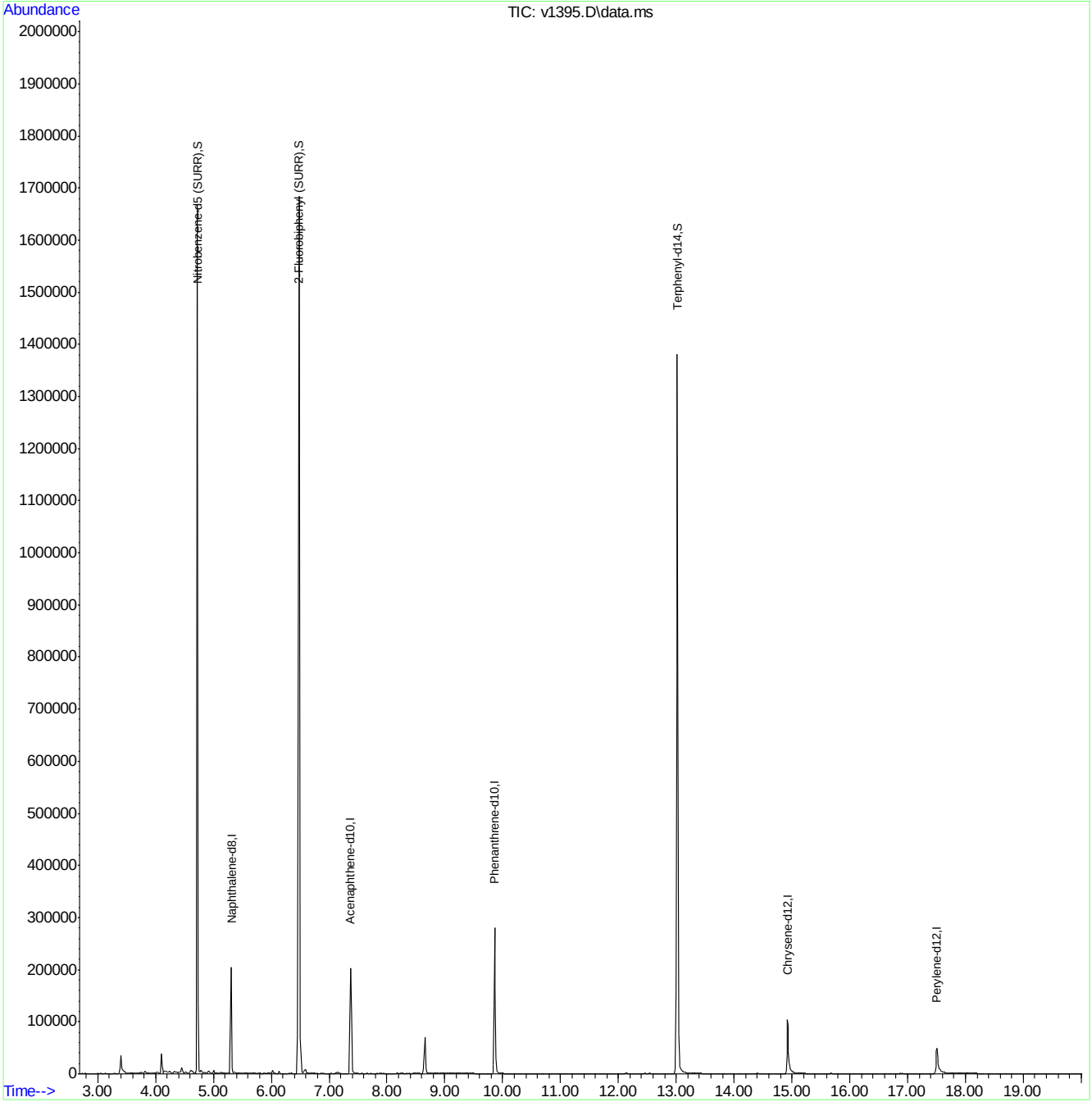
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1395.D
Acq On : 7 Sep 2010 5:58 pm
Operator : murtuzak
Sample : t59309-2
Misc : op15936,ev82,990,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 18:26:58 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1402.D
Acq On : 7 Sep 2010 9:01 pm
Operator : murtuzak
Sample : t59309-3
Misc : op15933,ev82,30.26,,,1,1,soil
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 08 09:08:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

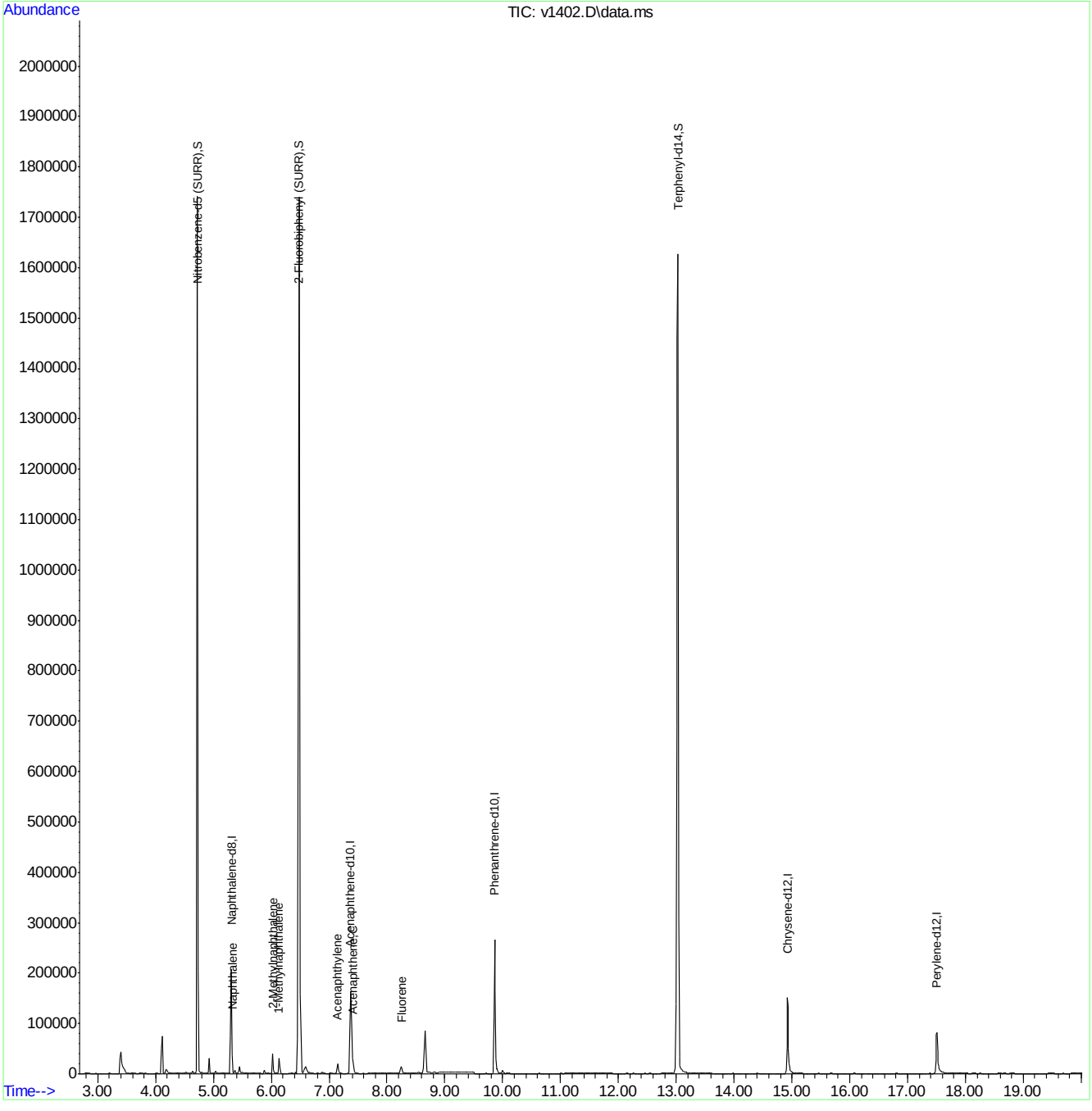
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	219709	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	137757	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	300298	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	208874	4.00	ug/ml	0.00
20) Perylene-d12	17.507	264	132394	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1250897	33.48	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 127		Recovery = 66.96%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1660158	40.94	ug/ml	0.00
Spiked Amount 50.000	Range 11 - 133		Recovery = 81.88%			
17) Terphenyl-d14	13.031	244	2590653	43.95	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 187		Recovery = 87.90%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	35062	0.37	ug/ml#	69
4) 2-Methylnaphthalene	6.026	142	22944	0.25	ug/ml#	97
5) 1-Methylnaphthalene	6.134	142	20345	0.32	ug/ml#	100
8) Acenaphthylene	7.146	152	23568	0.31	ug/ml#	60
9) Acenaphthene	7.412	154	15395	0.29	ug/ml#	71
10) Fluorene	8.255	166	12860	0.22	ug/ml#	95

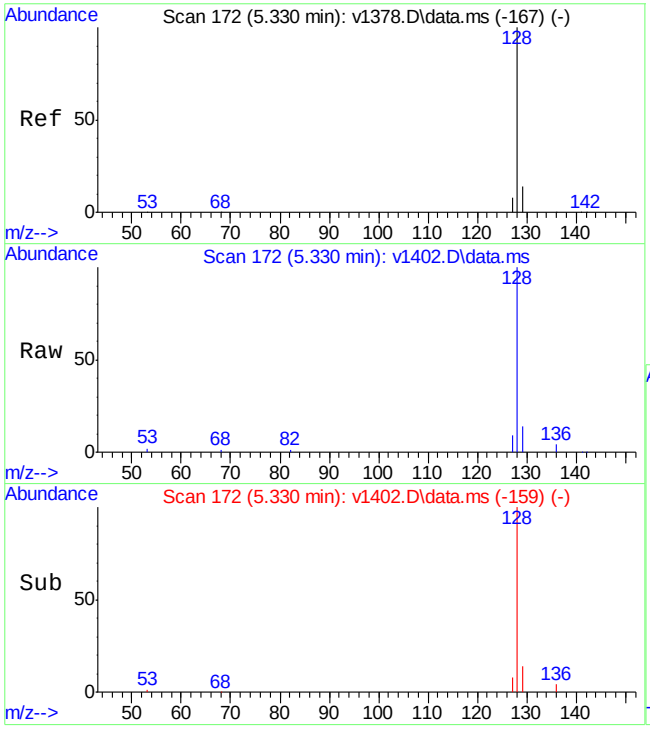
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1402.D
Acq On : 7 Sep 2010 9:01 pm
Operator : murtuzak
Sample : t59309-3
Misc : op15933,ev82,30.26,,,1,1,soil
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 08 09:08:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

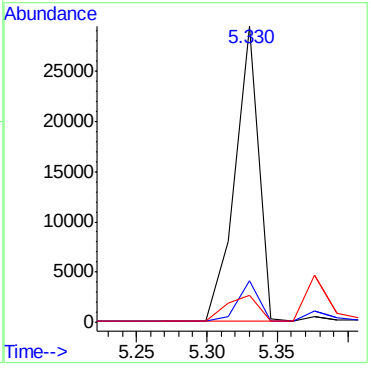


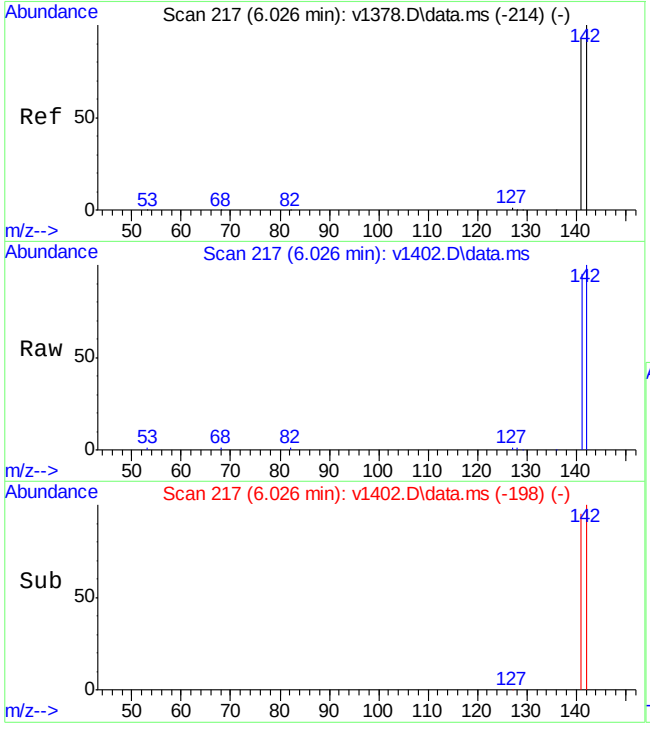


#3
Naphthalene
Concen: 0.37 ug/ml
RT: 5.330 min Scan# 172
Delta R.T. 0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

Tgt Ion:128 Resp: 35062

Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	32.5
127	0.0	0.0	31.6

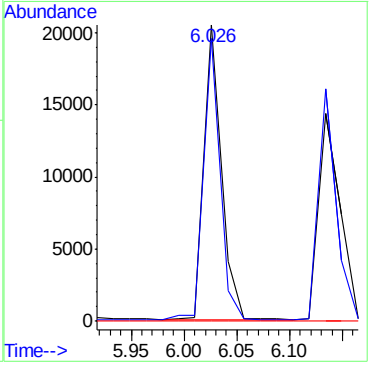




#4
2-Methylnaphthalene
Concen: 0.25 ug/ml
RT: 6.026 min Scan# 217
Delta R.T. -0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

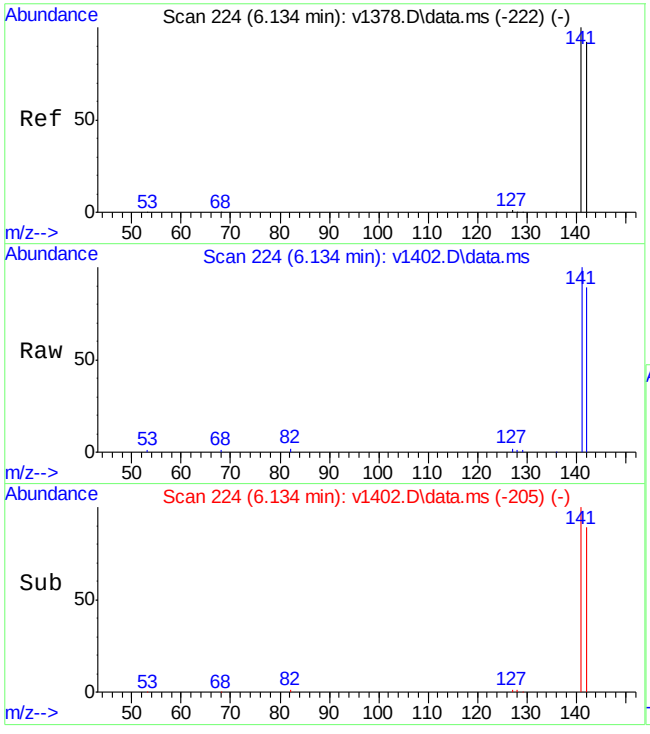
Tgt Ion:142 Resp: 22944

Ion	Ratio	Lower	Upper
142	100		
141	90.3	67.4	107.4
115	0.0	0.0	20.0



8.1.9

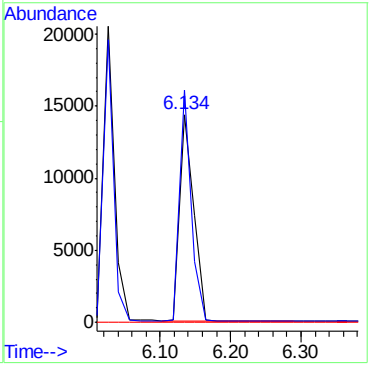
8

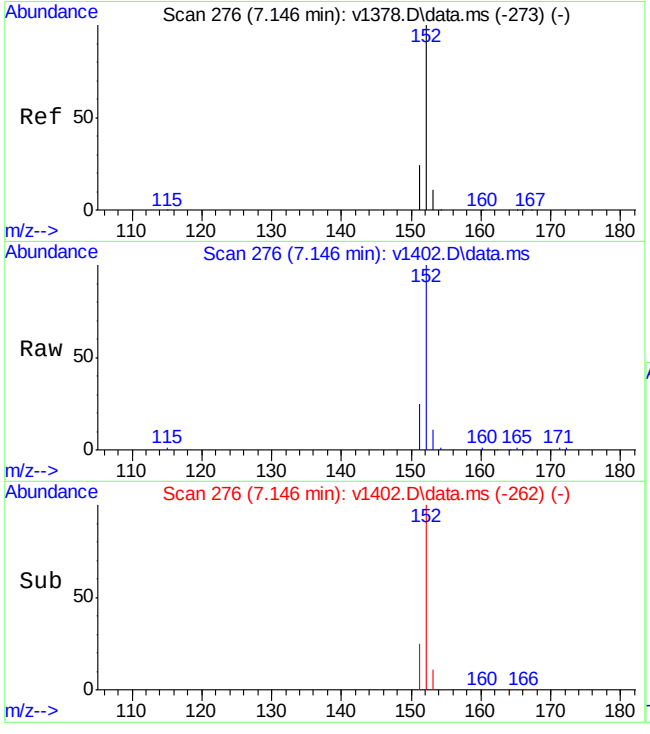


#5
1-Methylnaphthalene
Concen: 0.32 ug/ml
RT: 6.134 min Scan# 224
Delta R.T. -0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

Tgt Ion:142 Resp: 20345

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	113.0
115	0.0	0.0	20.0

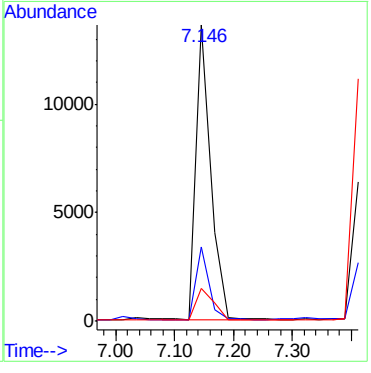


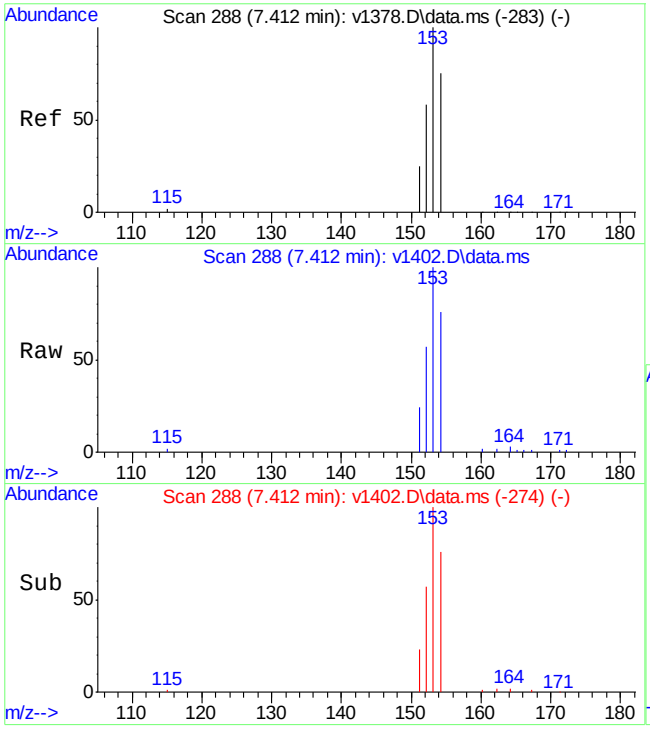


#8
Acenaphthylene
Concen: 0.31 ug/ml
RT: 7.146 min Scan# 276
Delta R.T. 0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

Tgt Ion:152 Resp: 23568

Ion	Ratio	Lower	Upper
152	100		
151	0.0	1.0	41.0#
153	0.0	0.0	33.1

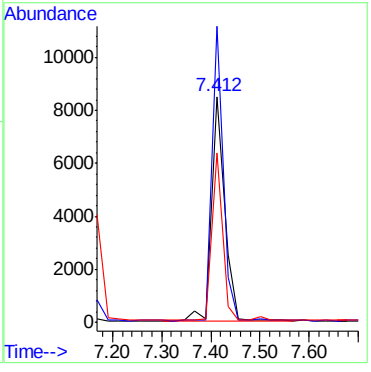


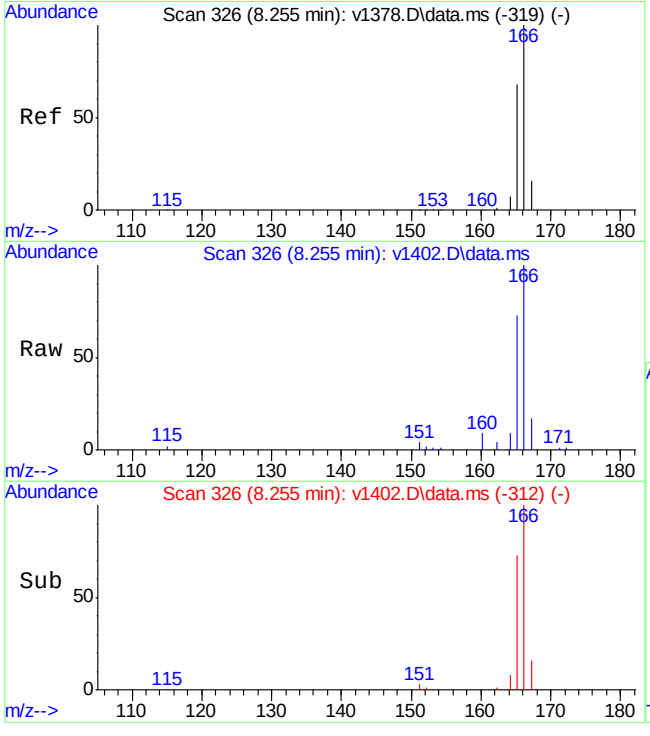


#9
Acenaphthene
Concen: 0.29 ug/ml
RT: 7.412 min Scan# 288
Delta R.T. 0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

Tgt Ion:154 Resp: 15395

Ion	Ratio	Lower	Upper
154	100		
153	111.1	93.3	133.3
152	0.0	40.4	80.4#

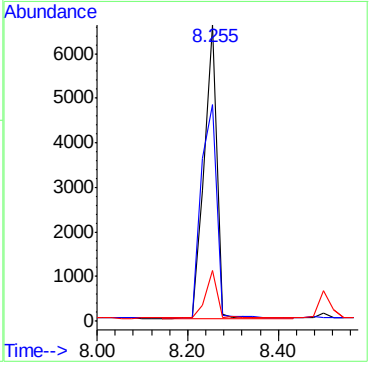




#10
Fluorene
Concen: 0.22 ug/ml
RT: 8.255 min Scan# 326
Delta R.T. -0.000 min
Lab File: v1402.D
Acq: 7 Sep 2010 9:01 pm

Tgt Ion:166 Resp: 12860

Ion	Ratio	Lower	Upper
166	100		
165	88.7	69.0	109.0
167	0.0	0.0	34.4



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1403.D
Acq On : 7 Sep 2010 9:27 pm
Operator : murtuzak
Sample : t59309-4
Misc : op15933,ev82,30.58,,,1,1,soil
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 08 09:10:02 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

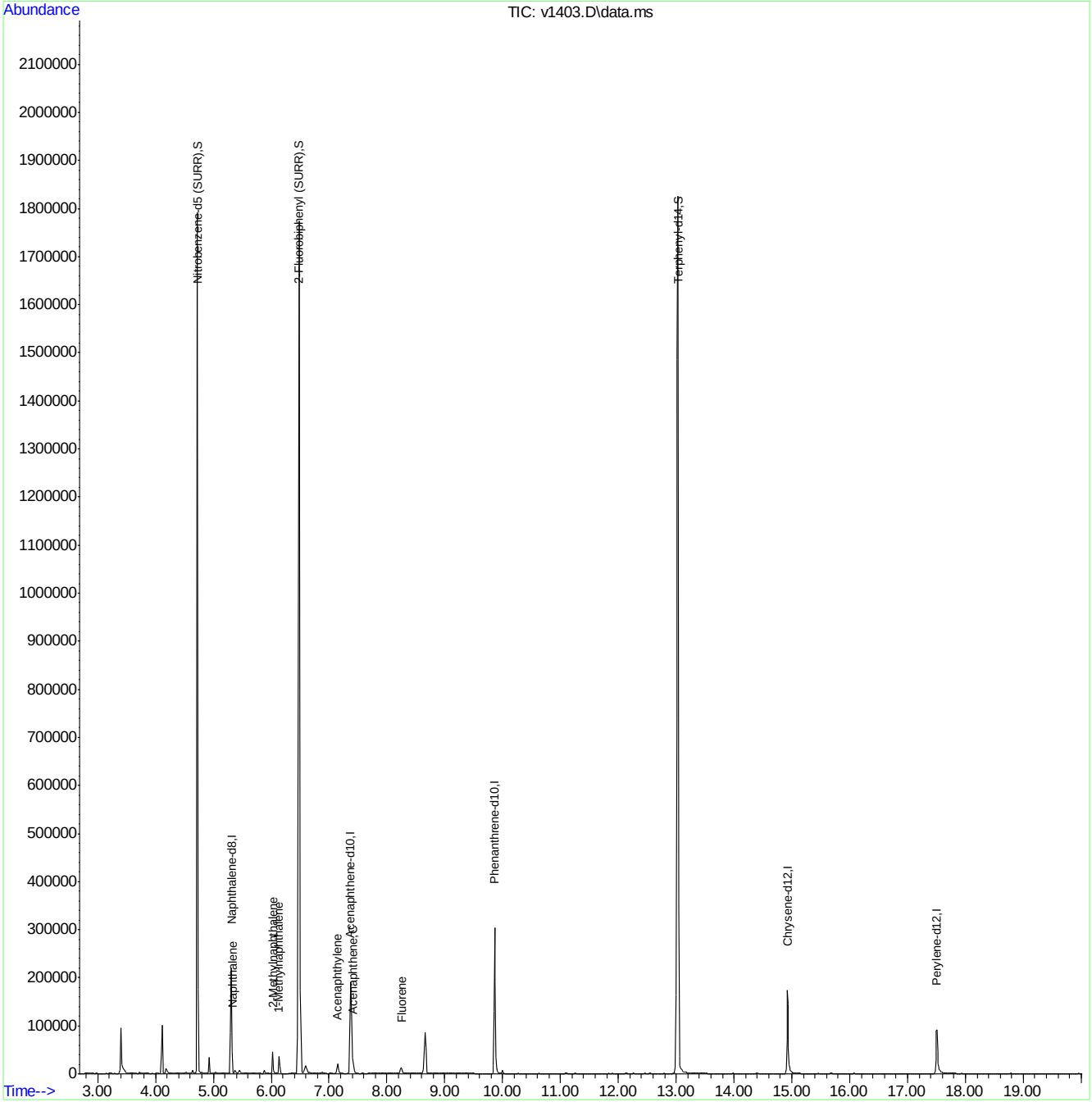
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	236884	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	161010	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	342952	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	231375	4.00	ug/ml	0.00
20) Perylene-d12	17.507	264	142292	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1271879	31.57	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 127		Recovery = 63.14%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1710812	32.66	ug/ml	0.00
Spiked Amount 50.000	Range 11 - 133		Recovery = 65.32%			
17) Terphenyl-d14	13.031	244	2802751	42.92	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 187		Recovery = 85.84%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	41393	0.40	ug/ml#	69
4) 2-Methylnaphthalene	6.026	142	25653	0.26	ug/ml#	96
5) 1-Methylnaphthalene	6.134	142	24281	0.35	ug/ml#	98
8) Acenaphthylene	7.146	152	26767	0.31	ug/ml#	60
9) Acenaphthene	7.412	154	16743	0.27	ug/ml	98
10) Fluorene	8.255	166	12983	0.19	ug/ml#	95

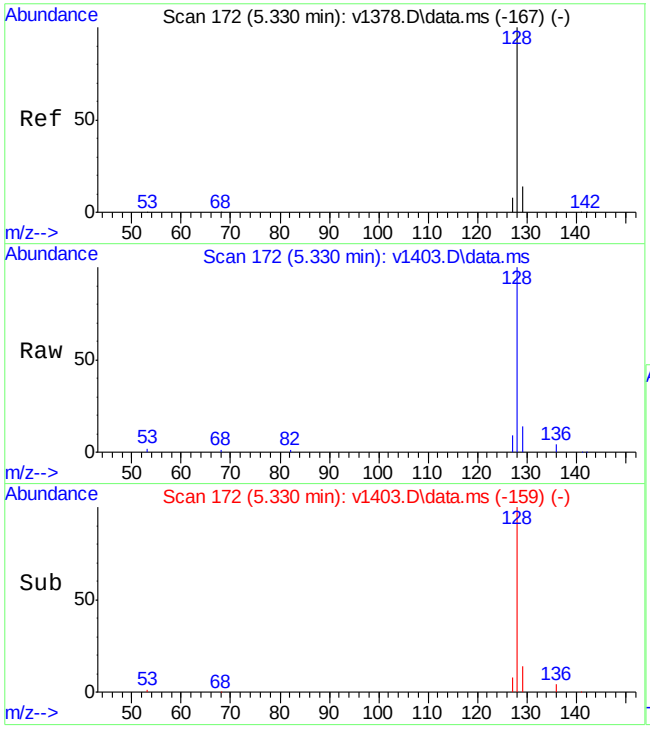
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1403.D
Acq On : 7 Sep 2010 9:27 pm
Operator : murtuzak
Sample : t59309-4
Misc : op15933,ev82,30.58,,,1,1,soil
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 08 09:10:02 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

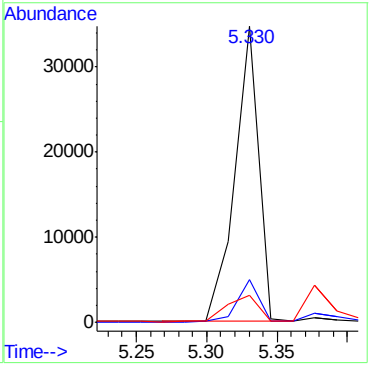


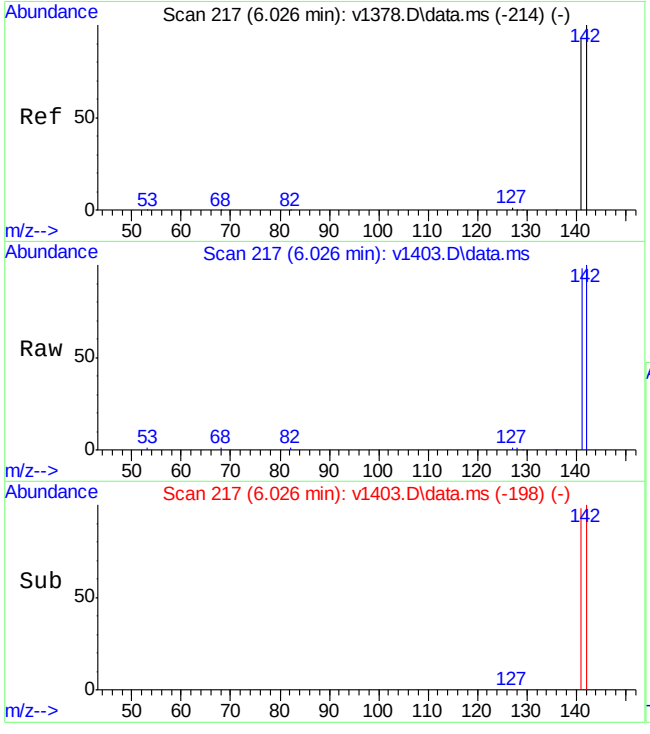


#3
Naphthalene
Concen: 0.40 ug/ml
RT: 5.330 min Scan# 172
Delta R.T. 0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:128 Resp: 41393

Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	32.5
127	0.0	0.0	31.6

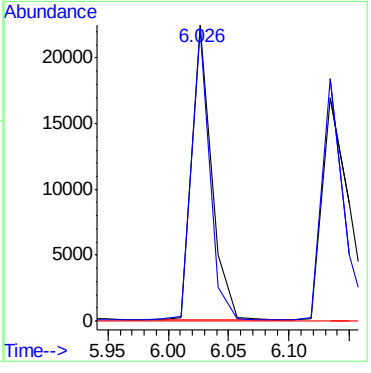


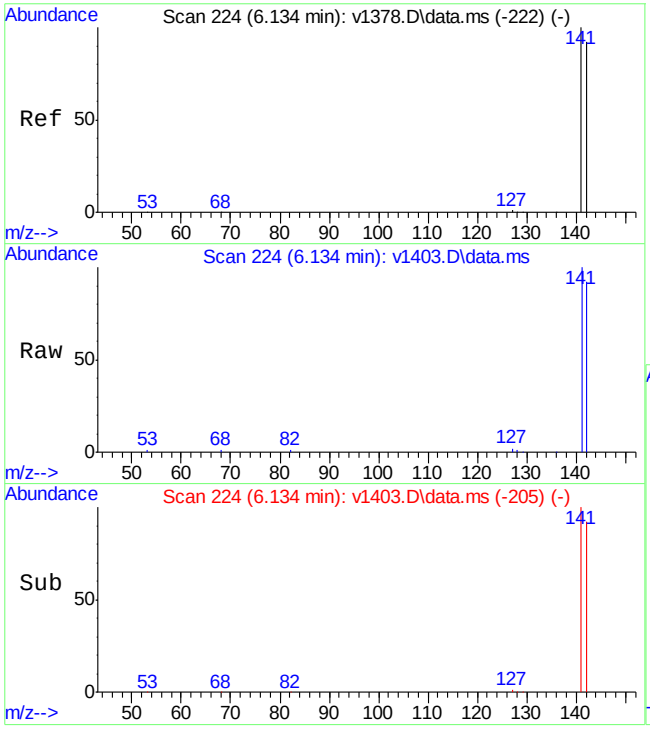


#4
2-Methylnaphthalene
Concen: 0.26 ug/ml
RT: 6.026 min Scan# 217
Delta R.T. -0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:142 Resp: 25653

Ion	Ratio	Lower	Upper
142	100		
141	90.8	67.4	107.4
115	0.0	0.0	20.0

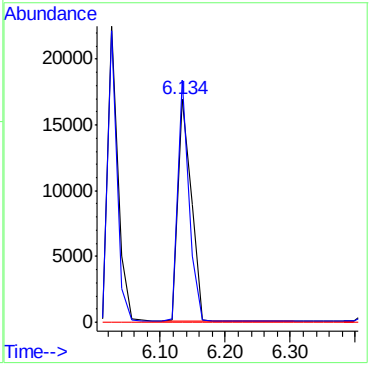


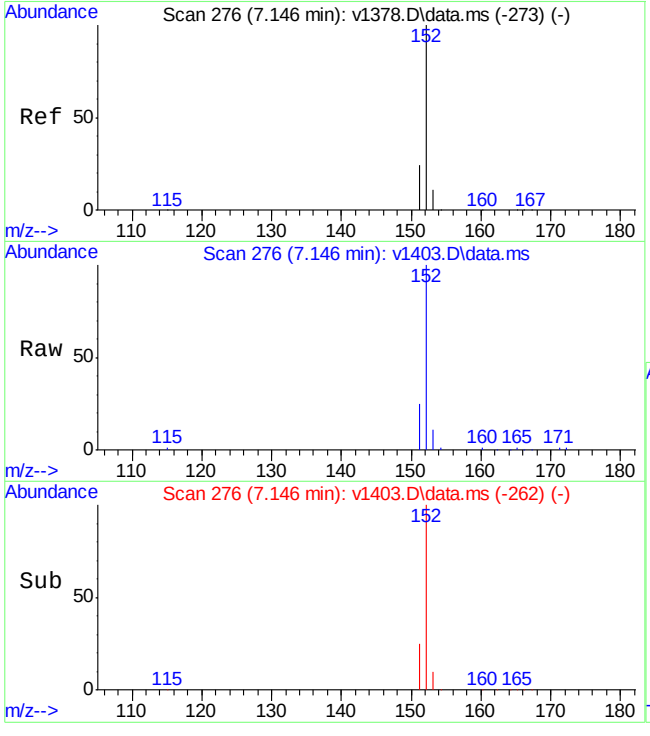


#5
1-Methylnaphthalene
Concen: 0.35 ug/ml
RT: 6.134 min Scan# 224
Delta R.T. 0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:142 Resp: 24281

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	113.0
115	0.0	0.0	20.0

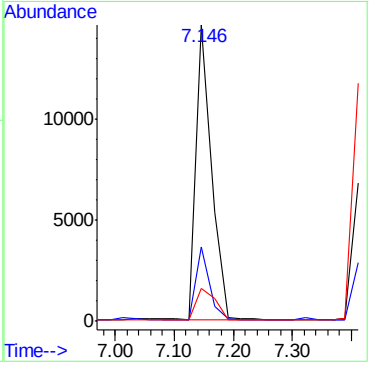


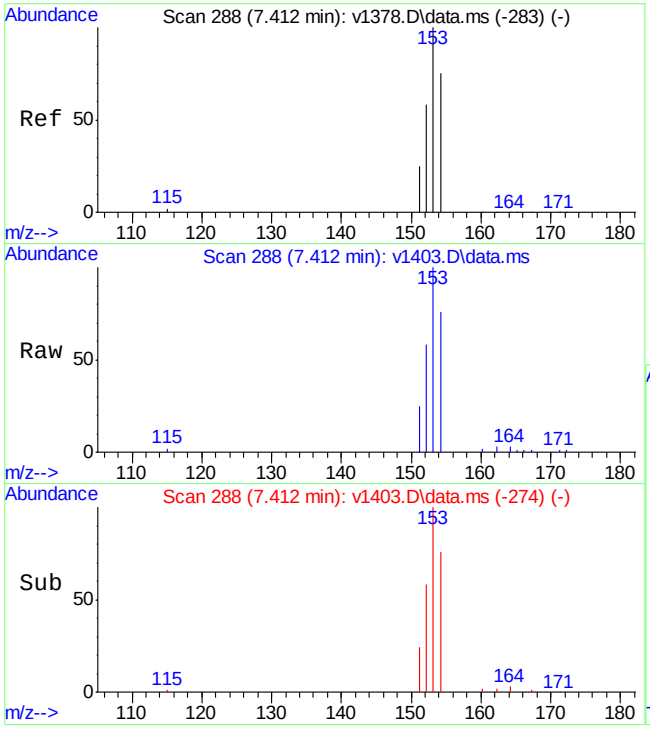


#8
Acenaphthylene
Concen: 0.31 ug/ml
RT: 7.146 min Scan# 276
Delta R.T. 0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:152 Resp: 26767

Ion	Ratio	Lower	Upper
152	100		
151	0.0	1.0	41.0#
153	0.0	0.0	33.1

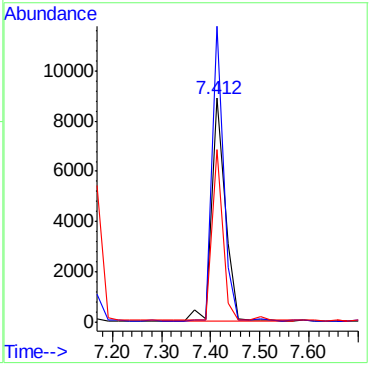


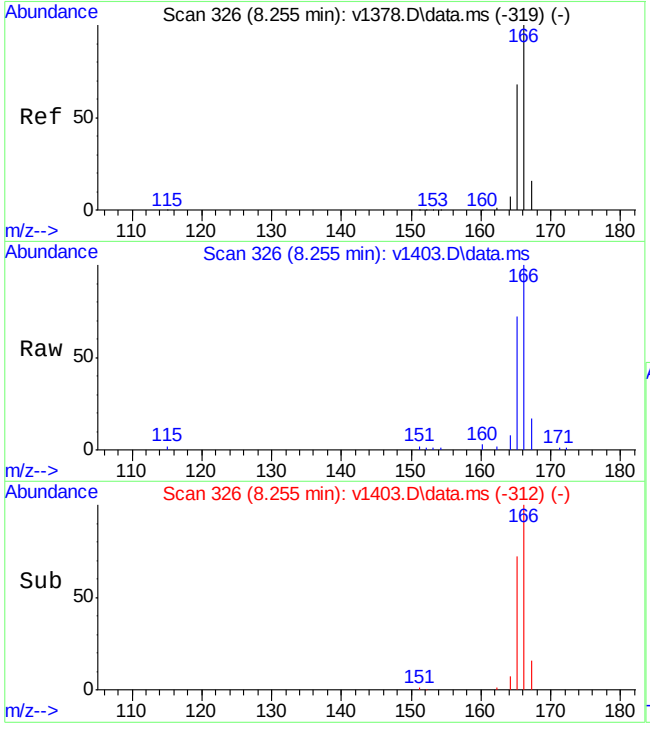


#9
Acenaphthene
Concen: 0.27 ug/ml
RT: 7.412 min Scan# 288
Delta R.T. 0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:154 Resp: 16743

Ion	Ratio	Lower	Upper
154	100		
153	110.7	93.3	133.3
152	59.8	40.4	80.4

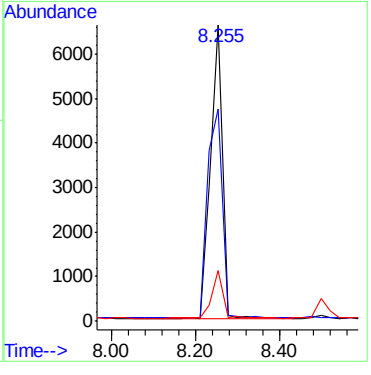




#10
Fluorene
Concen: 0.19 ug/ml
RT: 8.255 min Scan# 326
Delta R.T. -0.000 min
Lab File: v1403.D
Acq: 7 Sep 2010 9:27 pm

Tgt Ion:166 Resp: 12983

Ion	Ratio	Lower	Upper
166	100		
165	88.6	69.0	109.0
167	0.0	0.0	34.4



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13204.D
Acq On : 7 Sep 2010 9:37 am
Operator : garyj
Sample : op15935-mb
Misc : op15935,Ep624,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 09:58:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	3.790	152	671070	40.00 ppm	0.00
31) Naphthalene-d8	4.784	136	2270026	40.00 ppm	-0.01
57) Acenaphthene-d10	6.731	164	1495978	40.00 ppm	-0.01
88) Phenanthrene-d10	9.208	188	2517574	40.00 ppm	-0.03
118) Chrysene-d12	14.482	240	2638763	40.00 ppm	-0.03
134) Perylene-d12	17.188	264	2120237	40.00 ppm	-0.01
System Monitoring Compounds					
13) 2-Fluorophenol	2.768	112	618558	33.30 ppm	-0.02
Spiked Amount 100.000	Range 10 - 66		Recovery = 33.30%		
15) Phenol-d5	3.618	99	587139	24.75 ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 24.75%		
32) Nitrobenzene-d5	4.239	82	781350	31.96 ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 63.92%		
61) 2-Fluorobiphenyl	5.881	172	1412881	30.53 ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 61.06%		
93) 2,4,6-Tribromophenol	7.994	330	398816	66.30 ppm	-0.05
Spiked Amount 100.000	Range 32 - 128		Recovery = 66.30%		
121) Terphenyl-d14	12.481	244	1609626	33.02 ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 66.04%		

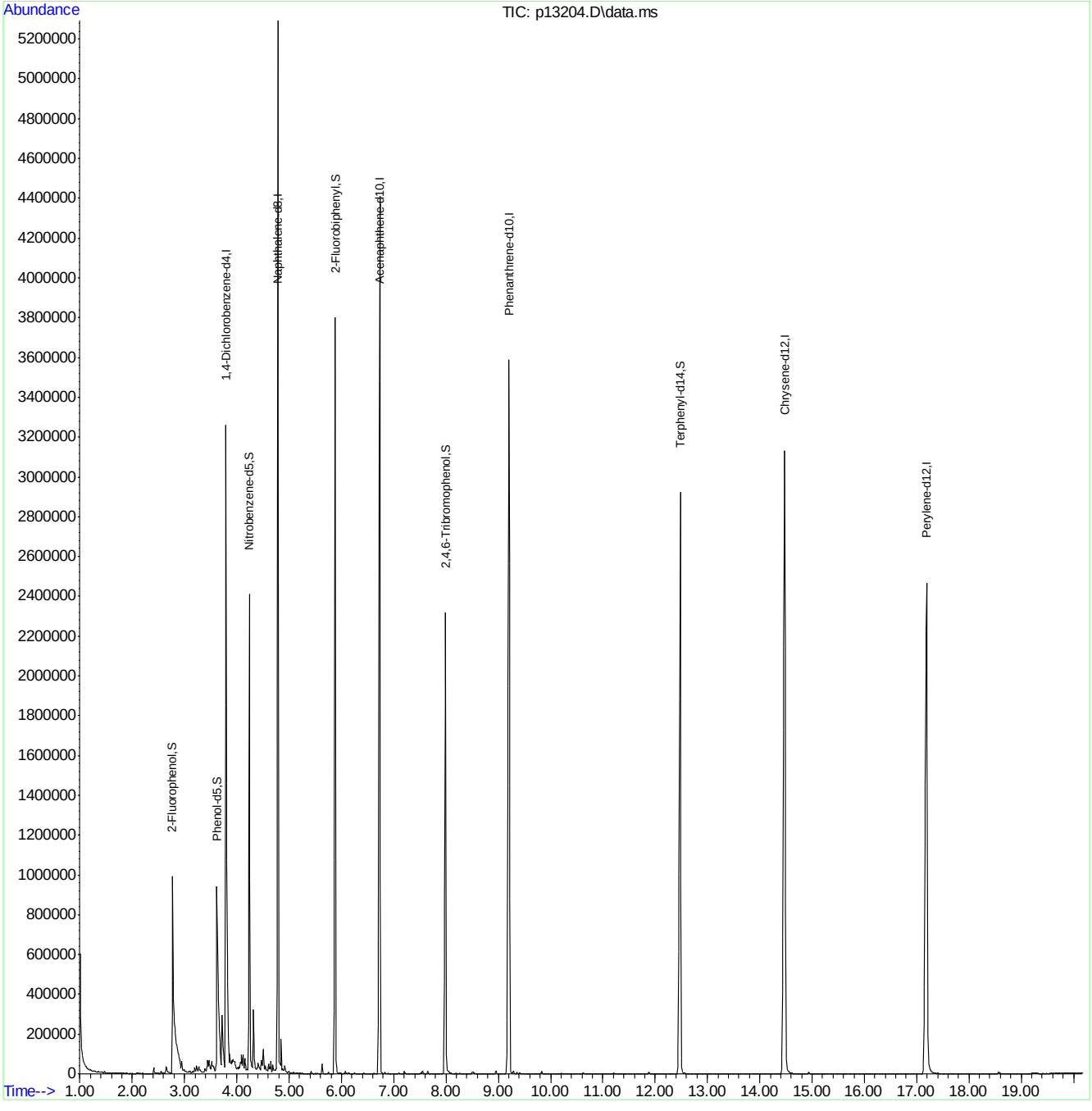
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13204.D
Acq On : 7 Sep 2010 9:37 am
Operator : garyj
Sample : op15935-mb
Misc : op15935,Ep624,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 09:58:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration



ep621a9.m Tue Sep 07 09:58:47 2010 Page: 2

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On : 7 Sep 2010 12:04 pm
Operator : sheilac
Sample : op15932-mb
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 12:29:41 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.649	152	541141	40.00	ppm	-0.03
31) Naphthalene-d8	5.900	136	2038267	40.00	ppm	-0.03
57) Acenaphthene-d10	8.414	164	1270510	40.00	ppm	-0.05
88) Phenanthrene-d10	11.217	188	1884797	40.00	ppm	-0.07
118) Chrysene-d12	16.758	240	1570677	40.00	ppm	-0.07
134) Perylene-d12	19.577	264	1105084	40.00	ppm	-0.05
System Monitoring Compounds						
13) 2-Fluorophenol	3.590	112	900646	55.45	ppm	-0.02
Spiked Amount 100.000	Range 26 - 124		Recovery = 55.45%			
15) Phenol-d5	4.397	99	1247144	63.14	ppm	-0.03
Spiked Amount 100.000	Range 19 - 106		Recovery = 63.14%			
32) Nitrobenzene-d5	5.151	82	583494	32.52	ppm	-0.04
Spiked Amount 50.000	Range 18 - 104		Recovery = 65.04%			
61) 2-Fluorobiphenyl	7.328	172	1190959	36.89	ppm	-0.05
Spiked Amount 50.000	Range 21 - 114		Recovery = 73.78%			
93) 2,4,6-Tribromophenol	9.863	330	202208	68.49	ppm	-0.07
Spiked Amount 100.000	Range 18 - 129		Recovery = 68.49%			
121) Terphenyl-d14	14.608	244	1351677	45.69	ppm	-0.06
Spiked Amount 50.000	Range 24 - 149		Recovery = 91.38%			

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

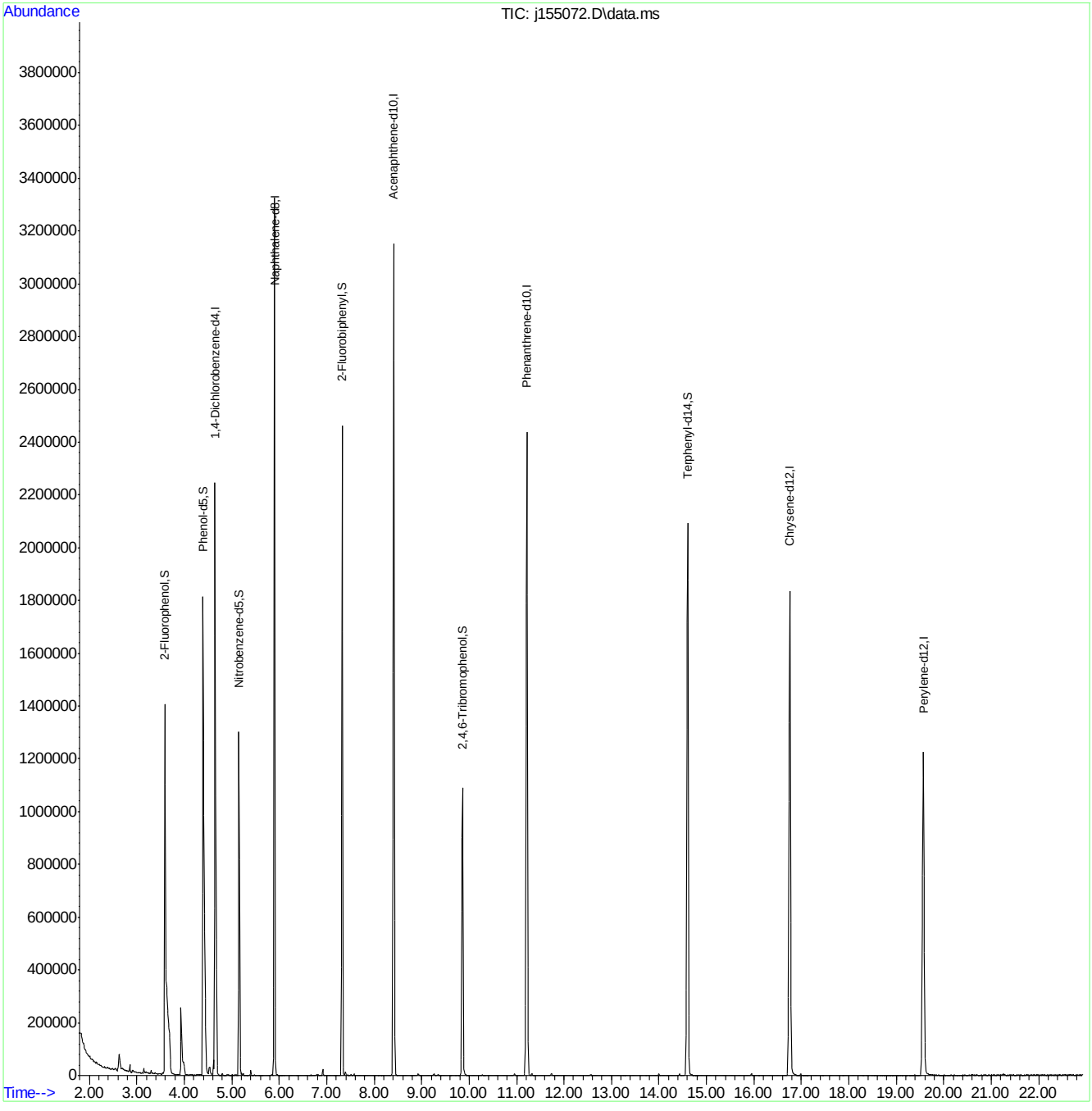
8.2.2

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On : 7 Sep 2010 12:04 pm
Operator : sheilac
Sample : op15932-mb
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 12:29:41 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration



LSC Area Percent Report

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On : 7 Sep 2010 12:04 pm
Operator : sheilac
Sample : op15932-mb
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 30000 Area counts
Start Thrs: 0.2 Max Peaks: 180
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : C:\msdchem\1\METHODS\ej921ap9.m
Title : SW846 8270C Appendix 9

Signal : TIC: j155072.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.621	153	156	165	rBV	61334	122353	2.32%	0.277%
2	2.851	195	199	204	rVB	29996	30203	0.57%	0.068%
3	2.916	204	211	216	rBV5	8137	16379	0.31%	0.037%
4	3.114	245	248	251	rVB3	2493	3466	0.07%	0.008%
5	3.146	251	254	259	rVV	18630	16238	0.31%	0.037%
6	3.188	259	262	274	rVB5	6083	13498	0.26%	0.031%
7	3.301	280	283	287	rBV	13743	14519	0.28%	0.033%
8	3.456	309	312	315	rBV5	2381	3121	0.06%	0.007%
9	3.493	315	319	324	rVV3	3301	4081	0.08%	0.009%
10	3.541	324	328	332	rVV2	6238	9606	0.18%	0.022%
11	3.590	332	337	369	rVV	1401267	3075210	58.39%	6.952%
12	3.771	369	371	379	rVB4	4374	4651	0.09%	0.011%
13	3.932	397	401	420	rBV	256654	463370	8.80%	1.047%
14	4.114	433	435	439	rBV2	2912	2573	0.05%	0.006%
15	4.146	439	441	445	rVB	2654	2203	0.04%	0.005%
16	4.344	473	478	482	rVB3	2441	2991	0.06%	0.007%
17	4.397	482	488	507	rBV	1814025	3495390	66.36%	7.902%
18	4.536	507	514	524	rVB3	30985	73059	1.39%	0.165%
19	4.611	524	528	531	rBV	56483	62381	1.18%	0.141%
20	4.649	531	535	548	rVB	2244451	3271130	62.11%	7.395%
21	4.798	555	563	570	rVB2	5826	8182	0.16%	0.018%
22	4.905	575	583	591	rBB2	4002	8750	0.17%	0.020%
23	5.012	599	603	609	rBB2	2521	3464	0.07%	0.008%
24	5.060	610	612	617	rBB	2052	2228	0.04%	0.005%
25	5.103	618	620	623	rBB	2372	1829	0.03%	0.004%
26	5.151	624	629	637	rBV	1303454	1711670	32.50%	3.869%
27	5.237	643	645	649	rVB	5922	4687	0.09%	0.011%
28	5.397	671	675	681	rBB2	20563	20379	0.39%	0.046%
29	5.472	686	689	694	rBB2	3472	2460	0.05%	0.006%
30	5.836	753	757	760	rBV	3339	3517	0.07%	0.008%
31	5.900	760	769	777	rVV	3326052	4382619	83.21%	9.907%
32	5.954	777	779	794	rVB2	4605	7717	0.15%	0.017%
33	6.670	910	913	916	rBB	2158	1848	0.04%	0.004%
34	6.783	931	934	938	rBV	3516	4123	0.08%	0.009%

LSC Area Percent Report

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On : 7 Sep 2010 12:04 pm
Operator : sheilac
Sample : op15932-mb
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 30000 Area counts
Start Thrs: 0.2 Max Peaks: 180
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : C:\msdchem\1\METHODS\ej921ap9.m
Title : SW846 8270C Appendix 9

35	6.820	938	941	945	rVB	5091	5230	0.10%	0.012%
36	6.916	954	959	964	rBB	23640	28584	0.54%	0.065%
37	7.328	1027	1036	1044	rBV	2461080	3457895	65.65%	7.817%
38	7.398	1044	1049	1053	rVV	13191	17669	0.34%	0.040%
39	7.441	1053	1057	1059	rVB2	2103	2399	0.05%	0.005%
40	7.515	1065	1071	1074	rVB2	3982	4636	0.09%	0.010%
41	7.574	1077	1082	1086	rBB	5696	6823	0.13%	0.015%
42	8.152	1184	1190	1195	rBB	1632	2277	0.04%	0.005%
43	8.414	1229	1239	1252	rBB	3150645	5267010	100.00%	11.907%
44	8.927	1330	1335	1342	rBB	7317	10836	0.21%	0.024%
45	9.259	1391	1397	1402	rBB2	6412	10042	0.19%	0.023%
46	9.339	1408	1412	1417	rBB2	4612	5057	0.10%	0.011%
47	9.387	1418	1421	1425	rBB	1489	1565	0.03%	0.004%
48	9.858	1501	1509	1526	rBV	1090828	1907428	36.21%	4.312%
49	10.275	1584	1587	1591	rBB2	2283	2612	0.05%	0.006%
50	10.960	1708	1715	1721	rBB2	7303	9894	0.19%	0.022%
51	11.217	1751	1763	1777	rBV2	2437412	4928076	93.56%	11.140%
52	11.318	1777	1782	1791	rVB	7180	11445	0.22%	0.026%
53	11.736	1854	1860	1866	rBB	8535	11584	0.22%	0.026%
54	12.570	2010	2016	2020	rBB	2480	3693	0.07%	0.008%
55	13.998	2278	2283	2288	rBB	7325	10024	0.19%	0.023%
56	14.437	2360	2365	2369	rBB	5790	6447	0.12%	0.015%
57	14.608	2385	2397	2421	rBV2	2092760	4316464	81.95%	9.758%
58	15.945	2642	2647	2653	rBB	7723	10475	0.20%	0.024%
59	16.758	2786	2799	2835	rBV	1837121	4236863	80.44%	9.578%
60	16.988	2838	2842	2851	rVB	6367	9256	0.18%	0.021%
61	17.437	2922	2926	2931	rBB	967	1539	0.03%	0.003%
62	18.876	3191	3195	3201	rBB	1238	2164	0.04%	0.005%
63	18.924	3201	3204	3207	rBB2	1216	1669	0.03%	0.004%
64	19.395	3286	3292	3296	rBV	1530	2905	0.06%	0.007%
65	19.571	3312	3325	3356	rBV	1226945	3075628	58.39%	6.953%
66	20.620	3513	3521	3525	rBV2	1958	3129	0.06%	0.007%
67	21.261	3632	3641	3643	rBV2	4849	8369	0.16%	0.019%
68	21.459	3675	3678	3684	rBV	1135	1513	0.03%	0.003%
69	21.946	3766	3769	3772	rBV2	1276	1697	0.03%	0.004%
70	22.197	3810	3816	3819	rBV2	945	1632	0.03%	0.004%
71	22.337	3838	3842	3846	rBV	1418	1746	0.03%	0.004%

LSC Area Percent Report

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On    :  7 Sep 2010  12:04 pm
Operator  : sheilac
Sample    : op15932-mb
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 4   Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON                            Filtering: 5
Sampling  : 1                              Min Area: 30000 Area counts
Start Thrs: 0.2                           Max Peaks: 180
Stop Thrs : 0                         Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method    : C:\msdchem\1\METHODS\ej921ap9.m
Title     : SW846 8270C Appendix 9


                      Sum of corrected areas:    44236170
```

8.2.3

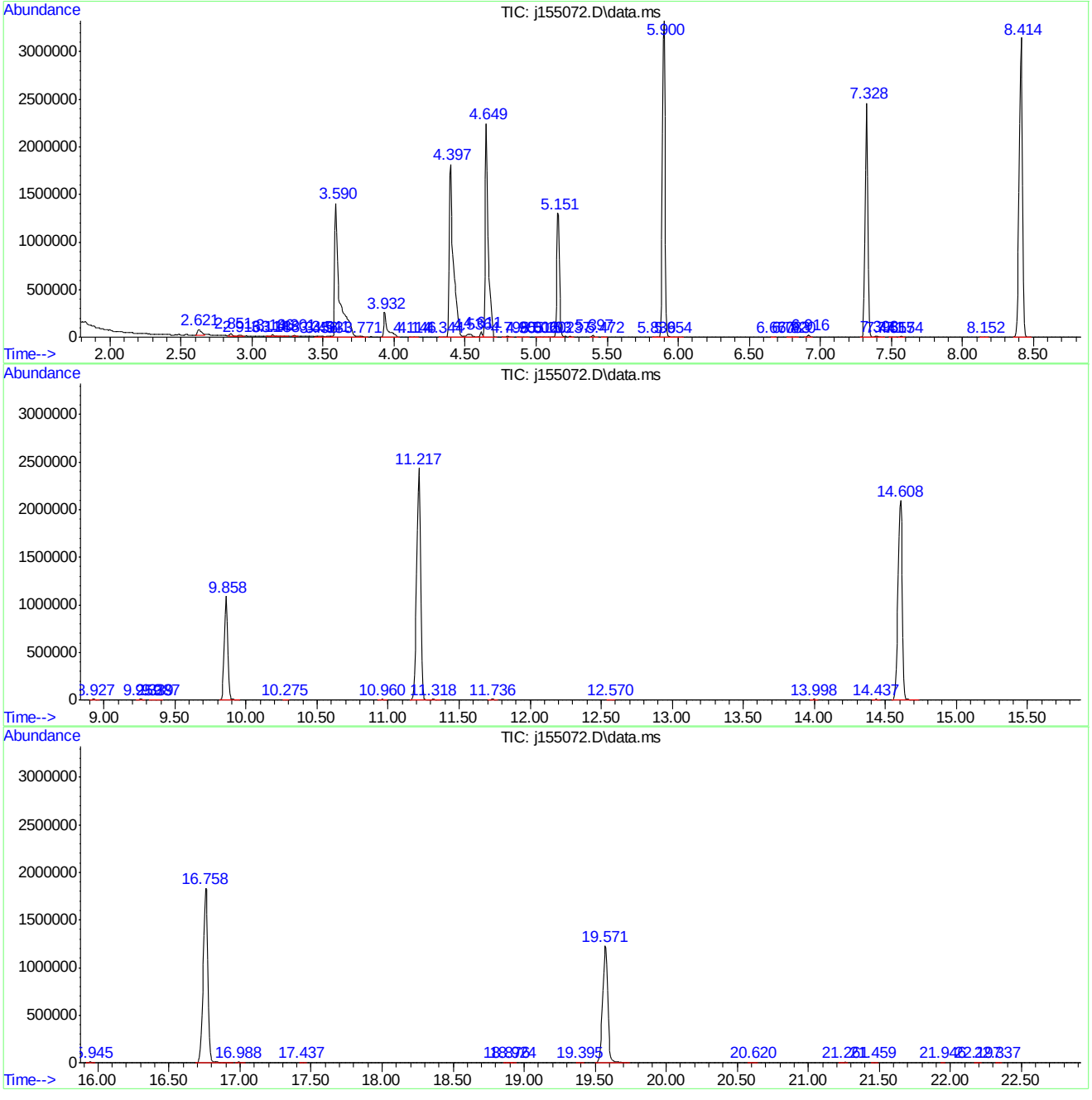
8

LSC Report - Integrated Chromatogram

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On    :  7 Sep 2010  12:04 pm
Operator  : sheilac
Sample    : op15932-mb
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 4   Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9

TIC Library    : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P
```



Library Search Compound Report

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155072.D
Acq On : 7 Sep 2010 12:04 pm
Operator : sheilac
Sample : op15932-mb
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 4 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.932	5.67 ppm	463370	1,4-Dichlorobenzene-d4	4.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	95
2	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	93
3	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	93
4	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	87
5	Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	70

Tentatively Identified Compound (LSC) summary

```
  Data Path : C:\msdchem\1\DATA\ej923\
  Data File : j155072.D
  Acq On    :  7 Sep 2010  12:04 pm
  Operator  : sheilac
  Sample    : op15932-mb
  Misc      : op15932,Ej923,30.00,,,1,1,soil
  ALS Vial  : 4   Sample Multiplier: 1

  Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
  Quant Title  : SW846 8270C Appendix 9

  TIC Library   : C:\DATABASE\NIST98.L
  TIC Integration Parameters: LSCINT.P
```

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
Ethane, 1,1,2,2...	3.932	5.7	ppm	463370	1	4.649	3271130	40.0

8.2.3

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1384.D
Acq On : 7 Sep 2010 1:30 pm
Operator : murtuzak
Sample : op15936-mb
Misc : op15936,ev81,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 15:06:45 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	228821	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	161049	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	317954	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	147175	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	61200	4.00	ug/ml	# 0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1488241	38.24	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 76.48%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1966921	42.10	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 84.20%			
17) Terphenyl-d14	13.019	244	2416610	58.18	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 160		Recovery = 116.36%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

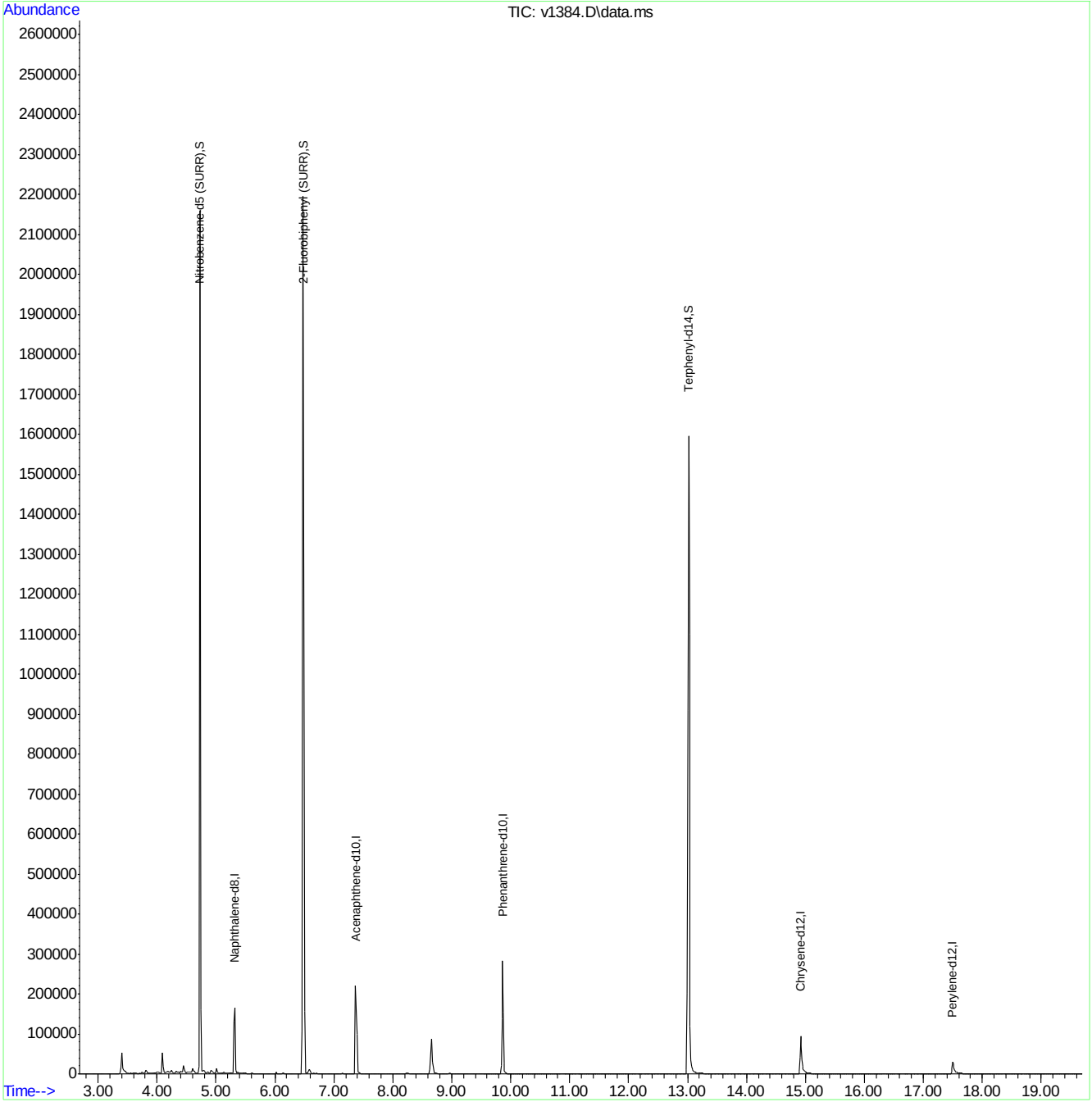
8.2.4

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1384.D
Acq On : 7 Sep 2010 1:30 pm
Operator : murtuzak
Sample : op15936-mb
Misc : op15936,ev81,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 07 15:06:45 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\ev81\Snapshot\
Data File : v1386.D
Acq On : 7 Sep 2010 2:21 pm
Operator : murtuzak
Sample : op15933-mb
Misc : op15933,ev81,30.00,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 14:37:07 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	270133	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	185673	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.863	188	380191	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	183498	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	78490	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1518290	33.05	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 127		Recovery = 66.10%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1851012	29.55	ug/ml	0.00
Spiked Amount 50.000	Range 11 - 133		Recovery = 59.10%			
17) Terphenyl-d14	13.018	244	2228946	43.04	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 187		Recovery = 86.08%			

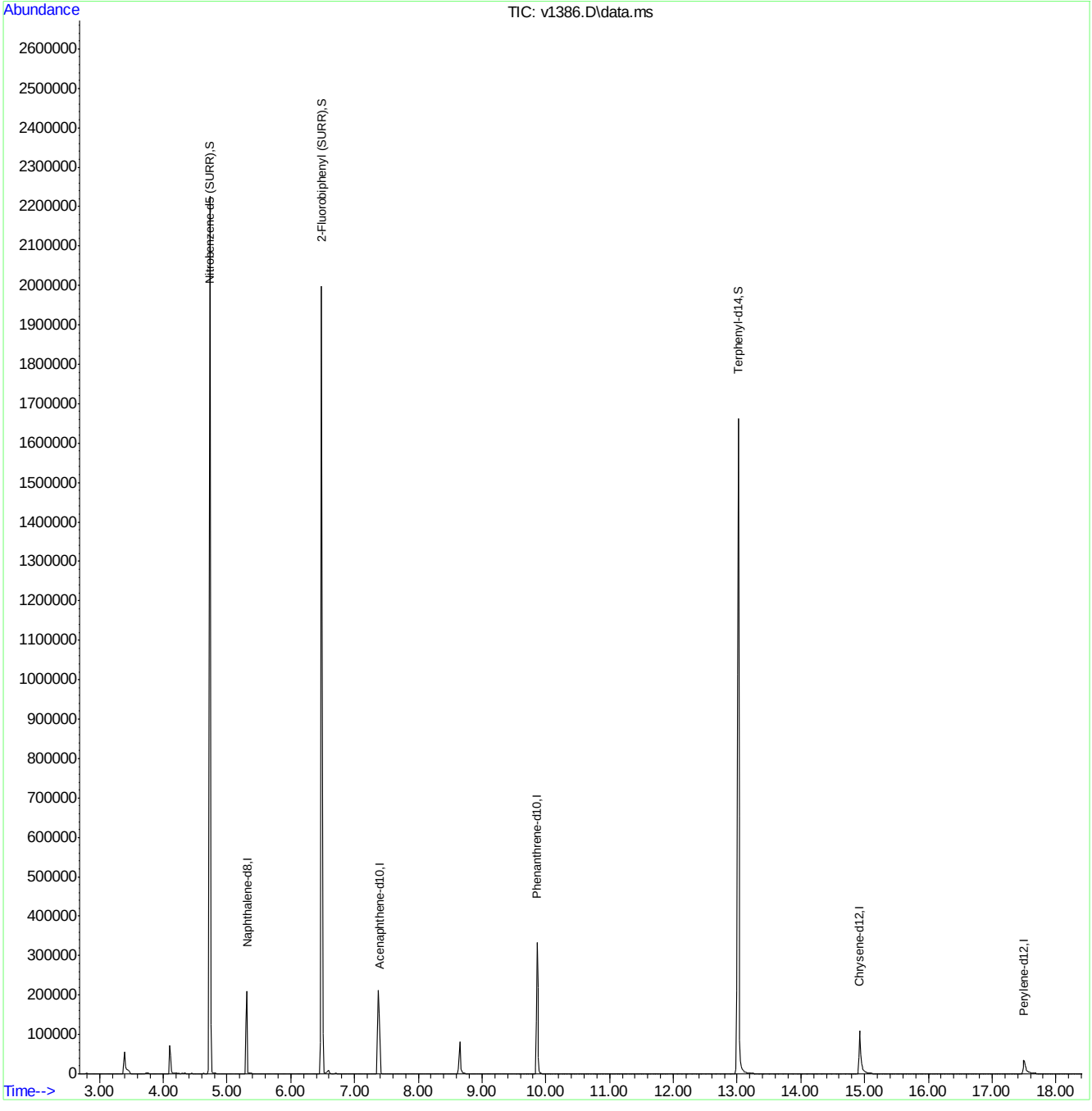
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\ev81\Snapshot\
Data File : v1386.D
Acq On : 7 Sep 2010 2:21 pm
Operator : murtuzak
Sample : op15933-mb
Misc : op15933,ev81,30.00,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 14:37:07 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 12:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On : 7 Sep 2010 10:03 am
Operator : garyj
Sample : op15935-bs
Misc : op15935,Ep624,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 10:37:43 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.795	152	548605	40.00	ppm	0.00
31) Naphthalene-d8	4.790	136	1911914	40.00	ppm	0.00
57) Acenaphthene-d10	6.742	164	1253639	40.00	ppm	0.00
88) Phenanthrene-d10	9.213	188	2229009	40.00	ppm	-0.02
118) Chrysene-d12	14.503	240	2299170	40.00	ppm	-0.01
134) Perylene-d12	17.199	264	1559494	40.00	ppm	0.00
System Monitoring Compounds						
13) 2-Fluorophenol	2.784	112	581462	38.29	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 38.29%			
15) Phenol-d5	3.624	99	528546	27.26	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 27.26%			
32) Nitrobenzene-d5	4.244	82	666744	32.49	ppm	-0.01
Spiked Amount 50.000	Range 29 - 115		Recovery = 64.98%			
61) 2-Fluorobiphenyl	5.892	172	1241325	32.18	ppm	0.00
Spiked Amount 50.000	Range 34 - 113		Recovery = 64.36%			
93) 2,4,6-Tribromophenol	8.015	330	406341	76.14	ppm	-0.03
Spiked Amount 100.000	Range 32 - 128		Recovery = 76.14%			
121) Terphenyl-d14	12.481	244	1495836	35.22	ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 70.44%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	1.372	42	170171m	20.49	ppm	
5) Pyridine	1.324	79	249198m	15.08	ppm	
12) Aniline	3.554	93	671097	25.41	ppm	98
14) bis(2-Chloroethyl)ether	3.629	93	577431	29.89	ppm	82
16) Phenol	3.634	94	298096	14.03	ppm	77
17) 2-Chlorophenol	3.661	128	493592	29.49	ppm	96
18) 1,3-Dichlorobenzene	3.747	146	503954	24.95	ppm	99
19) 1,4-Dichlorobenzene	3.811	146	503017	24.13	ppm	100
20) 1,2-Dichlorobenzene	3.923	146	511338	25.86	ppm	100
21) Benzyl alcohol	3.955	108	326619	26.24	ppm	100
22) bis(2-chloroisopropyl)...	4.057	45	936058	26.22	ppm	96
23) 2-Methylphenol	4.084	108	447614	25.40	ppm #	18
28) Hexachloroethane	4.180	117	207016	24.85	ppm	98
29) N-Nitroso-di-n-propyla...	4.175	70	464238	32.86	ppm	97
30) 3&4-Methylphenol	4.217	108	787013	44.66	ppm	97
33) Nitrobenzene	4.260	77	645365	32.16	ppm	99
36) Isophorone	4.463	82	1302950	32.81	ppm	100
37) 2-Nitrophenol	4.506	139	274596	33.70	ppm	99
38) 2,4-Dimethylphenol	4.603	107	555412	30.27	ppm	100
39) bis(2-Chloroethoxy)met...	4.645	93	727915	29.73	ppm	93
41) Benzoic Acid	4.747	105	90962	28.77	ppm	84
42) 2,4-Dichlorophenol	4.726	162	460916	33.35	ppm	99
43) 1,2,4-Trichlorobenzene	4.752	180	469938	27.53	ppm	100
44) Naphthalene	4.811	128	1385847	27.54	ppm	100
45) 4-Chloroaniline	4.875	127	533058	26.46	ppm	95
48) Hexachlorobutadiene	4.934	225	302264	28.33	ppm	99
52) 4-Chloro-3-methylphenol	5.389	107	519092	32.19	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On : 7 Sep 2010 10:03 am
Operator : garyj
Sample : op15935-bs
Misc : op15935,Ep624,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 10:37:43 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

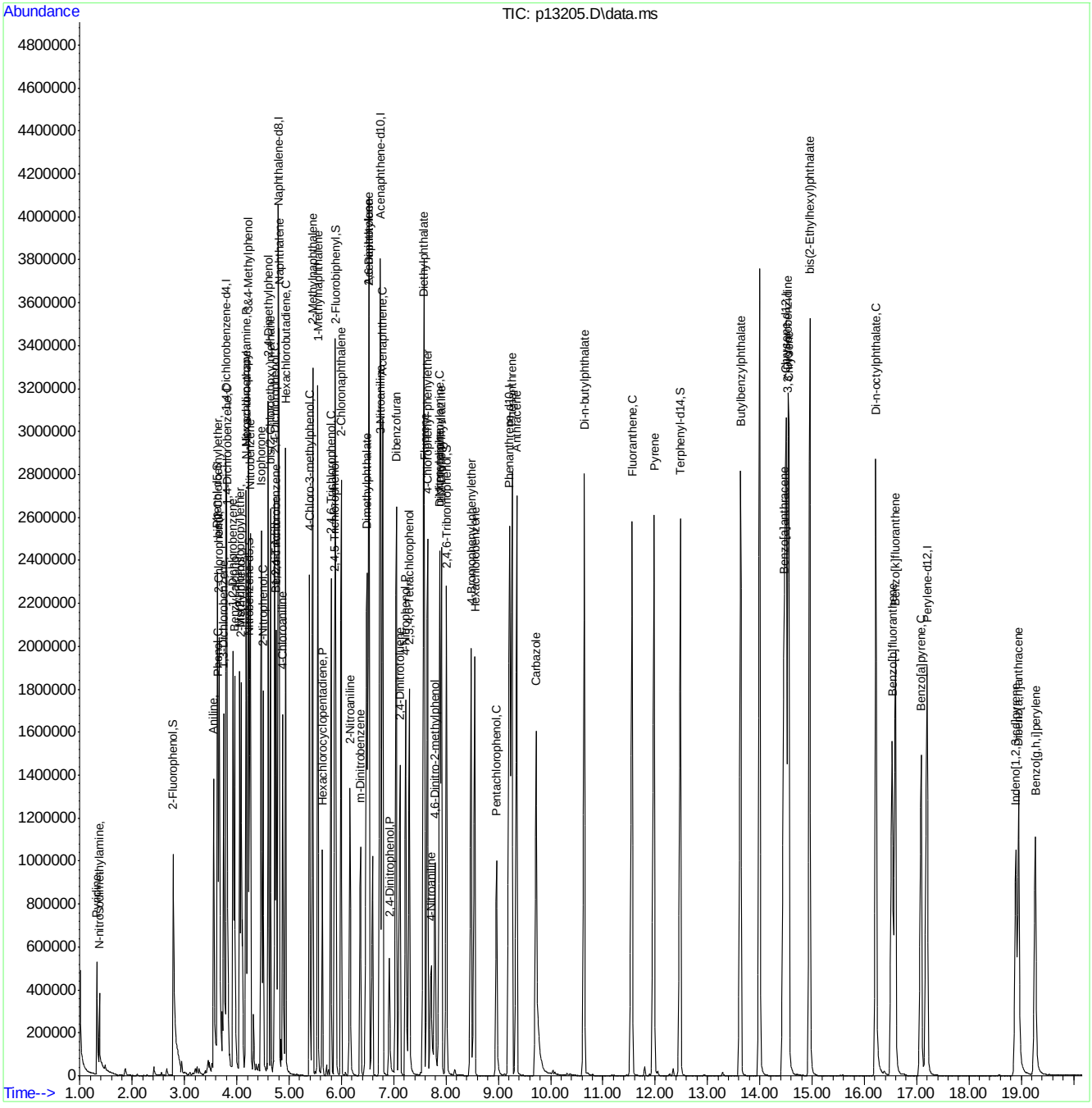
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54)	2-Methylnaphthalene	5.453	142	1006462	27.88	ppm		99
55)	1-Methylnaphthalene	5.549	142	1007971	29.32	ppm		100
58)	Hexachlorocyclopentadiene	5.635	237	157489	49.52	ppm	#	100
59)	2,4,6-Trichlorophenol	5.801	196	353885	36.77	ppm		100
60)	2,4,5-Trichlorophenol	5.870	196	353594	39.39	ppm		99
64)	2-Chloronaphthalene	5.993	162	1012394	33.38	ppm	#	100
66)	2-Nitroaniline	6.164	65	425942	34.96	ppm		99
68)	Acenaphthylene	6.528	152	1722418	32.97	ppm		100
69)	Dimethylphthalate	6.485	163	1398889	35.07	ppm		100
70)	m-Dinitrobenzene	6.362	168	210687	35.37	ppm		99
71)	2,6-Dinitrotoluene	6.528	165	308443	34.97	ppm		95
72)	Acenaphthene	6.790	153	1085639	31.67	ppm		100
73)	3-Nitroaniline	6.753	138	254283	29.83	ppm		98
74)	2,4-Dinitrophenol	6.919	184	127157	33.34	ppm		99
75)	Dibenzofuran	7.047	168	1562951	33.37	ppm		100
77)	2,4-Dinitrotoluene	7.122	165	437201	35.69	ppm		99
78)	4-Nitrophenol	7.229	109	72308	15.12	ppm	#	84
81)	2,3,4,6-Tetrachlorophenol	7.298	232	311979	38.64	ppm		98
82)	Fluorene	7.587	166	1277457	31.61	ppm		99
83)	4-Chlorophenyl-phenyle...	7.646	204	682515	34.42	ppm		99
84)	Diethylphthalate	7.571	149	1448094	31.25	ppm		100
87)	4-Nitroaniline	7.715	138	296538m	40.00	ppm		
89)	4,6-Dinitro-2-methylph...	7.790	198	207375	38.24	ppm		98
90)	n-Nitrosodiphenylamine	7.881	169	946660	33.63	ppm		100
91)	1,2-Diphenylhydrazine	7.913	77	1726296	36.51	ppm		99
92)	Diphenylamine	7.881	169	946660	33.63	ppm		100
98)	4-Bromophenyl-phenylether	8.480	248	399292	34.59	ppm		97
100)	Hexachlorobenzene	8.550	284	441310	35.64	ppm		98
104)	Pentachlorophenol	8.967	266	196228	38.88	ppm		100
107)	Phenanthrene	9.261	178	1904491	33.77	ppm		97
108)	Anthracene	9.352	178	1956183	34.13	ppm		100
110)	Carbazole	9.727	167	1798617	33.39	ppm		99
112)	Di-n-butylphthalate	10.647	149	2775718	33.19	ppm		100
117)	Fluoranthene	11.561	202	2332333	34.54	ppm		99
120)	Pyrene	11.984	202	2393869	33.40	ppm		99
128)	Butylbenzylphthalate	13.636	149	1299746	35.81	ppm		99
130)	3,3'-Dichlorobenzidine	14.540	252	391898	25.71	ppm		99
131)	Benzo[a]anthracene	14.465	228	2099250	35.55	ppm		100
132)	Chrysene	14.556	228	1894051	35.15	ppm		99
133)	bis(2-Ethylhexyl)phtha...	14.958	149	1811761	36.37	ppm		100
135)	Di-n-octylphthalate	16.220	149	2713233	28.23	ppm		99
136)	Benzo[b]fluoranthene	16.530	252	1594777m	31.72	ppm		
137)	Benzo[k]fluoranthene	16.594	252	1649580	33.61	ppm		100
140)	Benzo[a]pyrene	17.086	252	1289015	31.10	ppm		100
142)	Indeno[1,2,3-cd]pyrene	18.899	276	956370	32.38	ppm		99
143)	Dibenz[a,h]anthracene	18.953	278	1052394	37.98	ppm		97
144)	Benzo[g,h,i]perylene	19.274	276	1025055	37.68	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On : 7 Sep 2010 10:03 am
Operator : garyj
Sample : op15935-bs
Misc : op15935,Ep624,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

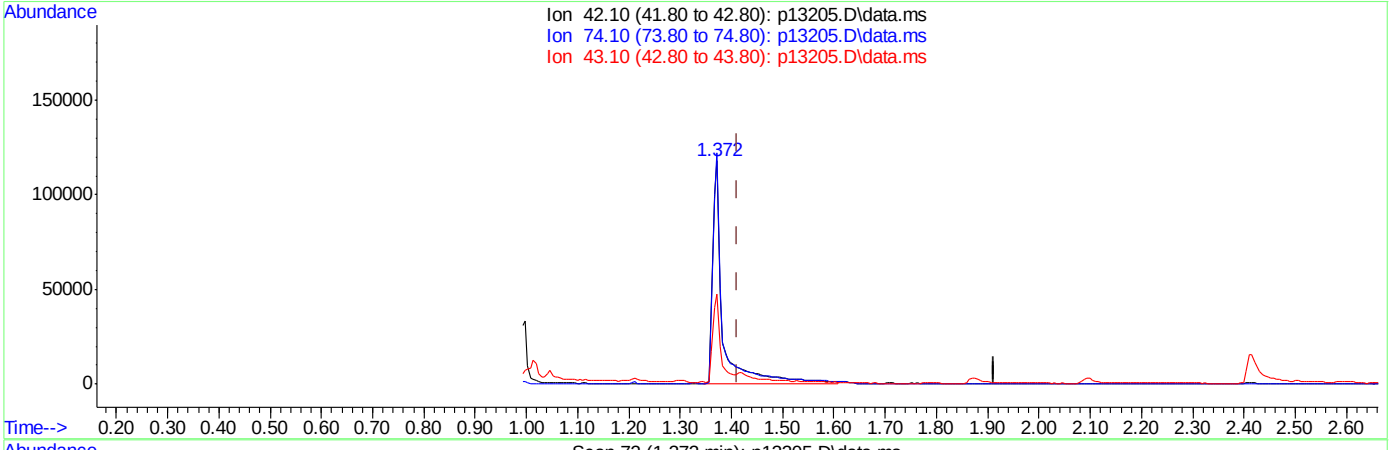
Quant Time: Sep 07 10:37:43 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

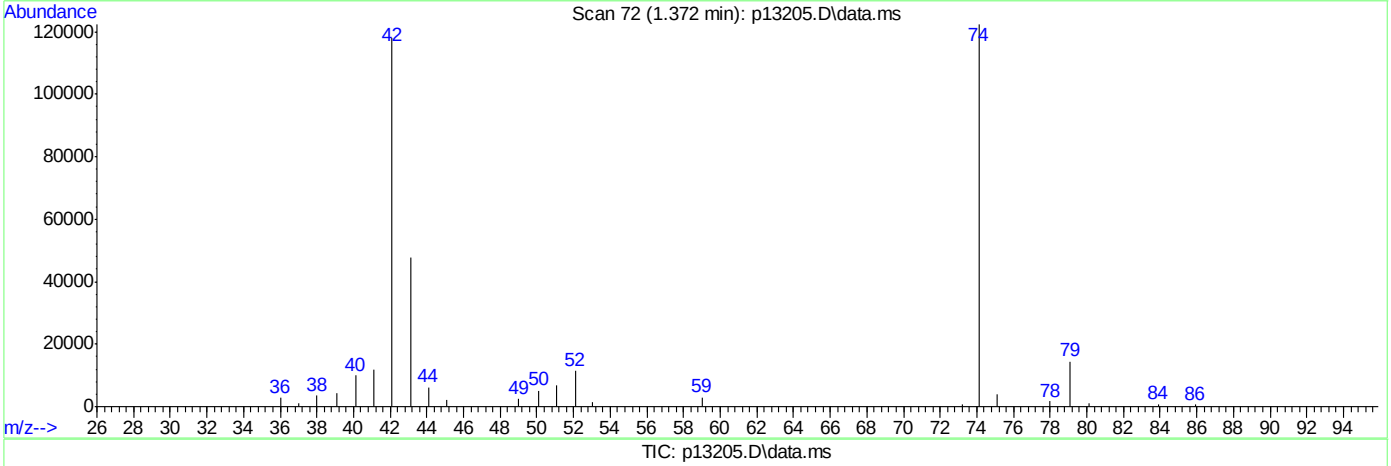


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(4) N-nitrosodimethylamine ( )

1.372min (-0.040) 20.15ppm

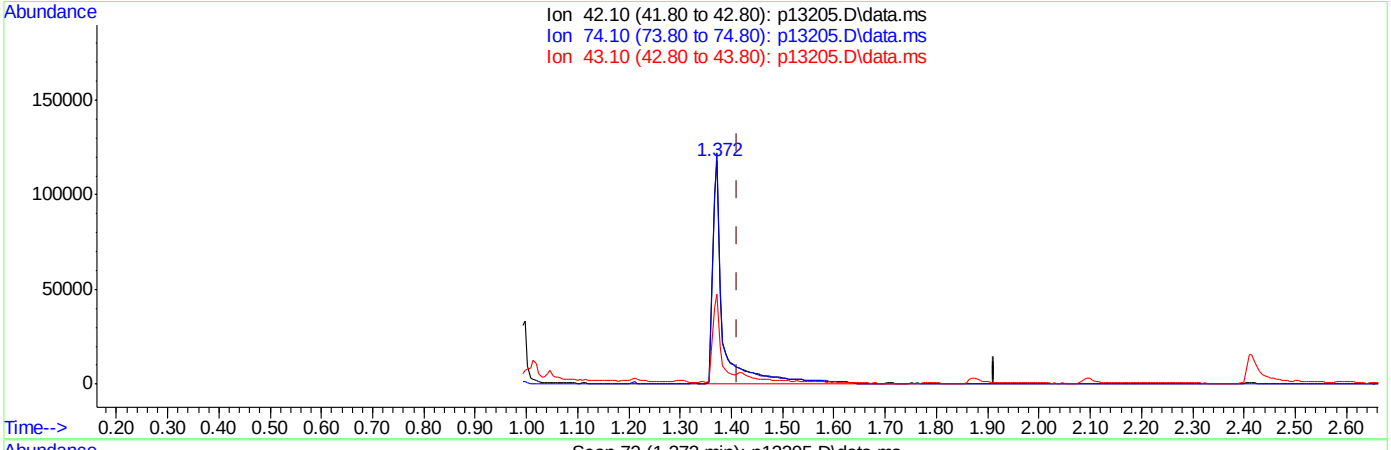
response 167307

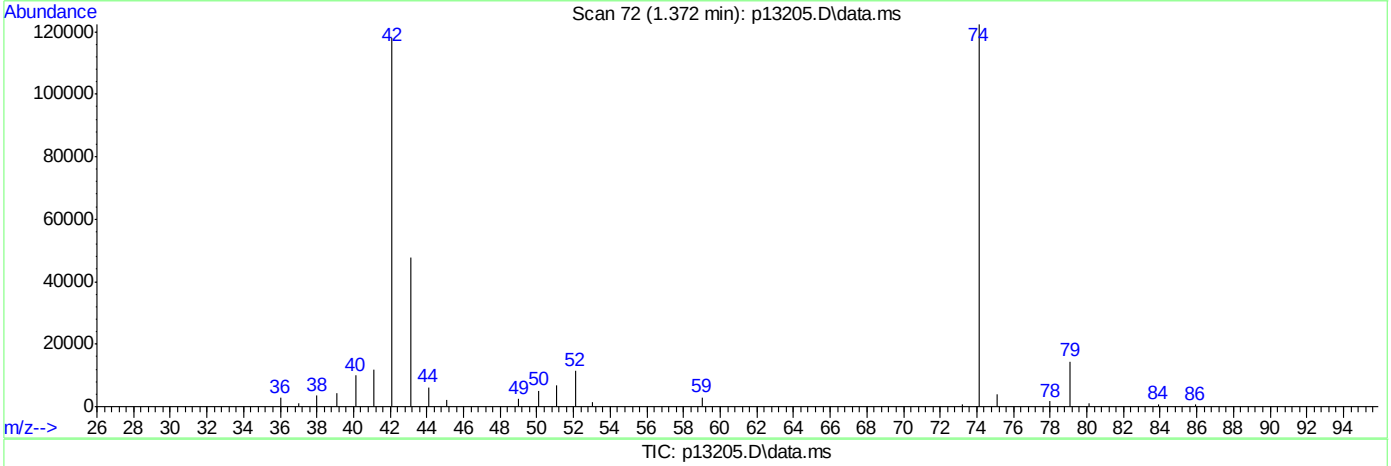
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	99.48
43.10	31.90	28.97
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(4) N-nitrosodimethylamine ( )

1.372min (-0.040) 20.49ppm m

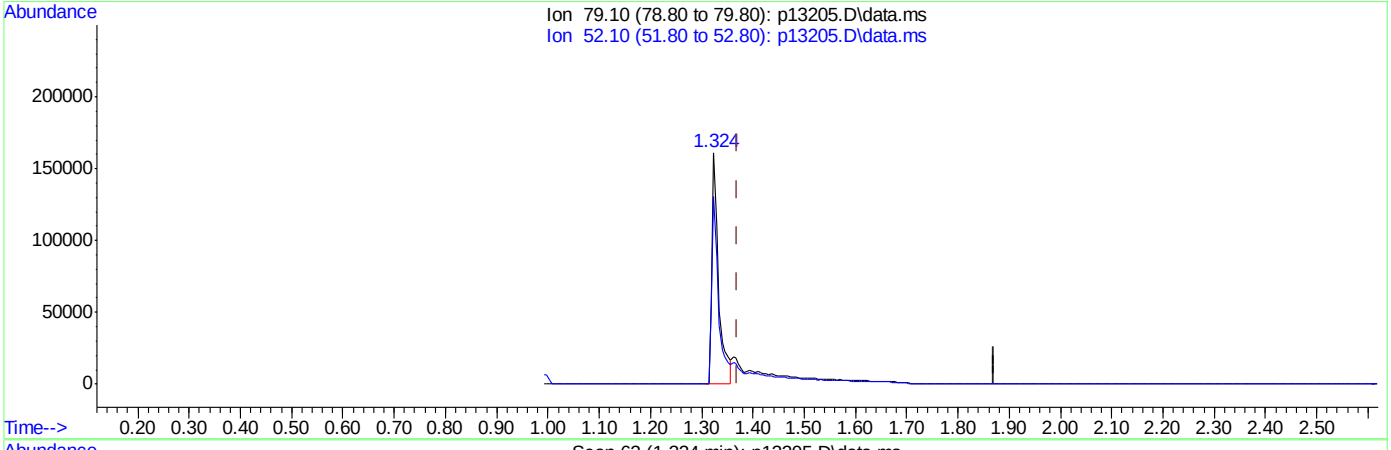
response 170171

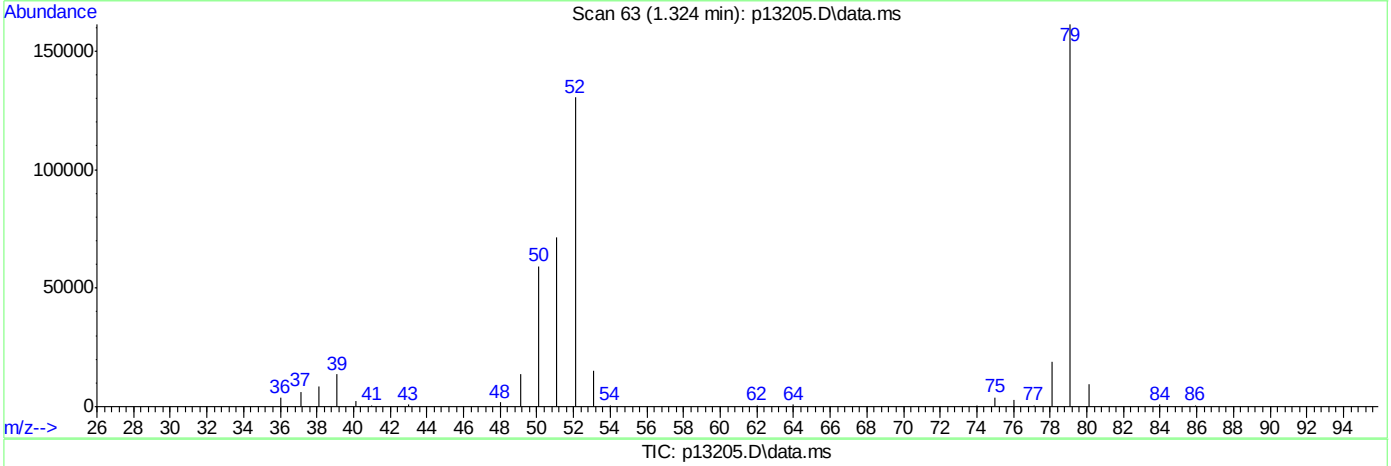
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	97.81
43.10	31.90	28.48
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(5) Pyridine ( )

1.324min (-0.046) 9.03ppm

response 149224

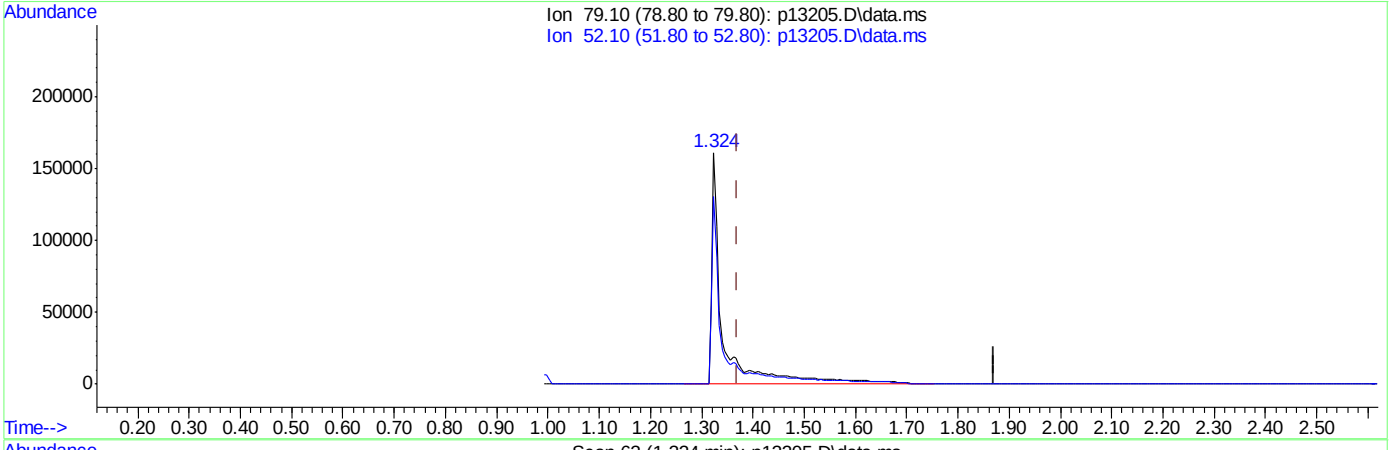
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	96.80#
0.00	0.00	0.00
0.00	0.00	0.00

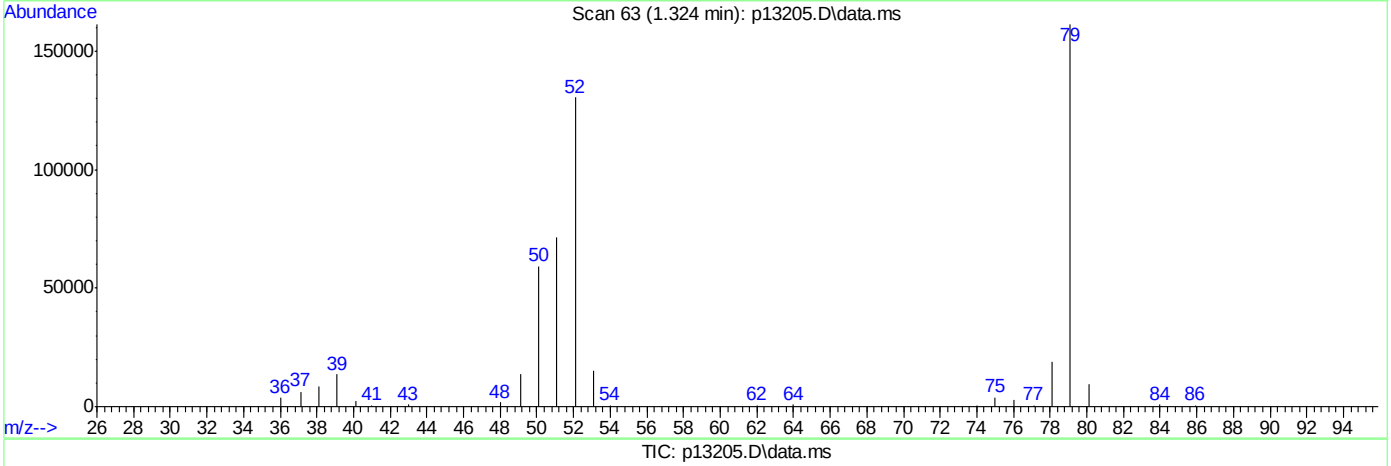
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(5) Pyridine ( )

1.324min (-0.046) 15.08ppm m

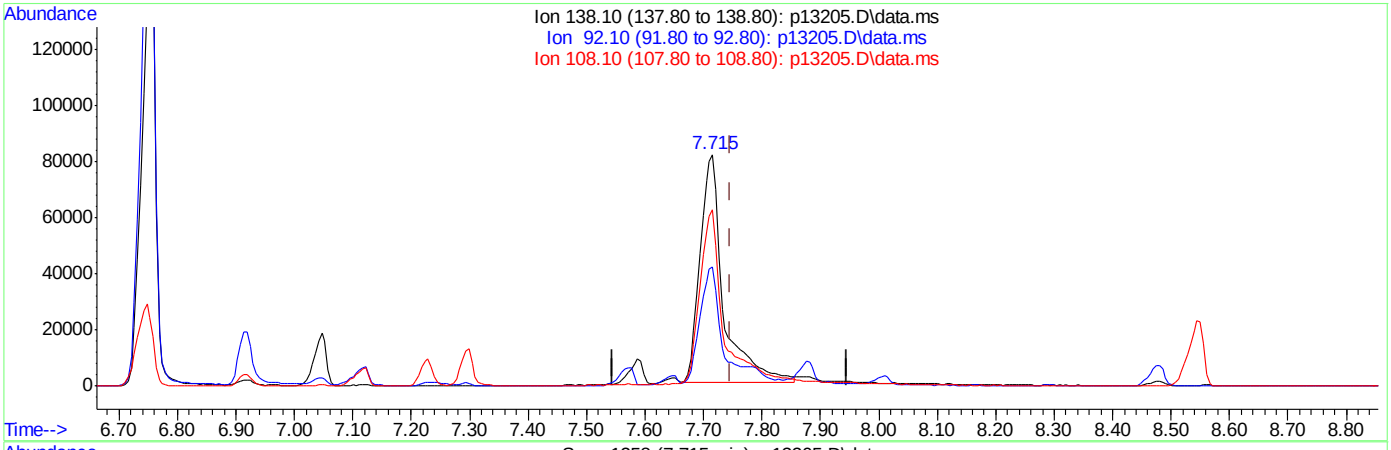
response 249198

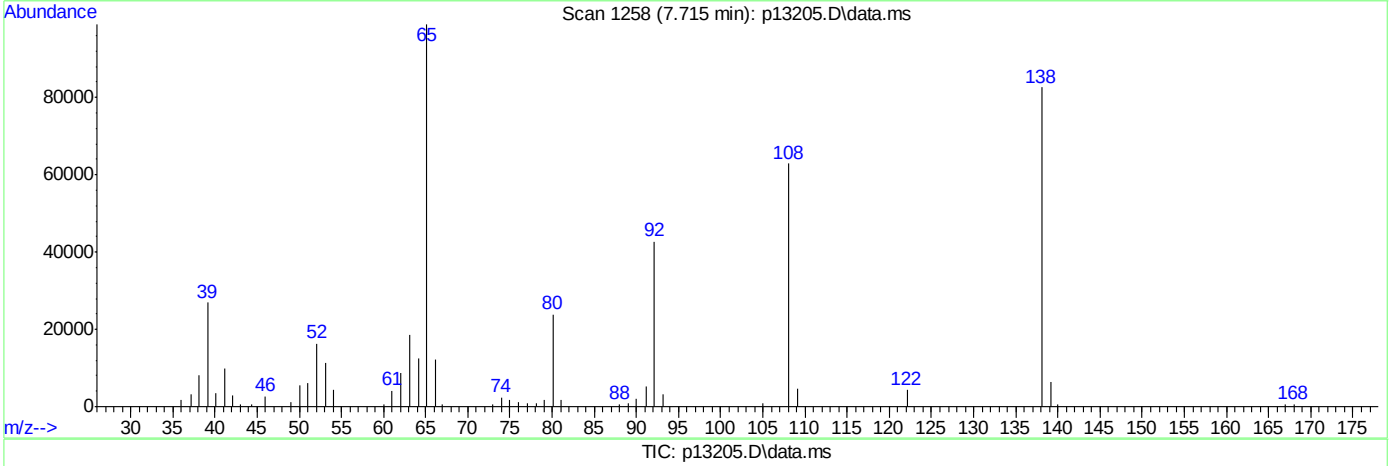
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	57.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(87) 4-Nitroaniline

7.715min (-0.031) 30.28ppm

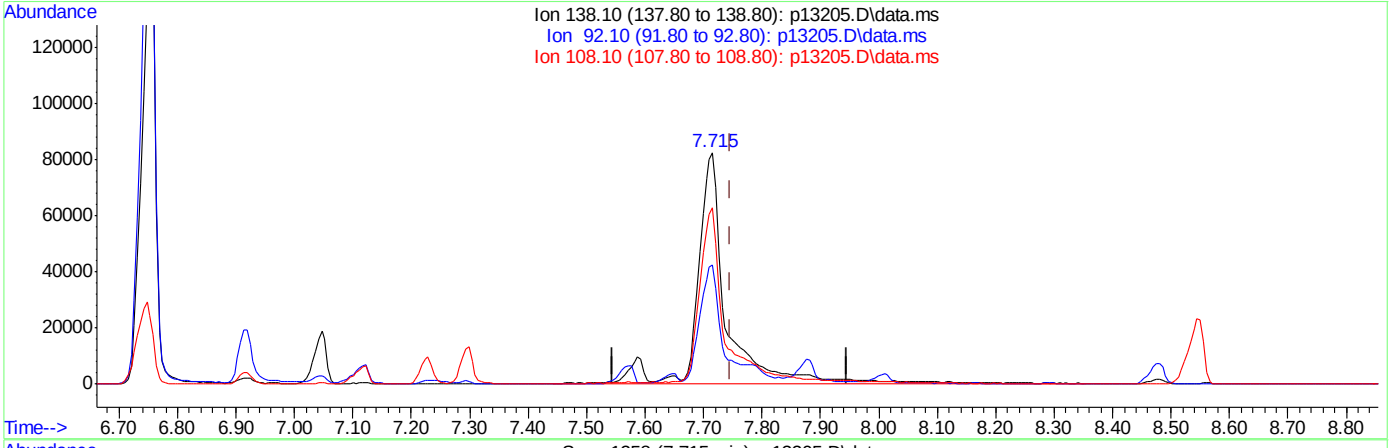
response 224437

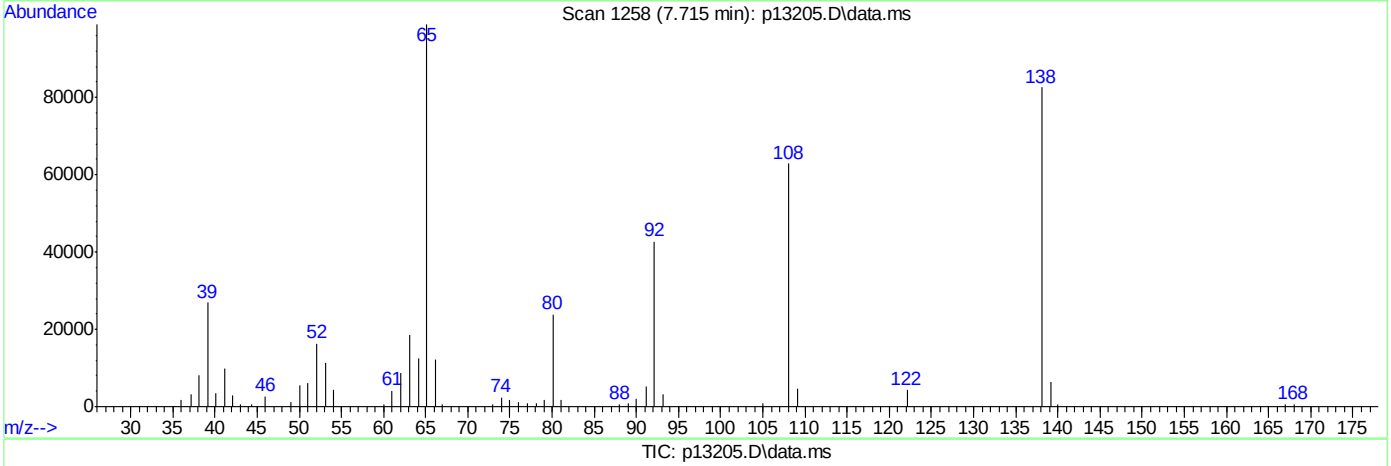
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	45.81
108.10	76.00	80.42
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(87) 4-Nitroaniline

7.715min (-0.031) 40.00ppm m

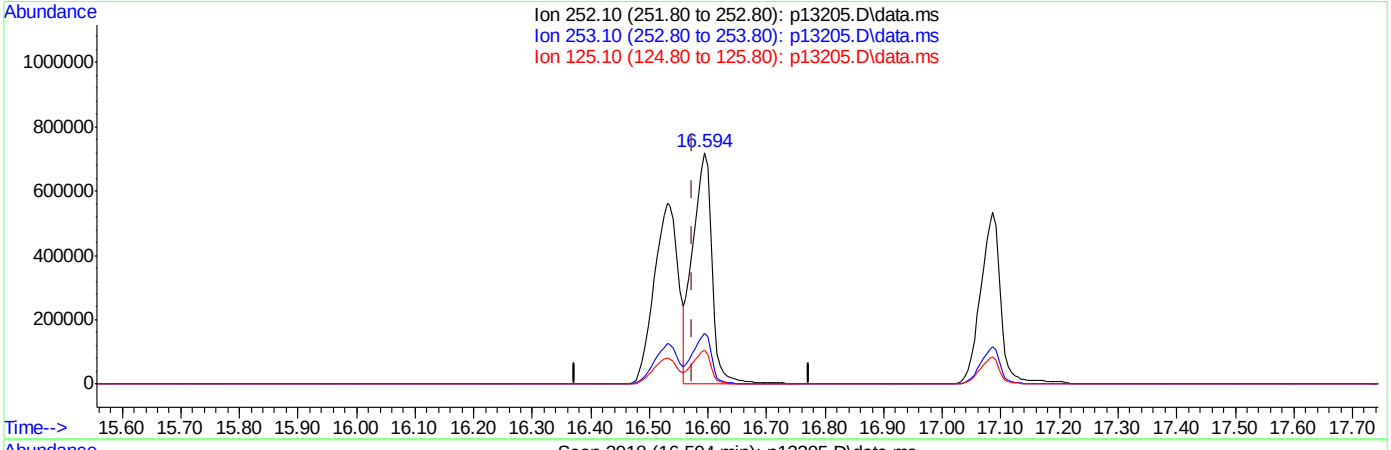
response 296538

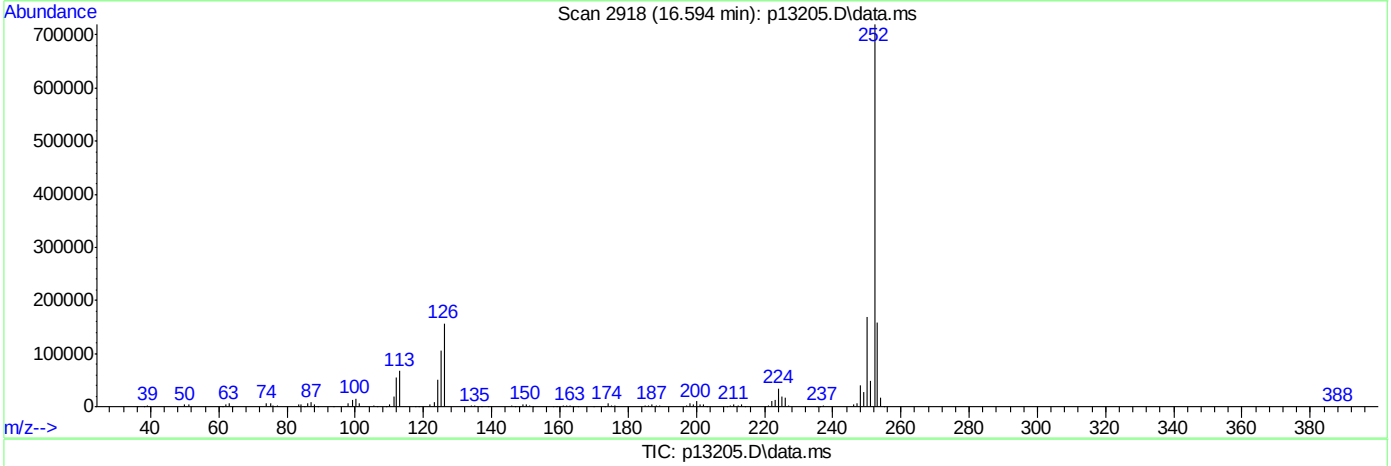
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	34.67
108.10	76.00	60.87
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(136) Benzo[b]fluoranthene

16.594min (+0.021) 32.59ppm

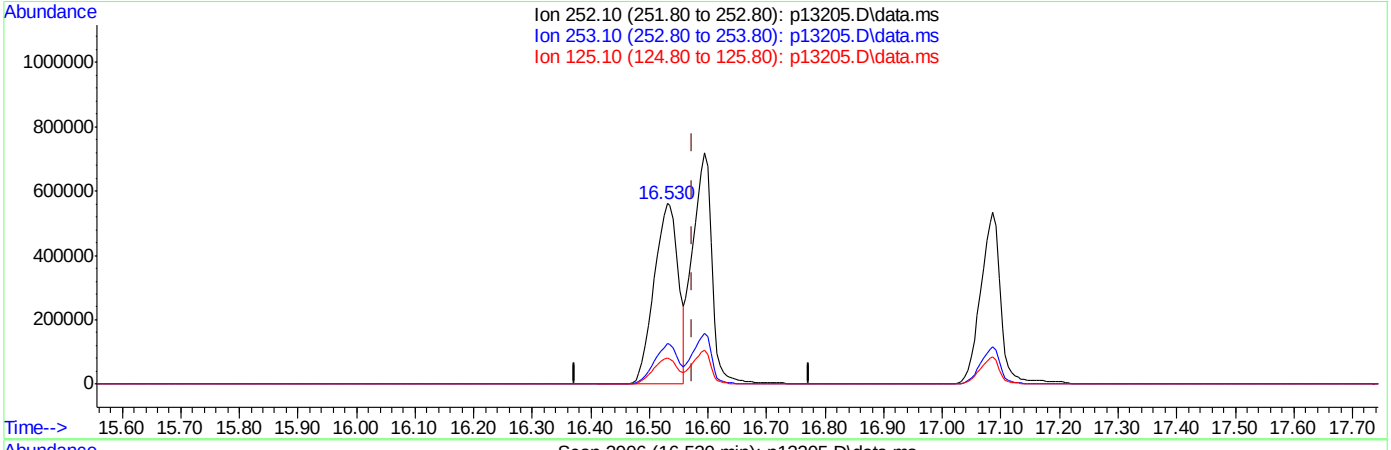
response 1638438

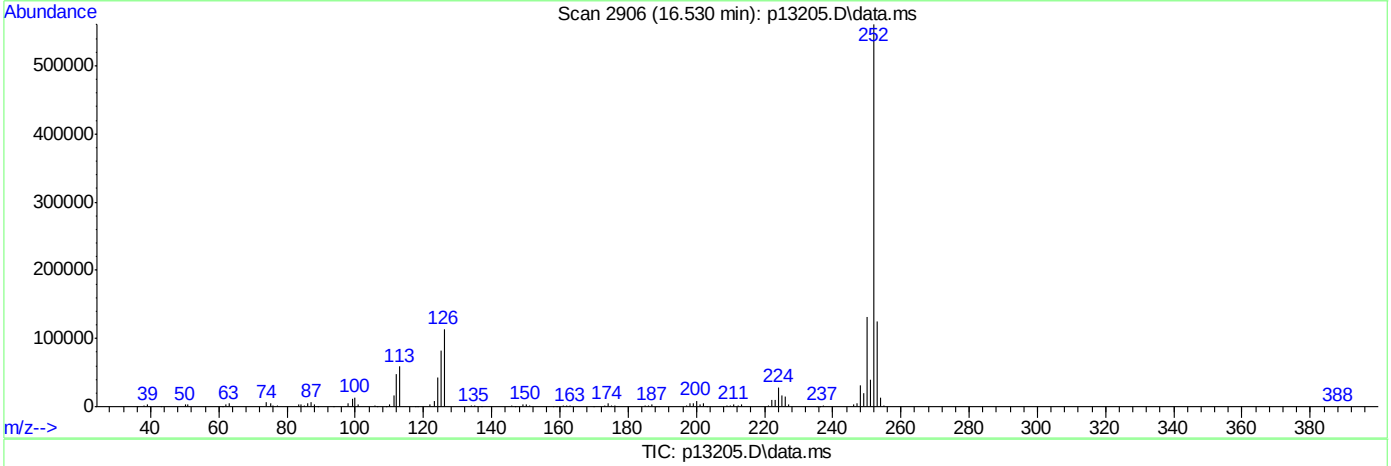
Ion	Exp%	Act%
252.10	100	100
253.10	23.50	22.05
125.10	16.20	14.47
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13205.D
Acq On    :  7 Sep 2010  10:03 am
Operator  : garyj
Sample    : op15935-bs
Misc      : op15935,Ep624,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 10:36:12 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13205.D\data.ms

(136) Benzo[b]fluoranthene

16.530min (-0.043) 31.72ppm m

response 1594777

Ion	Exp%	Act%
252.10	100	100
253.10	23.50	22.65
125.10	16.20	14.86
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 17:38

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On : 7 Sep 2010 12:34 pm
Operator : sheilac
Sample : op15932-bs
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 14:22:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.648	152	425130	40.00	ppm	-0.03
31) Naphthalene-d8	5.905	136	1643194	40.00	ppm	-0.03
57) Acenaphthene-d10	8.425	164	1075850	40.00	ppm	-0.04
88) Phenanthrene-d10	11.222	188	1677030	40.00	ppm	-0.06
118) Chrysene-d12	16.779	240	1267643	40.00	ppm	-0.04
134) Perylene-d12	19.576	264	678583	40.00	ppm	-0.05
System Monitoring Compounds						
13) 2-Fluorophenol	3.600	112	790750	61.97	ppm	0.00
Spiked Amount 100.000	Range 26 - 124		Recovery = 61.97%			
15) Phenol-d5	4.402	99	1042330	67.17	ppm	-0.02
Spiked Amount 100.000	Range 19 - 106		Recovery = 67.17%			
32) Nitrobenzene-d5	5.162	82	492756	34.07	ppm	-0.03
Spiked Amount 50.000	Range 18 - 104		Recovery = 68.14%			
61) 2-Fluorobiphenyl	7.333	172	985758	36.06	ppm	-0.04
Spiked Amount 50.000	Range 21 - 114		Recovery = 72.12%			
93) 2,4,6-Tribromophenol	9.874	330	228055	86.82	ppm	-0.06
Spiked Amount 100.000	Range 18 - 129		Recovery = 86.82%			
121) Terphenyl-d14	14.608	244	1080108	45.24	ppm	-0.06
Spiked Amount 50.000	Range 24 - 149		Recovery = 90.48%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	2.348	42	205324	29.47	ppm	76
5) Pyridine	2.322	79	373699m	23.46	ppm	
12) Aniline	4.386	93	227757	14.50	ppm	92
14) bis(2-Chloroethyl)ether	4.434	93	488816	25.98	ppm	89
16) Phenol	4.413	94	617429	32.55	ppm	87
17) 2-Chlorophenol	4.499	128	461375	32.28	ppm	99
18) 1,3-Dichlorobenzene	4.600	146	486741	30.33	ppm	99
19) 1,4-Dichlorobenzene	4.664	146	477182	28.37	ppm	99
20) 1,2-Dichlorobenzene	4.803	146	460092	30.21	ppm	100
21) Benzyl alcohol	4.798	108	331207	34.53	ppm	98
22) bis(2-chloroisopropyl)...	4.900	45	811300	31.13	ppm	84
23) 2-Methylphenol	4.916	108	450022	32.88	ppm #	45
28) Hexachloroethane	5.108	117	182230	29.85	ppm	99
29) N-Nitroso-di-n-propyla...	5.039	70	397838	36.07	ppm #	57
30) 3&4-Methylphenol	5.066	108	911090	61.70	ppm #	31
33) Nitrobenzene	5.178	77	508897	33.86	ppm	99
36) Isophorone	5.424	82	1057641	35.03	ppm	99
37) 2-Nitrophenol	5.493	139	245354	36.07	ppm	97
38) 2,4-Dimethylphenol	5.563	107	398324	28.40	ppm	98
39) bis(2-Chloroethoxy)met...	5.633	93	577575	28.81	ppm	88
41) Benzoic Acid	5.745	105	189550	45.89	ppm	95
42) 2,4-Dichlorophenol	5.777	162	372254	36.63	ppm	99
43) 1,2,4-Trichlorobenzene	5.841	180	392095	31.87	ppm	100
44) Naphthalene	5.927	128	1375616	32.74	ppm	100
45) 4-Chloroaniline	5.991	127	289139	18.22	ppm	98
48) Hexachlorobutadiene	6.082	225	210726	33.05	ppm	99
52) 4-Chloro-3-methylphenol	6.627	107	430583	36.96	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On : 7 Sep 2010 12:34 pm
Operator : sheilac
Sample : op15932-bs
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 14:22:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Methylnaphthalene	6.793	142	946749	33.65	ppm		99
55) 1-Methylnaphthalene	6.927	142	936977	33.92	ppm		100
58) Hexachlorocyclopentadiene	7.029	237	33807	25.95	ppm	#	94
59) 2,4,6-Trichlorophenol	7.216	196	255709	38.76	ppm		100
60) 2,4,5-Trichlorophenol	7.301	196	258715	41.42	ppm		98
64) 2-Chloronaphthalene	7.499	162	880791	32.97	ppm		97
66) 2-Nitroaniline	7.676	65	296671	31.34	ppm		84
68) Acenaphthylene	8.173	152	1516614	35.60	ppm		100
69) Dimethylphthalate	8.018	163	1224678	38.85	ppm		100
70) m-Dinitrobenzene	8.045	168	190719	39.14	ppm	#	48
71) 2,6-Dinitrotoluene	8.093	165	288739	39.26	ppm		98
72) Acenaphthene	8.478	153	937586	34.36	ppm		99
73) 3-Nitroaniline	8.376	138	217864	32.04	ppm		98
74) 2,4-Dinitrophenol	8.564	184	89969	37.30	ppm		96
75) Dibenzofuran	8.778	168	1286933	35.30	ppm		98
76) Pentachlorobenzene	10.371	250	293546	37.99	ppm	#	99
77) 2,4-Dinitrotoluene	8.799	165	371099	41.28	ppm		95
78) 4-Nitrophenol	8.815	109	102002	39.54	ppm	#	1
81) 2,3,4,6-Tetrachlorophenol	9.040	232	215644	42.51	ppm		99
82) Fluorene	9.409	166	1122352	36.85	ppm		99
83) 4-Chlorophenyl-phenyle...	9.435	204	509830	37.16	ppm		99
84) Diethylphthalate	9.286	149	1314198	40.28	ppm		100
87) 4-Nitroaniline	9.489	138	215808m	40.21	ppm		
89) 4,6-Dinitro-2-methylph...	9.564	198	173628	43.22	ppm		99
90) n-Nitrosodiphenylamine	9.676	169	846842	34.42	ppm		100
91) 1,2-Diphenylhydrazine	9.735	77	1257821	39.64	ppm		99
92) Diphenylamine	9.676	169	846842	34.42	ppm		100
98) 4-Bromophenyl-phenylether	10.371	248	302079	40.39	ppm		99
100) Hexachlorobenzene	10.494	284	324587	39.94	ppm		97
104) Pentachlorophenol	10.912	266	123293	42.96	ppm		96
107) Phenanthrene	11.275	178	1640649	40.61	ppm		99
108) Anthracene	11.377	178	1536681	37.88	ppm		100
110) Carbazole	11.735	167	1373610	36.84	ppm		100
112) Di-n-butylphthalate	12.586	149	2320371	41.92	ppm		100
117) Fluoranthene	13.730	202	1786401	45.06	ppm		100
120) Pyrene	14.190	202	1798828	42.52	ppm		100
128) Butylbenzylphthalate	15.715	149	943973	46.02	ppm		100
130) 3,3'-Dichlorobenzidine	16.752	252	252828	28.82	ppm		99
131) Benzo[a]anthracene	16.747	228	1360648	43.31	ppm		100
132) Chrysene	16.833	228	1304446	43.03	ppm		100
133) bis(2-Ethylhexyl)phtha...	17.004	149	1228177	44.50	ppm		99
135) Di-n-octylphthalate	18.298	149	1702586	42.98	ppm		100
136) Benzo[b]fluoranthene	18.886	252	952177	42.46	ppm		96
137) Benzo[k]fluoranthene	18.940	252	934177	43.90	ppm		98
140) Benzo[a]pyrene	19.469	252	718039	38.12	ppm		100
142) Indeno[1,2,3-cd]pyrene	21.721	276	678475	54.44	ppm		99
143) Dibenz[a,h]anthracene	21.769	278	567586	57.27	ppm		99
144) Benzo[g,h,i]perylene	22.336	276	539641	57.95	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On : 7 Sep 2010 12:34 pm
Operator : sheilac
Sample : op15932-bs
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 14:22:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

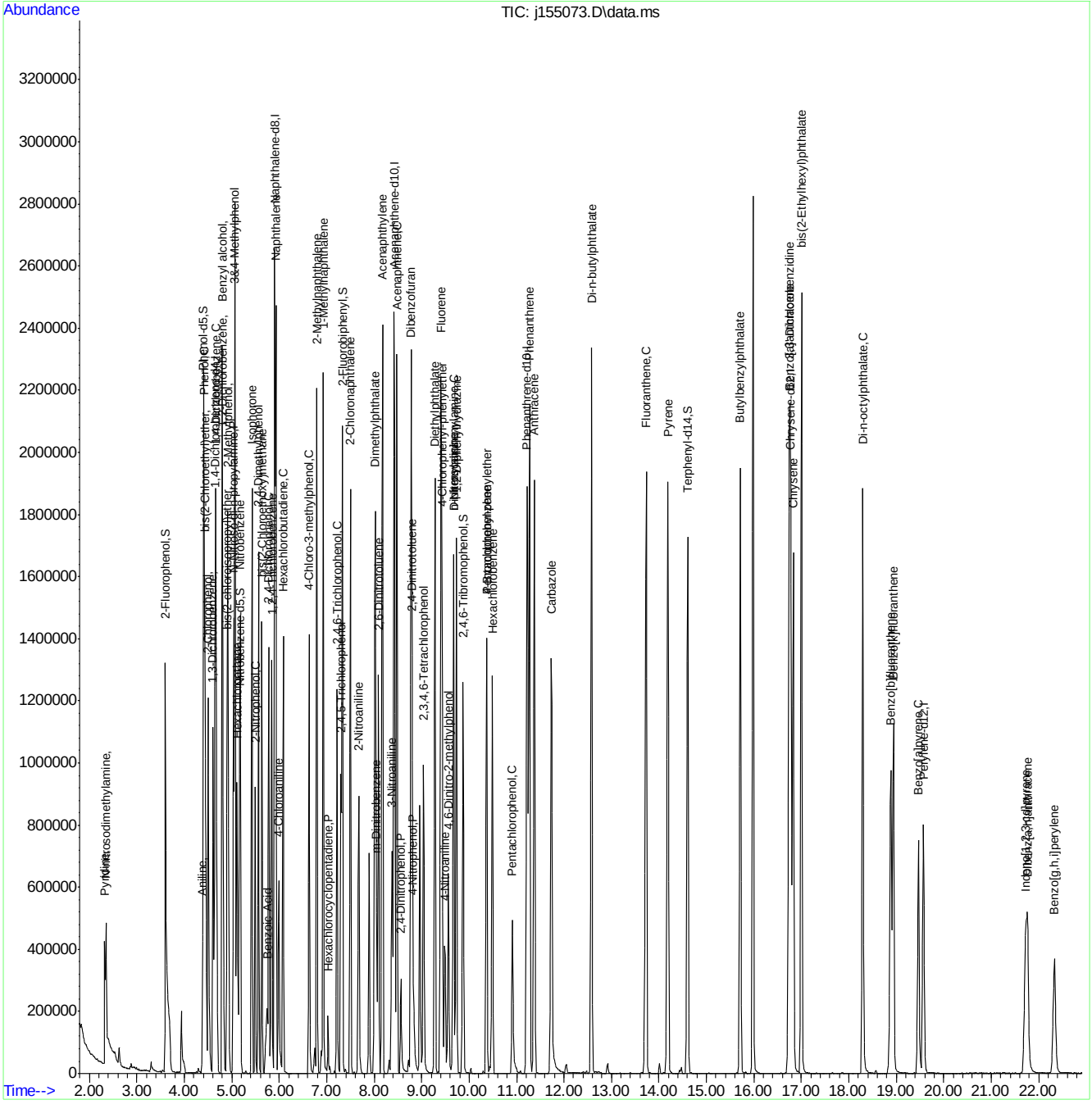
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On : 7 Sep 2010 12:34 pm
Operator : sheilac
Sample : op15932-bs
Misc : op15932,Ej923,30.00,,,1,1,soil
ALS Vial : 5 Sample Multiplier: 1

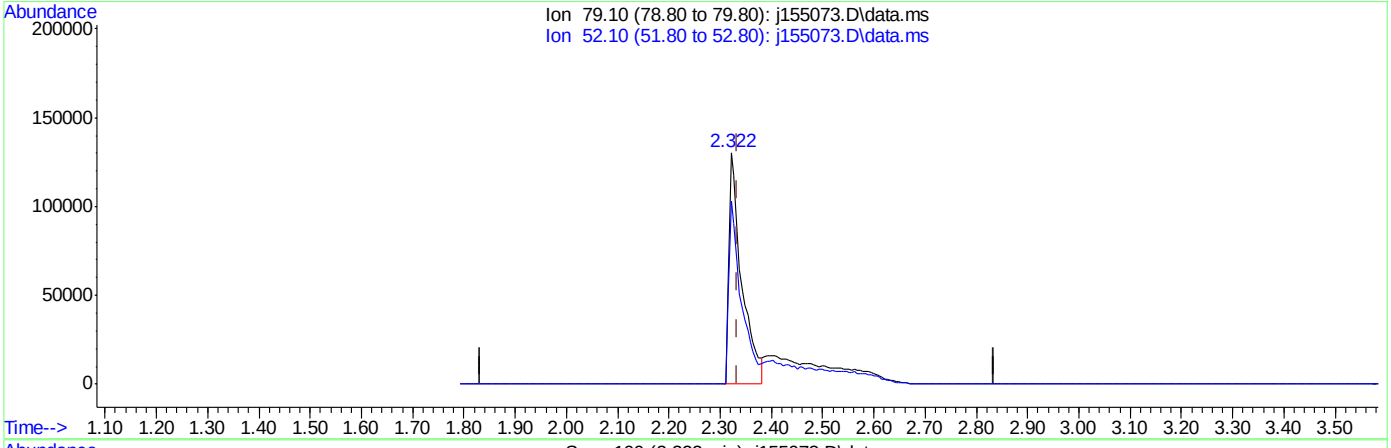
Quant Time: Sep 07 14:22:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

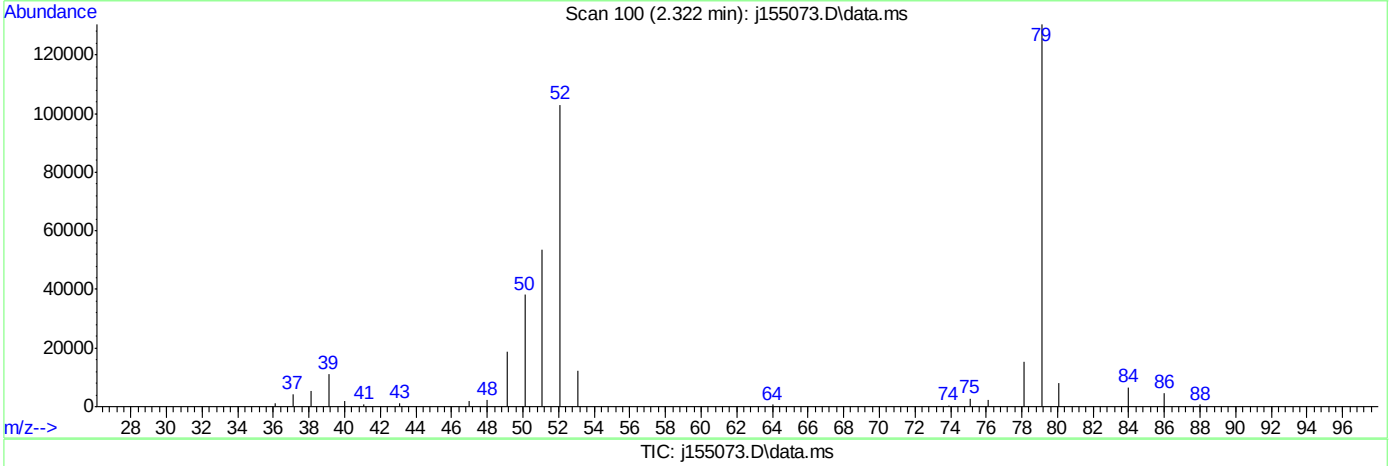


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On    :  7 Sep 2010  12:34 pm
Operator  : sheilac
Sample    : op15932-bs
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 07 13:19:19 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155073.D\data.ms

(5) Pyridine ( )

2.322min (-0.012) 13.91ppm

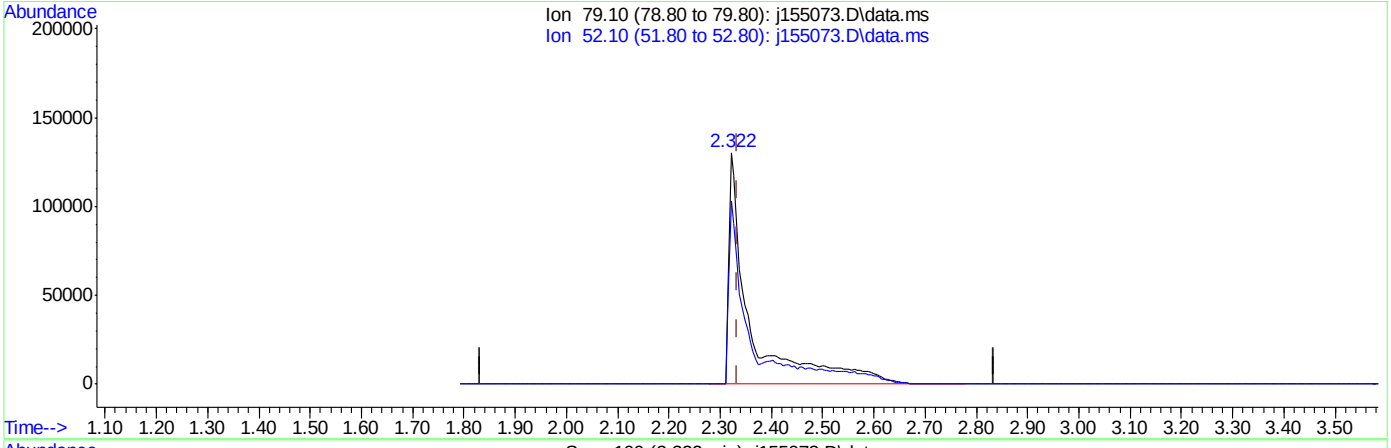
response 221547

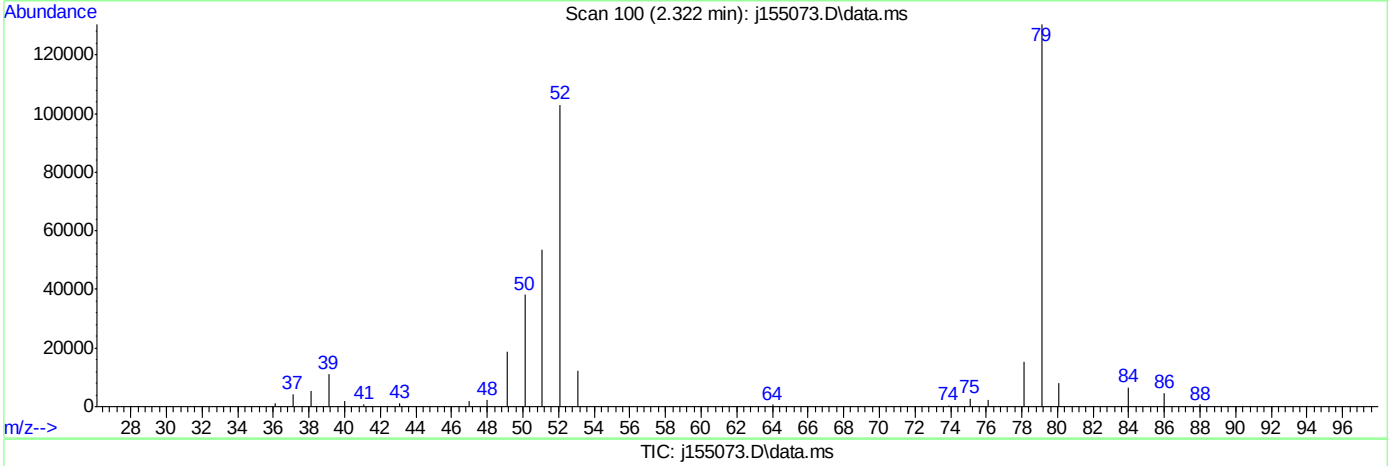
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	79.24#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On    :  7 Sep 2010  12:34 pm
Operator  : sheilac
Sample    : op15932-bs
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 07 13:19:19 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155073.D\data.ms

(5) Pyridine ( )

2.322min (-0.012) 23.46ppm m

response 373699

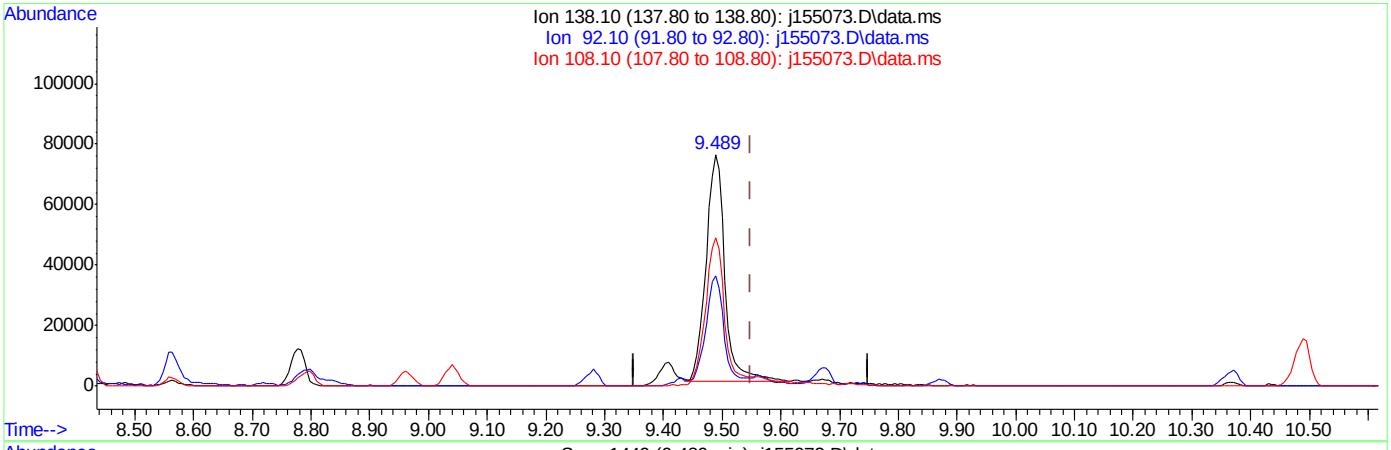
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	46.98
0.00	0.00	0.00
0.00	0.00	0.00

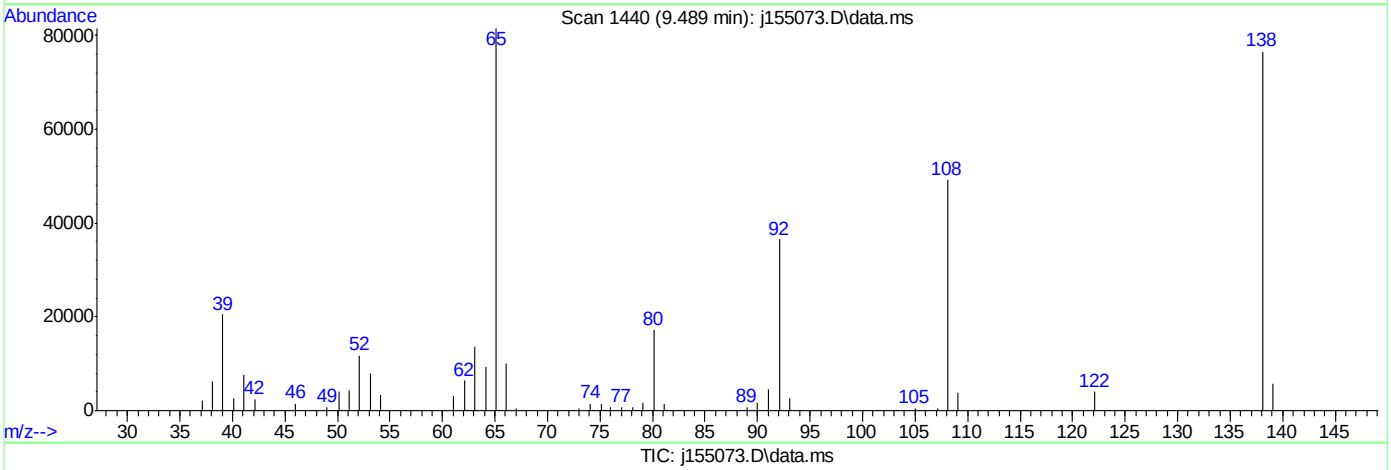
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On    :  7 Sep 2010  12:34 pm
Operator  : sheilac
Sample    : op15932-bs
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 07 13:19:19 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155073.D\data.ms

(87) 4-Nitroaniline

9.489min (-0.061) 30.87ppm

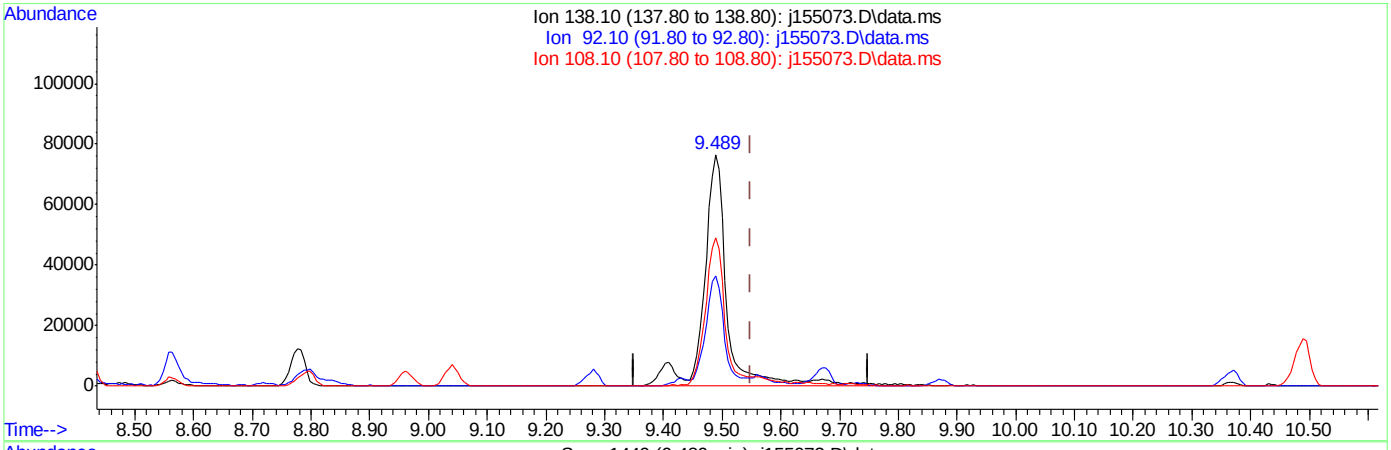
response 165686

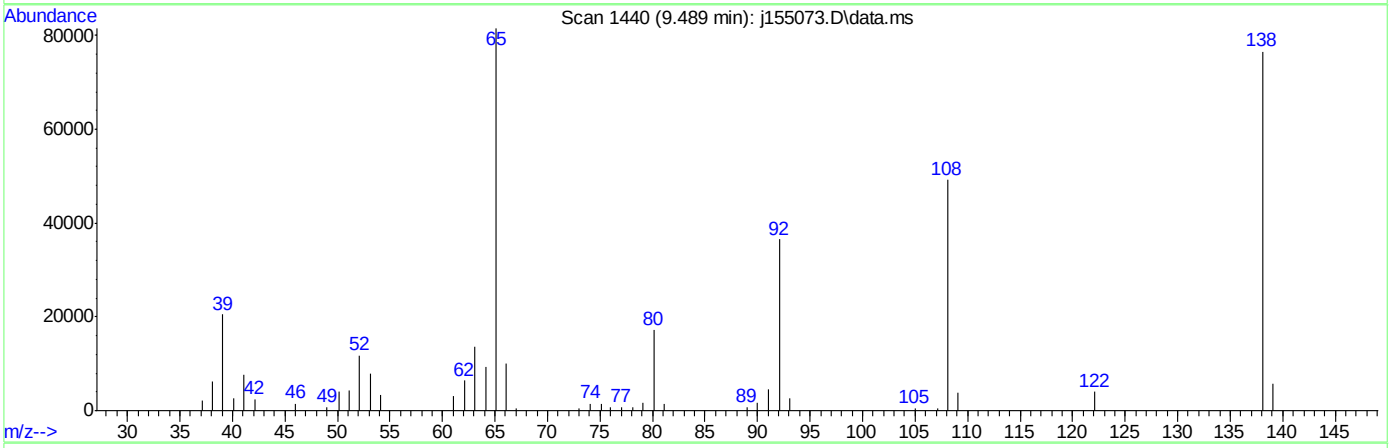
Ion	Exp%	Act%
138.10	100	100
92.10	45.20	42.31
108.10	61.80	72.85
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155073.D
Acq On    :  7 Sep 2010  12:34 pm
Operator  : sheilac
Sample    : op15932-bs
Misc      : op15932,Ej923,30.00,,,1,1,soil
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 07 13:19:19 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155073.D\data.ms

(87) 4-Nitroaniline

9.489min (-0.061) 40.21ppm m

response 215808

Ion	Exp%	Act%
138.10	100	100
92.10	45.20	32.48
108.10	61.80	55.93
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1385.D
Acq On : 7 Sep 2010 1:55 pm
Operator : murtuzak
Sample : op15936-bs
Misc : op15936,ev81,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 14:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	310043	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	202642	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.863	188	414868	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	232454	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	105794	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	277758	5.27	ug/ml	0.00
Spiked Amount 5.000	Range 17 - 131		Recovery	=	105.40%	
7) 2-Fluorobiphenyl (SURR)	6.481	172	556948	5.74	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 137		Recovery	=	114.80%	
17) Terphenyl-d14	13.007	244	319072	4.86	ug/ml	-0.01
Spiked Amount 5.000	Range 10 - 160		Recovery	=	97.20%	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	462661	3.44	ug/ml	99
4) 2-Methylnaphthalene	6.026	142	355342	3.53	ug/ml#	98
5) 1-Methylnaphthalene	6.134	142	323574	3.56	ug/ml#	99
8) Acenaphthylene	7.146	152	452076	4.09	ug/ml	99
9) Acenaphthene	7.412	154	280425	3.59	ug/ml	99
10) Fluorene	8.255	166	385750	4.42	ug/ml	97
12) Phenanthrene	9.904	178	609127	4.07	ug/ml	99
13) Anthracene	9.998	178	577390	3.98	ug/ml	100
14) Fluoranthene	12.135	202	542337	3.77	ug/ml	100
16) Pyrene	12.547	202	529925	4.63	ug/ml	100
18) Benzo(a)anthracene	14.911	228	260935	3.58	ug/ml	99
19) Chrysene	14.963	228	316746	4.23	ug/ml	100
21) Benzo(b)fluoranthene	16.871	252	135618	3.74	ug/ml	100
22) Benzo(k)fluoranthene	16.912	252	274827	4.38	ug/ml	100
23) Benzo(a)pyrene	17.392	252	106143	3.04	ug/ml#	98
24) Indeno(1,2,3-cd)pyrene	19.112	276	102154m	3.29	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	75458	3.24	ug/ml#	100
26) Benzo(g,h,i)perylene	19.466	276	130035	3.78	ug/ml	100

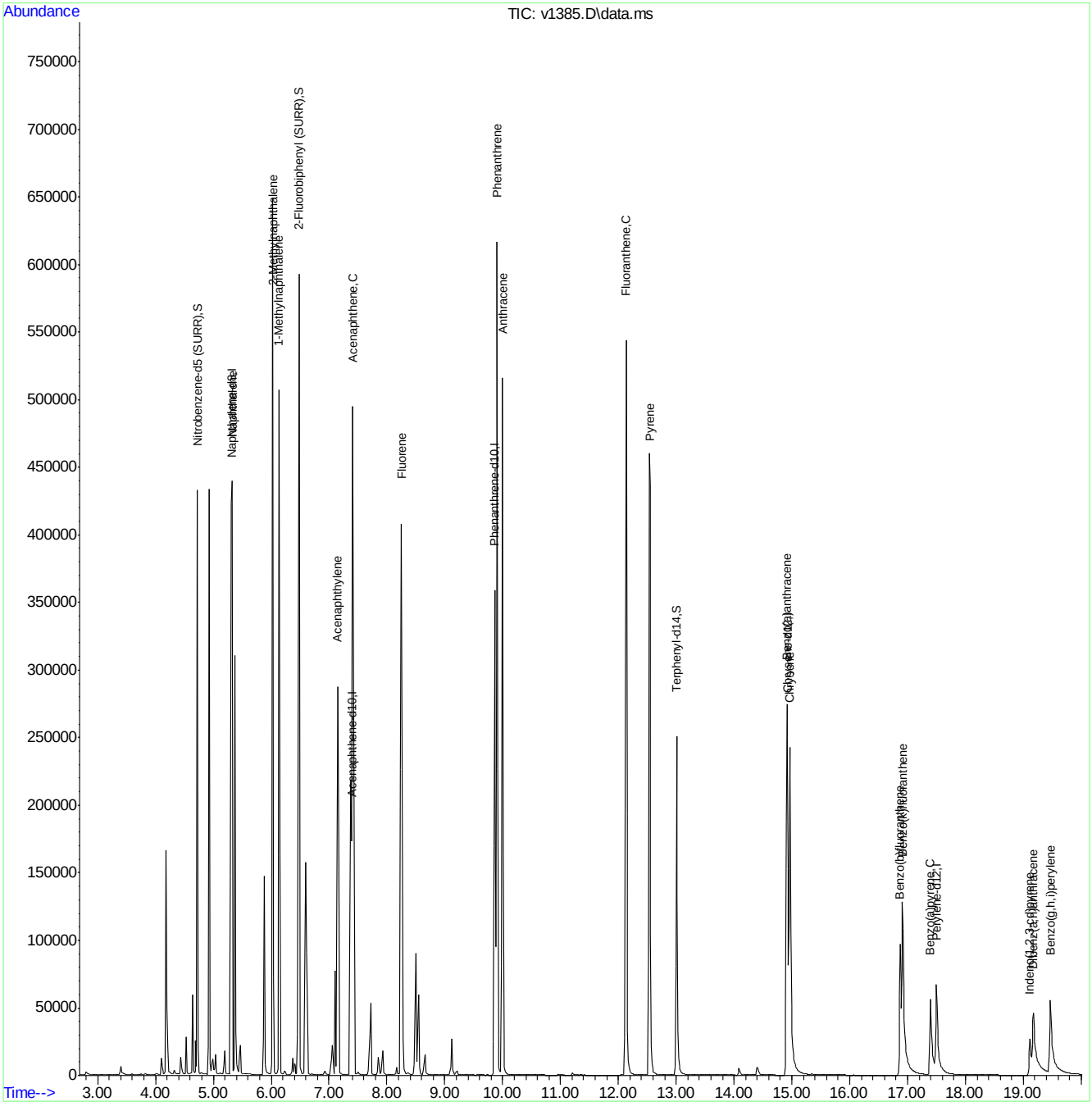
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.3.3
8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1385.D
Acq On : 7 Sep 2010 1:55 pm
Operator : murtuzak
Sample : op15936-bs
Misc : op15936,ev81,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

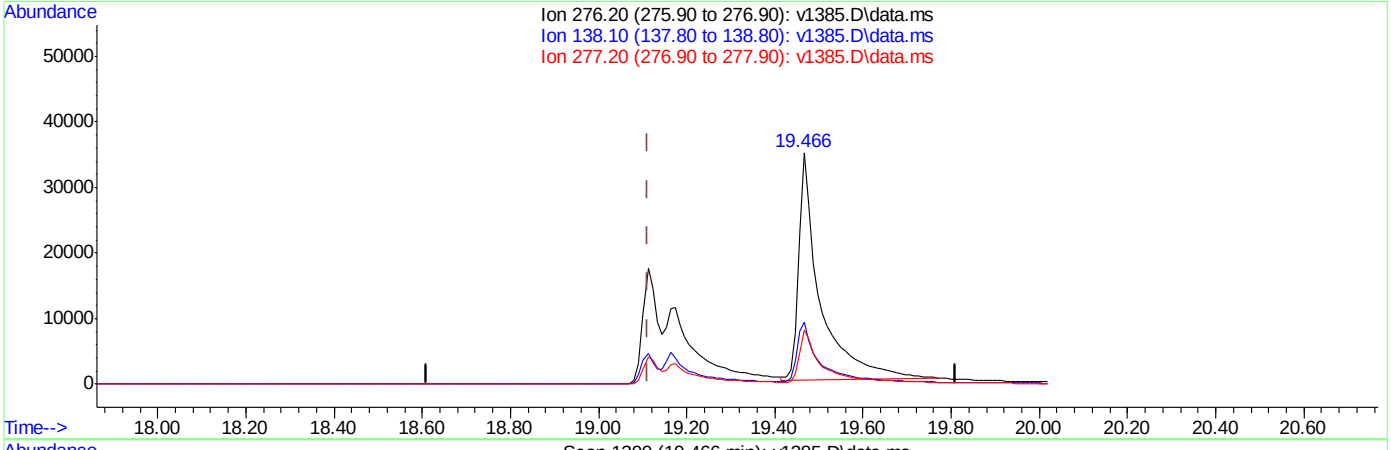
Quant Time: Sep 07 14:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

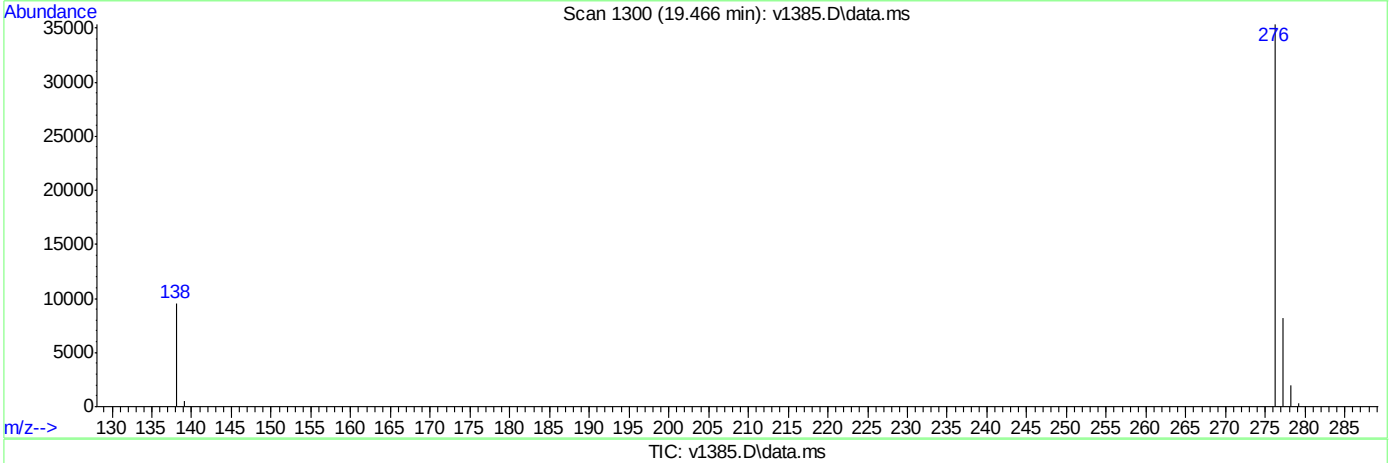


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1385.D
Acq On    :  7 Sep 2010   1:55 pm
Operator  : murtuzak
Sample    : op15936-bs
Misc      : op15936,ev81,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 14:15:29 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration
```





TIC: v1385.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.466min (+0.354) 3.73ug/ml

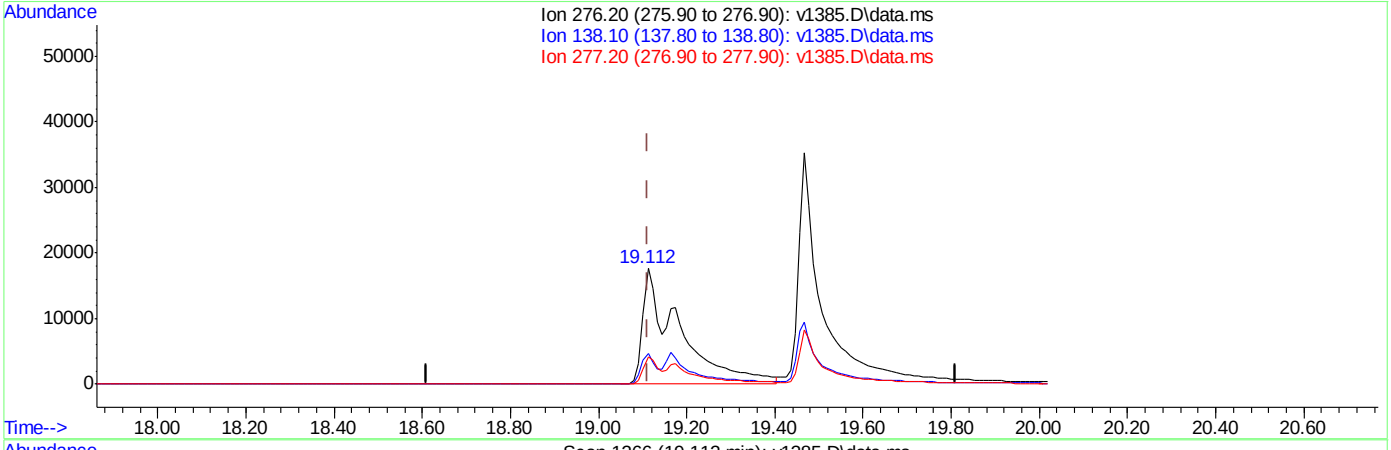
response 118898

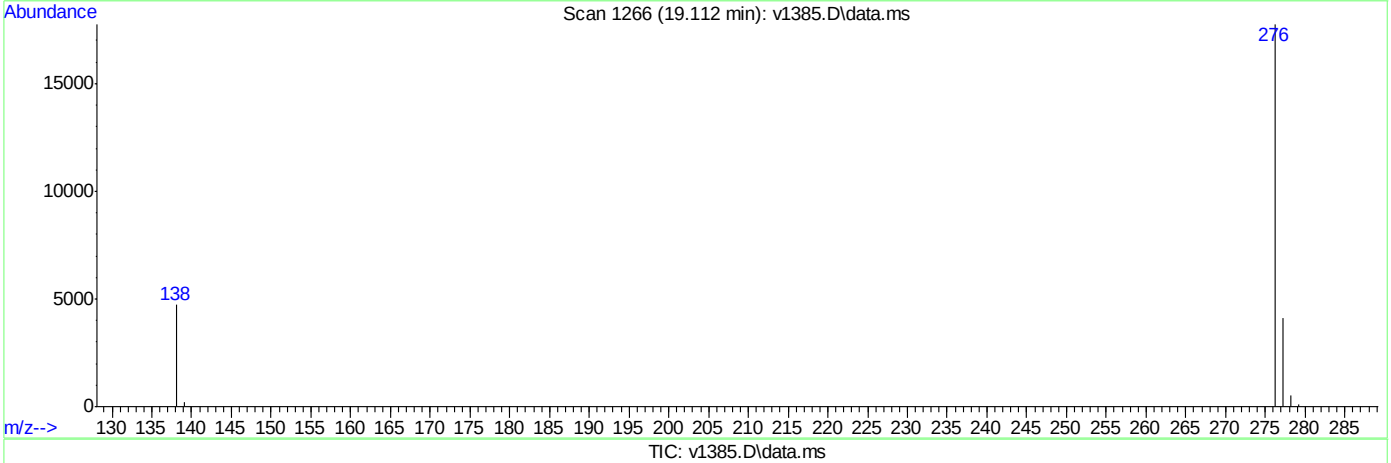
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	26.80
277.20	24.20	22.54
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1385.D
Acq On    :  7 Sep 2010   1:55 pm
Operator  : murtuzak
Sample    : op15936-bs
Misc      : op15936,ev81,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 14:15:29 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration
```





TIC: v1385.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.112min (-0.000) 3.29ug/ml m

response 102154

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	31.19
277.20	24.20	26.23
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1387.D
Acq On : 7 Sep 2010 2:46 pm
Operator : murtuzak
Sample : op15933-bs
Misc : op15933,ev81,30.00,,,1,1,soil
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 07 15:31:38 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

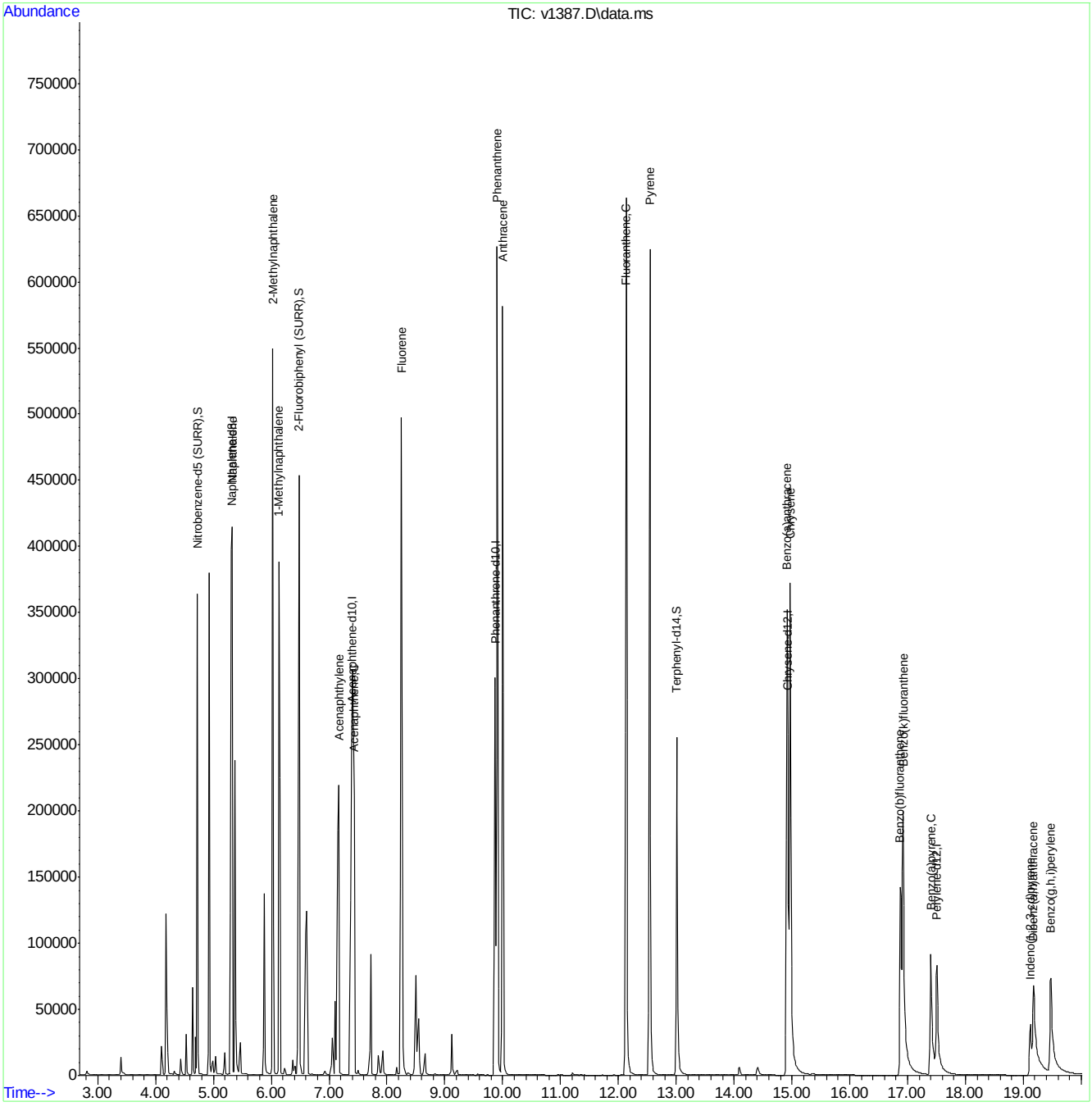
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	261000	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	209559	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.873	188	396738	4.00	ug/ml	0.00
15) Chrysene-d12	14.932	240	281557	4.00	ug/ml	0.01
20) Perylene-d12	17.506	264	134308	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	245263	5.53	ug/ml	0.00
Spiked Amount 5.000	Range 10 - 127		Recovery	=	110.60%	
7) 2-Fluorobiphenyl (SURR)	6.481	172	424294	3.89	ug/ml	0.00
Spiked Amount 5.000	Range 11 - 133		Recovery	=	77.80%	
17) Terphenyl-d14	13.006	244	359123	4.52	ug/ml	-0.01
Spiked Amount 5.000	Range 15 - 187		Recovery	=	90.40%	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	449454	3.97	ug/ml	99
4) 2-Methylnaphthalene	6.026	142	325286	3.89	ug/ml#	98
5) 1-Methylnaphthalene	6.134	142	299247	3.91	ug/ml#	97
8) Acenaphthylene	7.168	152	400659	3.51	ug/ml	96
9) Acenaphthene	7.434	154	243617	3.02	ug/ml	92
10) Fluorene	8.255	166	394079	4.37	ug/ml	96
12) Phenanthrene	9.904	178	630439	4.41	ug/ml	100
13) Anthracene	9.998	178	592087	4.27	ug/ml	100
14) Fluoranthene	12.135	202	623877	4.51	ug/ml	99
16) Pyrene	12.546	202	624958	4.51	ug/ml	100
18) Benzo(a)anthracene	14.911	228	359706	4.06	ug/ml	99
19) Chrysene	14.974	228	444087	4.89	ug/ml	100
21) Benzo(b)fluoranthene	16.871	252	232673	4.78	ug/ml	100
22) Benzo(k)fluoranthene	16.923	252	375213	4.72	ug/ml	99
23) Benzo(a)pyrene	17.402	252	166233	3.65	ug/ml	99
24) Indeno(1,2,3-cd)pyrene	19.122	276	147664m	3.67	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	106752	3.55	ug/ml#	100
26) Benzo(g,h,i)perylene	19.477	276	177295	4.04	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1387.D
Acq On : 7 Sep 2010 2:46 pm
Operator : murtuzak
Sample : op15933-bs
Misc : op15933,ev81,30.00,,,1,1,soil
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 07 15:31:38 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

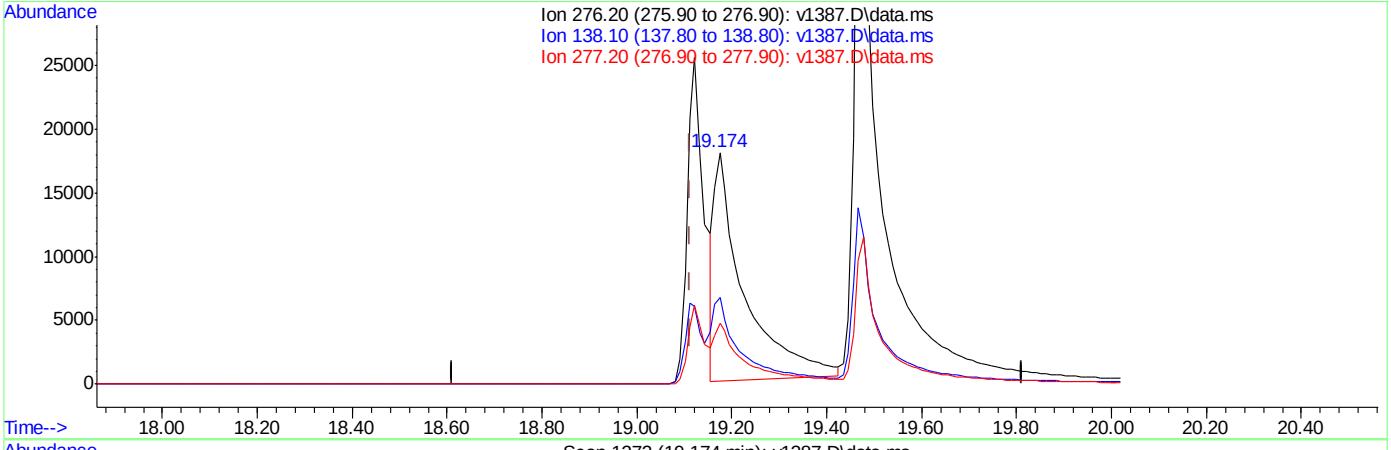


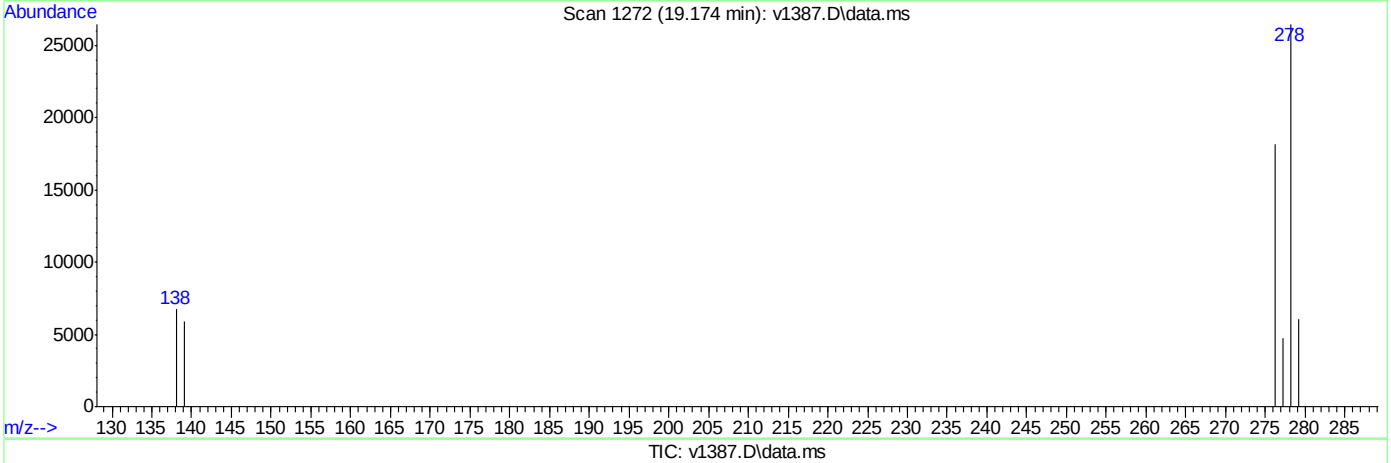
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1387.D
Acq On    :  7 Sep 2010   2:46 pm
Operator  : murtuzak
Sample    : op15933-bs
Misc      : op15933,ev81,30.00,,,1,1,soil
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 07 15:31:05 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration
```





TIC: v1387.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.174min (+0.062) 2.17ug/ml

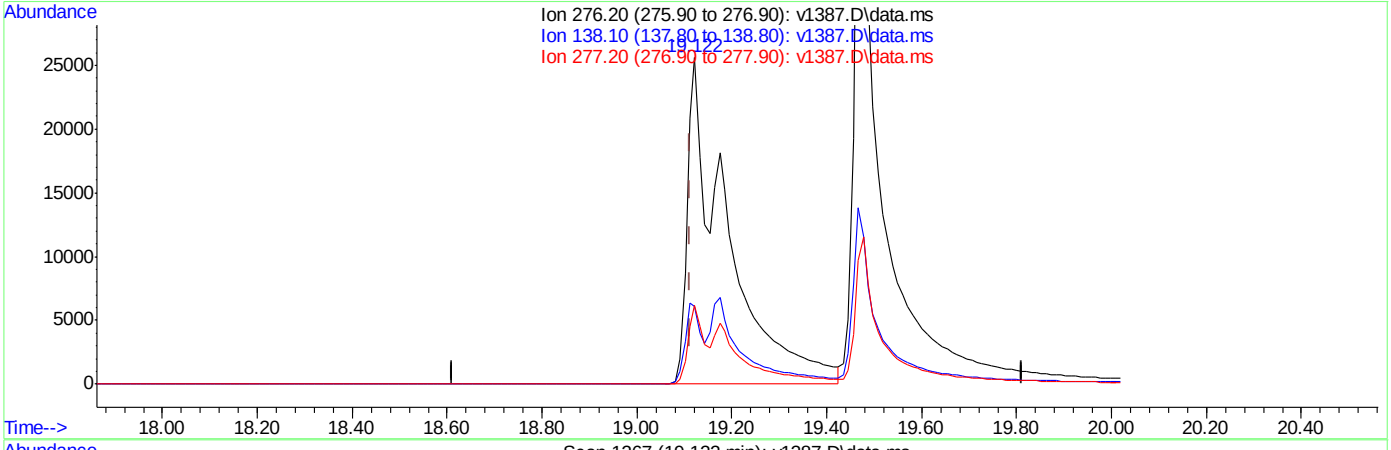
response 78918

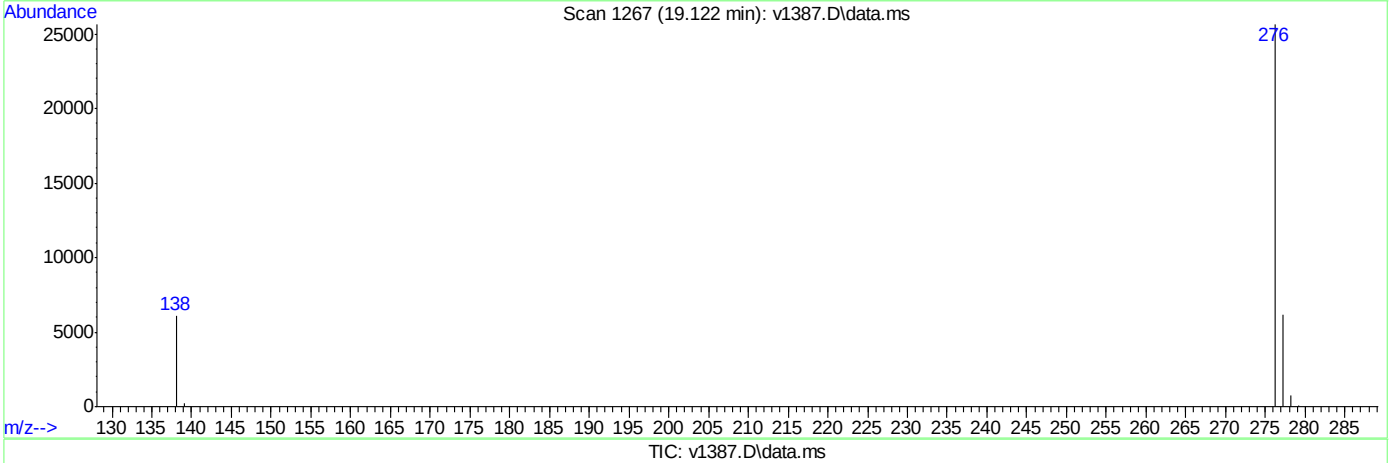
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	37.39
277.20	24.20	26.01
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1387.D
Acq On    :  7 Sep 2010   2:46 pm
Operator  : murtuzak
Sample    : op15933-bs
Misc      : op15933,ev81,30.00,,,1,1,soil
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 07 15:31:05 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration
```





TIC: v1387.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 3.67ug/ml m

response 147664

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	19.98
277.20	24.20	13.90
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 17:38

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On : 7 Sep 2010 3:01 pm
Operator : sheilac
Sample : op15932-ms
Misc : op15932,Ej923,30.84,,,1,1,soil
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 15:26:07 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.654	152	349195	40.00	ppm	-0.02
31) Naphthalene-d8	5.905	136	1383406	40.00	ppm	-0.03
57) Acenaphthene-d10	8.425	164	922426	40.00	ppm	-0.04
88) Phenanthrene-d10	11.233	188	1514490	40.00	ppm	-0.05
118) Chrysene-d12	16.784	240	1023699	40.00	ppm	-0.04
134) Perylene-d12	19.576	264	529494	40.00	ppm	-0.05
System Monitoring Compounds						
13) 2-Fluorophenol	3.605	112	823080	78.53	ppm	0.00
Spiked Amount 100.000	Range 26 - 124		Recovery = 78.53%			
15) Phenol-d5	4.408	99	1072938	84.17	ppm	-0.02
Spiked Amount 100.000	Range 19 - 106		Recovery = 84.17%			
32) Nitrobenzene-d5	5.162	82	520506	42.74	ppm	-0.03
Spiked Amount 50.000	Range 18 - 104		Recovery = 85.48%			
61) 2-Fluorobiphenyl	7.333	172	1060909	45.26	ppm	-0.04
Spiked Amount 50.000	Range 21 - 114		Recovery = 90.52%			
93) 2,4,6-Tribromophenol	9.885	330	256499	108.13	ppm	-0.05
Spiked Amount 100.000	Range 18 - 129		Recovery = 108.13%			
121) Terphenyl-d14	14.613	244	1173676	60.88	ppm	-0.06
Spiked Amount 50.000	Range 24 - 149		Recovery = 121.76%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	2.354	42	221661	38.73	ppm	# 66
5) Pyridine	2.327	79	400798m	30.63	ppm	
12) Aniline	4.386	93	523209	40.54	ppm	94
14) bis(2-Chloroethyl)ether	4.434	93	550743	35.64	ppm	91
16) Phenol	4.418	94	621681	39.90	ppm	91
17) 2-Chlorophenol	4.504	128	477852	40.70	ppm	98
18) 1,3-Dichlorobenzene	4.606	146	504741	38.29	ppm	100
19) 1,4-Dichlorobenzene	4.664	146	504441	36.51	ppm	99
20) 1,2-Dichlorobenzene	4.803	146	481385	38.48	ppm	100
21) Benzyl alcohol	4.798	108	346476	43.98	ppm	98
22) bis(2-chloroisopropyl)...	4.905	45	865648	40.44	ppm	83
23) 2-Methylphenol	4.921	108	475826	42.33	ppm	# 45
28) Hexachloroethane	5.108	117	190679	38.02	ppm	98
29) N-Nitroso-di-n-propyla...	5.039	70	422933	46.69	ppm	# 58
30) 3&4-Methylphenol	5.066	108	959885	79.14	ppm	# 31
33) Nitrobenzene	5.183	77	540375	42.70	ppm	99
36) Isophorone	5.424	82	1121445	44.12	ppm	99
37) 2-Nitrophenol	5.493	139	257840	45.02	ppm	98
38) 2,4-Dimethylphenol	5.568	107	538350	45.60	ppm	99
39) bis(2-Chloroethoxy)met...	5.638	93	611735	33.56	ppm	88
41) Benzoic Acid	5.702	105	39399m	15.91	ppm	
42) 2,4-Dichlorophenol	5.777	162	395017	46.16	ppm	99
43) 1,2,4-Trichlorobenzene	5.841	180	417310	40.28	ppm	100
44) Naphthalene	5.932	128	1448612	40.96	ppm	100
45) 4-Chloroaniline	5.996	127	447594	33.50	ppm	96
48) Hexachlorobutadiene	6.082	225	225085	41.94	ppm	99
52) 4-Chloro-3-methylphenol	6.633	107	475451	48.48	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On : 7 Sep 2010 3:01 pm
Operator : sheilac
Sample : op15932-ms
Misc : op15932,Ej923,30.84,,,1,1,soil
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 15:26:07 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Methylnaphthalene	6.793	142	1018634	43.00	ppm		99
55) 1-Methylnaphthalene	6.932	142	1009052	43.39	ppm		99
58) Hexachlorocyclopentadiene	7.034	237	35397	30.43	ppm	#	94
59) 2,4,6-Trichlorophenol	7.221	196	283773	50.17	ppm		100
60) 2,4,5-Trichlorophenol	7.301	196	290575	54.26	ppm		100
64) 2-Chloronaphthalene	7.505	162	957584	35.87	ppm		97
66) 2-Nitroaniline	7.681	65	324635	40.00	ppm		86
68) Acenaphthylene	8.178	152	1694505	46.40	ppm		100
69) Dimethylphthalate	8.023	163	1275540	47.19	ppm		100
70) m-Dinitrobenzene	8.050	168	194540	46.57	ppm	#	44
71) 2,6-Dinitrotoluene	8.098	165	304331	48.26	ppm		99
72) Acenaphthene	8.483	153	1043803	44.61	ppm		100
73) 3-Nitroaniline	8.382	138	227716	39.06	ppm		95
74) 2,4-Dinitrophenol	8.569	184	58050	29.31	ppm		96
75) Dibenzofuran	8.783	168	1420144	45.43	ppm		97
76) Pentachlorobenzene	10.377	250	316563	47.78	ppm	#	98
77) 2,4-Dinitrotoluene	8.804	165	375412	48.71	ppm		92
78) 4-Nitrophenol	8.820	109	114262	52.12	ppm	#	50
81) 2,3,4,6-Tetrachlorophenol	9.045	232	244037	54.82	ppm		99
82) Fluorene	9.414	166	1232921	47.22	ppm		99
83) 4-Chlorophenyl-phenyle...	9.441	204	556094	47.27	ppm		99
84) Diethylphthalate	9.286	149	1379544	49.31	ppm		99
87) 4-Nitroaniline	9.494	138	186302	32.69	ppm		87
89) 4,6-Dinitro-2-methylph...	9.569	198	173205	47.33	ppm		99
90) n-Nitrosodiphenylamine	9.681	169	901808	40.58	ppm		99
91) 1,2-Diphenylhydrazine	9.740	77	1389308	48.48	ppm		99
92) Diphenylamine	9.681	169	901808	40.58	ppm		99
98) 4-Bromophenyl-phenylether	10.377	248	328045	48.57	ppm		99
100) Hexachlorobenzene	10.500	284	349039	47.56	ppm		98
104) Pentachlorophenol	10.917	266	144393	55.72	ppm		97
107) Phenanthrene	11.281	178	1802036	49.40	ppm		100
108) Anthracene	11.382	178	1805068	49.27	ppm		99
110) Carbazole	11.741	167	1546963	45.94	ppm		99
112) Di-n-butylphthalate	12.591	149	2527174	50.56	ppm		100
117) Fluoranthene	13.741	202	1944372	55.78	ppm		99
120) Pyrene	14.196	202	1984415	58.09	ppm		100
128) Butylbenzylphthalate	15.720	149	970035	58.56	ppm		99
130) 3,3'-Dichlorobenzidine	16.752	252	183284	25.87	ppm		97
131) Benzo[a]anthracene	16.752	228	1381933	54.47	ppm		100
132) Chrysene	16.833	228	1257534	51.37	ppm		100
133) bis(2-Ethylhexyl)phtha...	17.009	149	1200249	53.86	ppm		100
135) Di-n-octylphthalate	18.298	149	1483216	47.99	ppm		99
136) Benzo[b]fluoranthene	18.892	252	855891	48.91	ppm		97
137) Benzo[k]fluoranthene	18.940	252	851242	51.26	ppm		99
140) Benzo[a]pyrene	19.475	252	638408	43.44	ppm		98
142) Indeno[1,2,3-cd]pyrene	21.727	276	519916	53.17	ppm		99
143) Dibenz[a,h]anthracene	21.769	278	450522	58.42	ppm		99
144) Benzo[g,h,i]perylene	22.336	276	398100	53.50	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On : 7 Sep 2010 3:01 pm
Operator : sheilac
Sample : op15932-ms
Misc : op15932,Ej923,30.84,,,1,1,soil
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 07 15:26:07 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

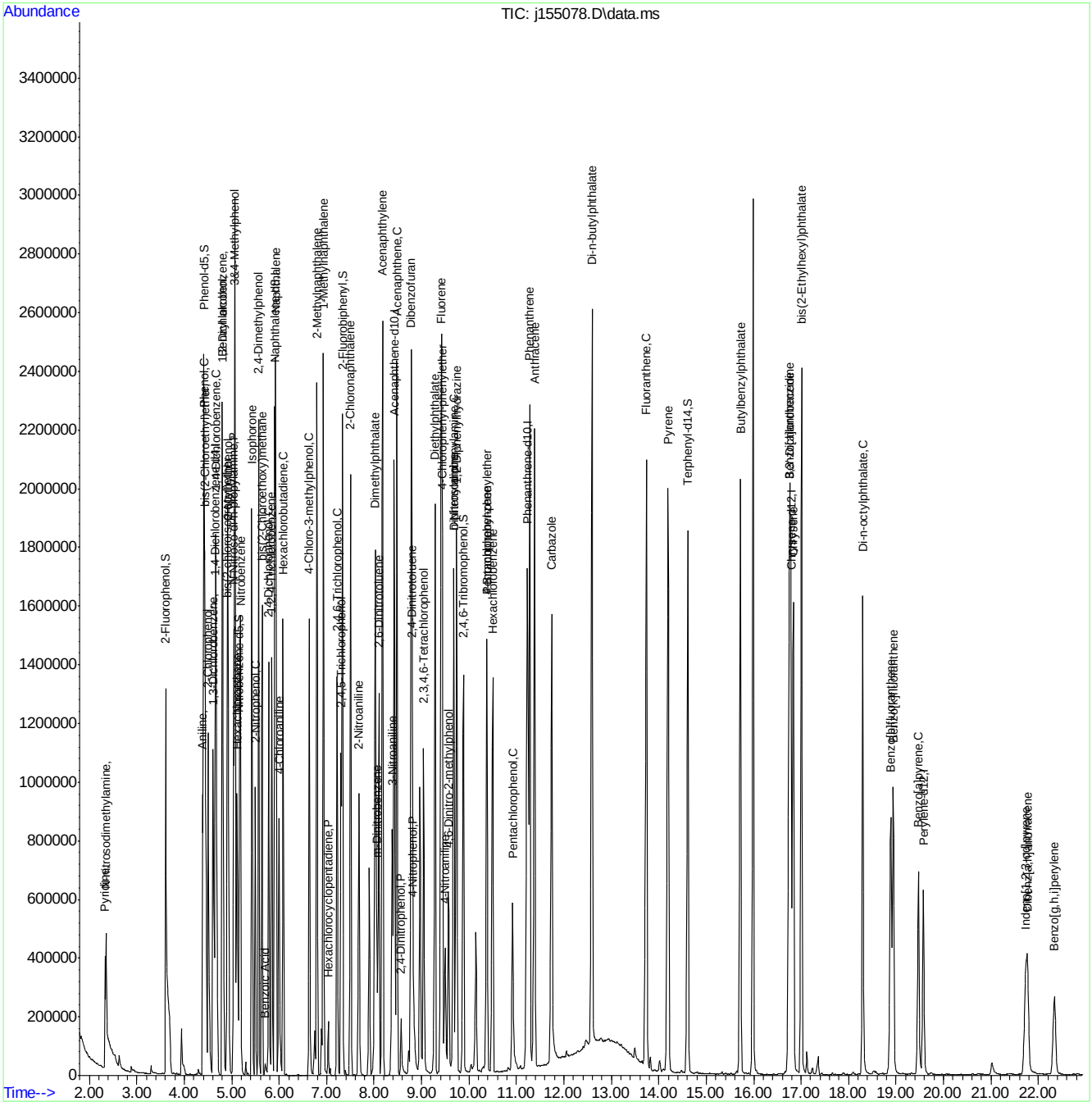
8.4.1

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On : 7 Sep 2010 3:01 pm
Operator : sheilac
Sample : op15932-ms
Misc : op15932,Ej923,30.84,,,1,1,soil
ALS Vial : 10 Sample Multiplier: 1

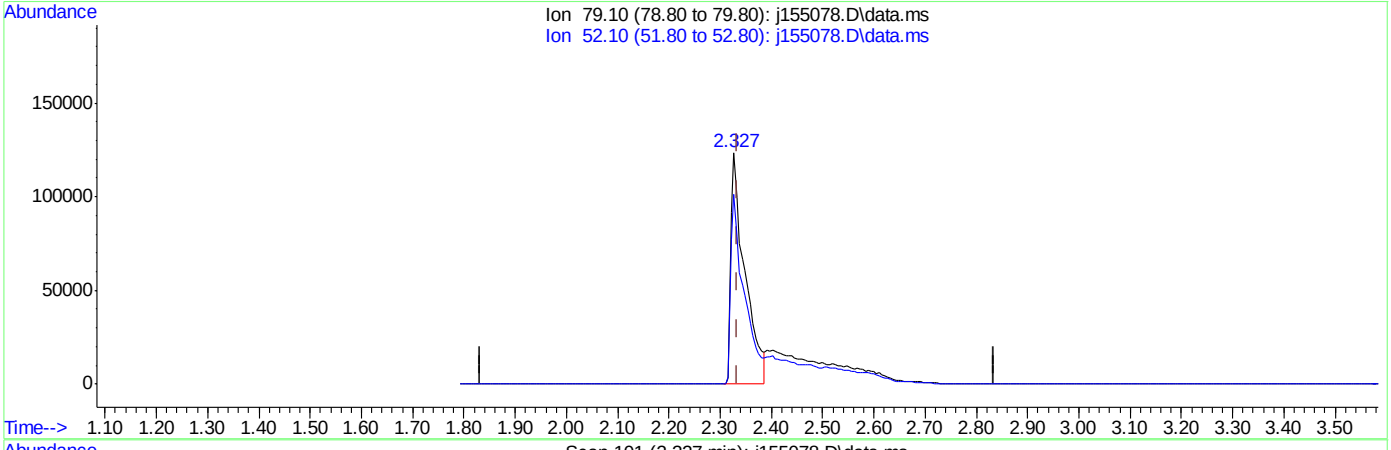
Quant Time: Sep 07 15:26:07 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

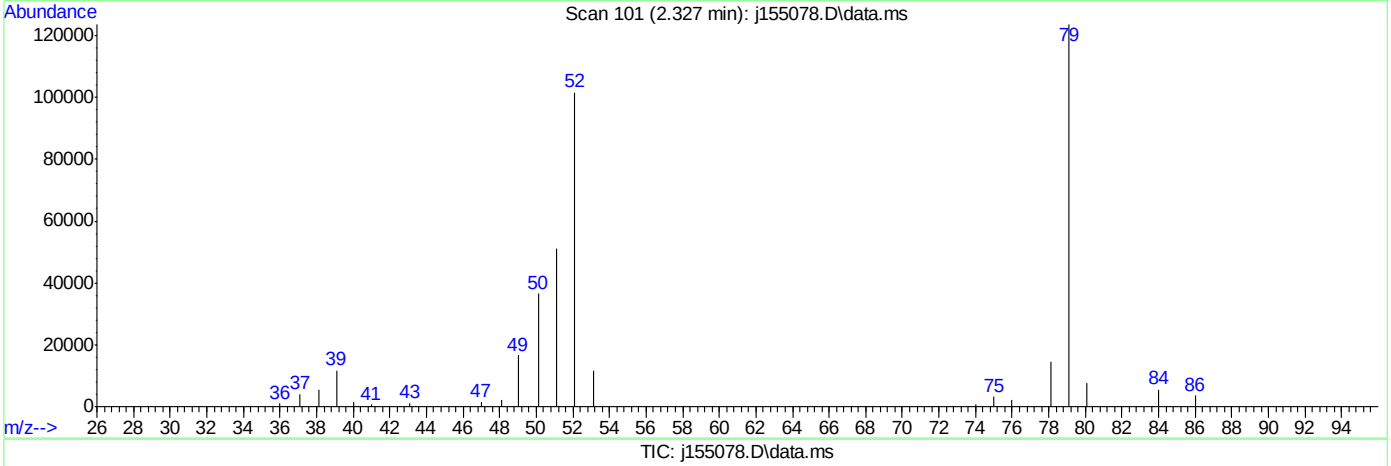


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On    :  7 Sep 2010   3:01 pm
Operator  : sheilac
Sample    : op15932-ms
Misc      : op15932,Ej923,30.84,,,1,1,soil
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 15:24:14 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155078.D\data.ms

(5) Pyridine ( )

2.327min (-0.007) 17.76ppm

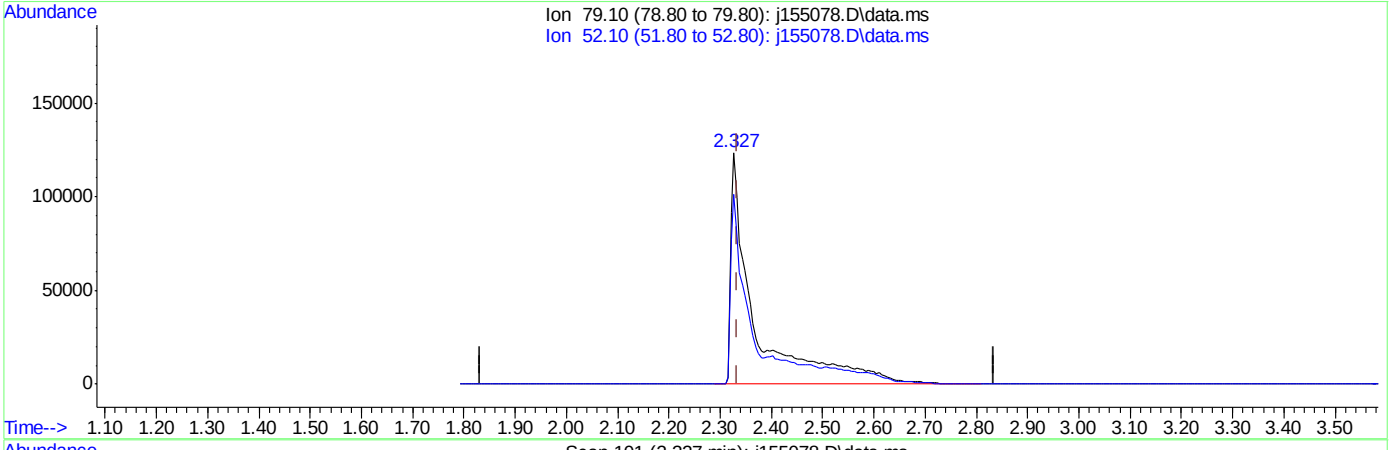
response 232368

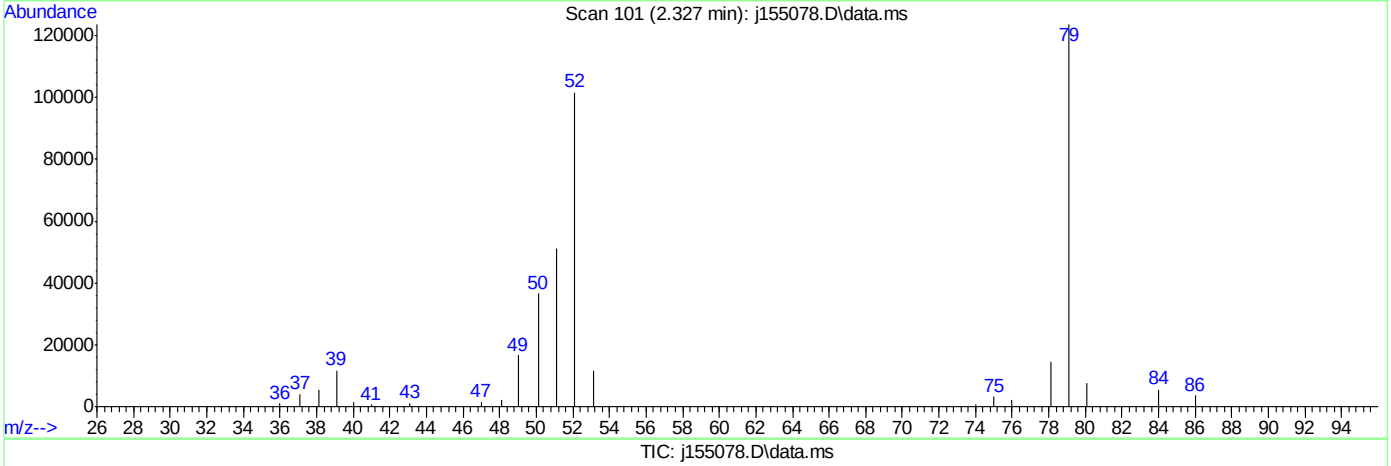
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	80.26#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On    :  7 Sep 2010   3:01 pm
Operator  : sheilac
Sample    : op15932-ms
Misc      : op15932,Ej923,30.84,,,1,1,soil
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 15:24:14 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155078.D\data.ms

(5) Pyridine ( )

2.327min (-0.007) 30.63ppm m

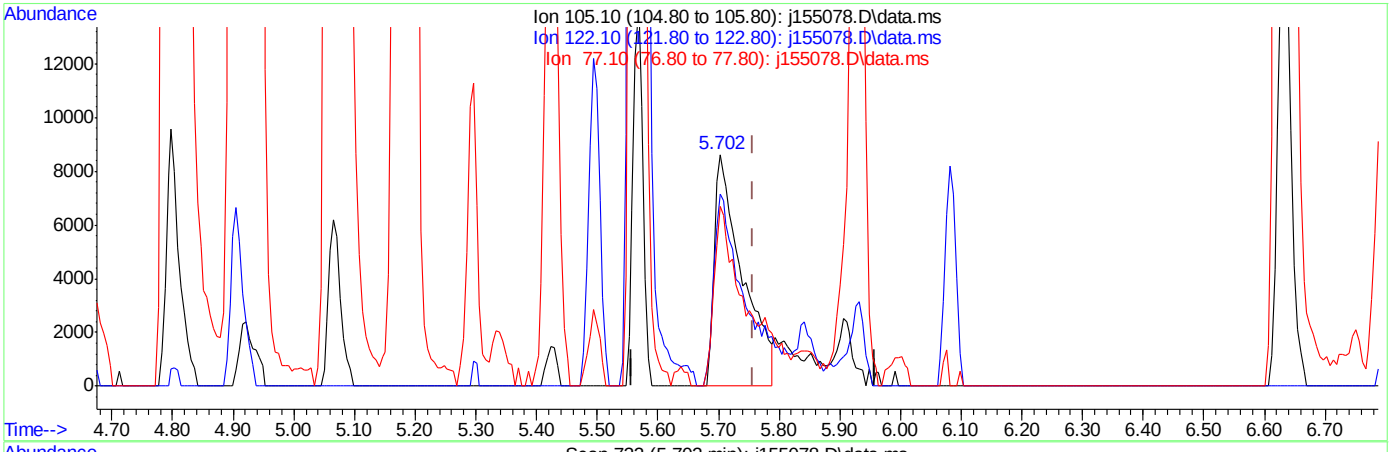
response 400798

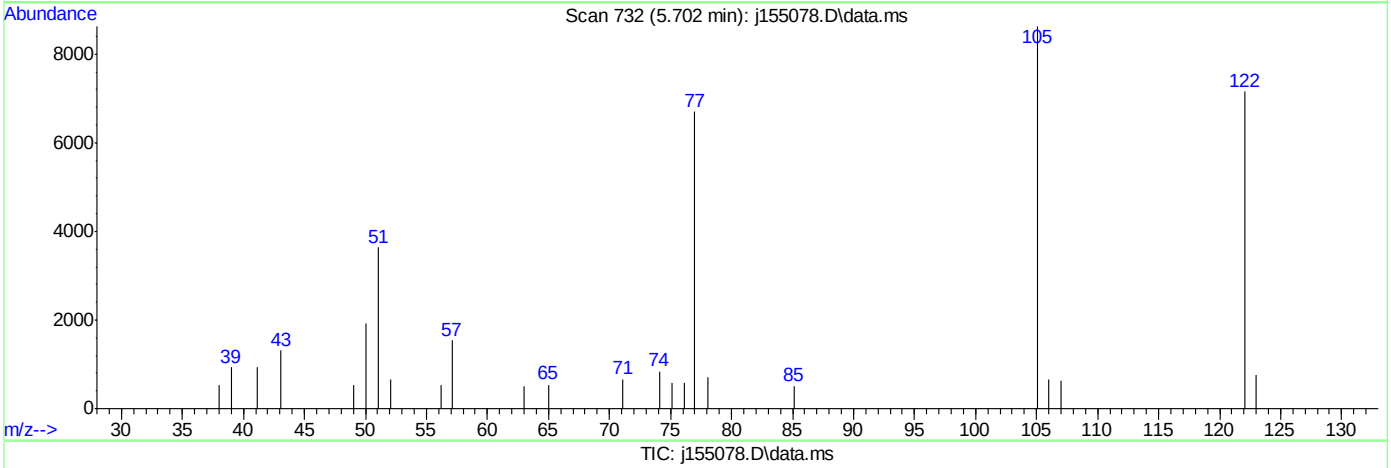
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	46.53
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On    :  7 Sep 2010   3:01 pm
Operator  : sheilac
Sample    : op15932-ms
Misc      : op15932,Ej923,30.84,,,1,1,soil
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 15:24:14 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155078.D\data.ms

(41) Benzoic Acid

5.702min (-0.056) 11.27ppm

response 27681

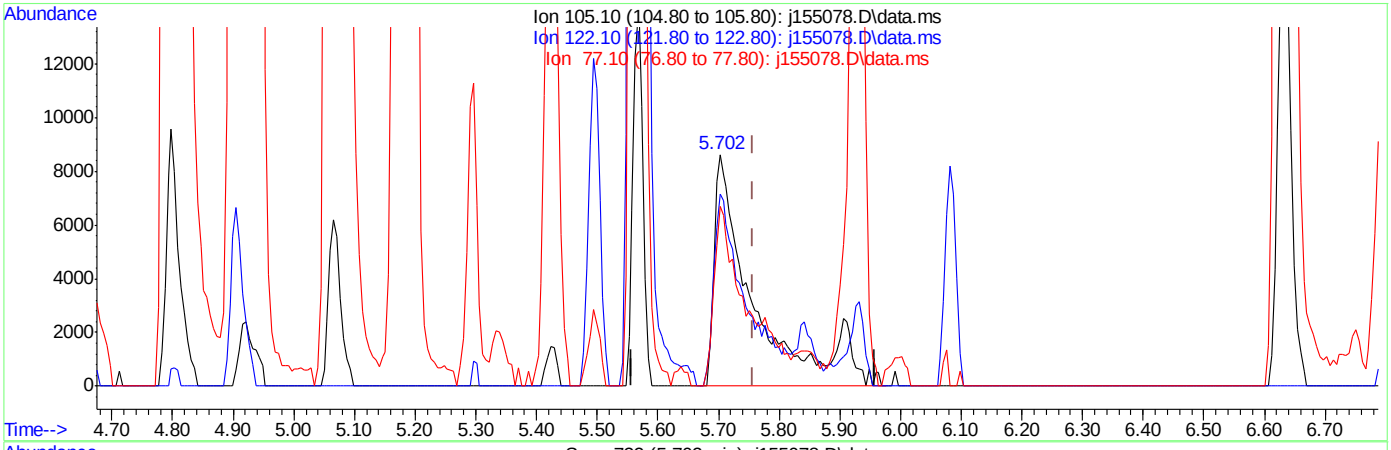
Ion	Exp%	Act%
105.10	100	100
122.10	72.00	95.64
77.10	71.30	71.96
0.00	0.00	0.00

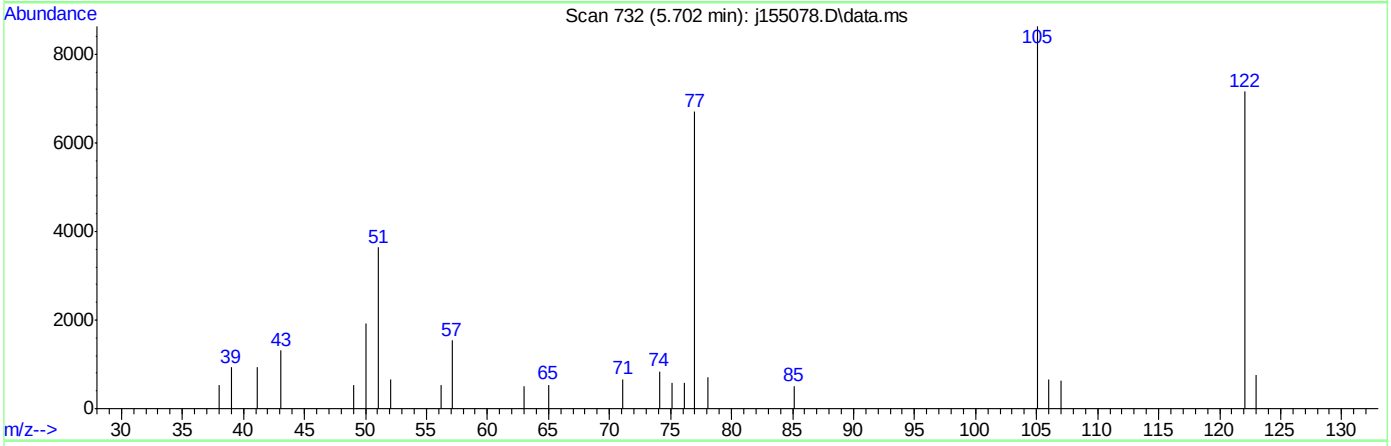
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155078.D
Acq On    :  7 Sep 2010   3:01 pm
Operator  : sheilac
Sample    : op15932-ms
Misc      : op15932,Ej923,30.84,,,1,1,soil
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 07 15:24:14 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





(41) Benzoic Acid

5.702min (-0.056) 15.91ppm m

response 39399

Ion	Exp%	Act%
105.10	100	100
122.10	72.00	67.19
77.10	71.30	50.56
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 17:38

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On : 7 Sep 2010 3:29 pm
Operator : sheilac
Sample : op15932-msd
Misc : op15932,Ej923,30.44,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 16:06:47 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.654	152	412862	40.00	ppm	-0.02
31) Naphthalene-d8	5.905	136	1649345	40.00	ppm	-0.03
57) Acenaphthene-d10	8.430	164	1093745	40.00	ppm	-0.03
88) Phenanthrene-d10	11.233	188	1773063	40.00	ppm	-0.05
118) Chrysene-d12	16.785	240	1106679	40.00	ppm	-0.04
134) Perylene-d12	19.582	264	568088	40.00	ppm	-0.05
System Monitoring Compounds						
13) 2-Fluorophenol	3.605	112	983499	79.36	ppm	0.00
Spiked Amount 100.000	Range 26 - 124		Recovery = 79.36%			
15) Phenol-d5	4.413	99	1269736	84.25	ppm	-0.01
Spiked Amount 100.000	Range 19 - 106		Recovery = 84.25%			
32) Nitrobenzene-d5	5.167	82	634443	43.70	ppm	-0.03
Spiked Amount 50.000	Range 18 - 104		Recovery = 87.40%			
61) 2-Fluorobiphenyl	7.339	172	1272739	45.79	ppm	-0.04
Spiked Amount 50.000	Range 21 - 114		Recovery = 91.58%			
93) 2,4,6-Tribromophenol	9.890	330	308339	111.03	ppm	-0.04
Spiked Amount 100.000	Range 18 - 129		Recovery = 111.03%			
121) Terphenyl-d14	14.618	244	1323140	63.48	ppm	-0.05
Spiked Amount 50.000	Range 24 - 149		Recovery = 126.96%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	2.359	42	262534	38.80	ppm	# 65
5) Pyridine	2.343	79	470182m	30.39	ppm	
12) Aniline	4.392	93	680500	44.60	ppm	97
14) bis(2-Chloroethyl)ether	4.440	93	639079	34.98	ppm	88
16) Phenol	4.424	94	729386	39.59	ppm	# 79
17) 2-Chlorophenol	4.504	128	575373	41.45	ppm	98
18) 1,3-Dichlorobenzene	4.606	146	607595	38.98	ppm	100
19) 1,4-Dichlorobenzene	4.670	146	594213	36.38	ppm	99
20) 1,2-Dichlorobenzene	4.809	146	563562	38.10	ppm	99
21) Benzyl alcohol	4.804	108	417409	44.81	ppm	97
22) bis(2-chloroisopropyl)...	4.905	45	1018194	40.23	ppm	83
23) 2-Methylphenol	4.921	108	570769	42.95	ppm	# 45
28) Hexachloroethane	5.114	117	230236	38.83	ppm	98
29) N-Nitroso-di-n-propyla...	5.044	70	507267	47.36	ppm	# 58
30) 3&4-Methylphenol	5.071	108	1144791	79.83	ppm	# 31
33) Nitrobenzene	5.183	77	646530	42.85	ppm	99
36) Isophorone	5.429	82	1362652	44.96	ppm	99
37) 2-Nitrophenol	5.499	139	316815	46.40	ppm	97
38) 2,4-Dimethylphenol	5.574	107	650399	46.20	ppm	100
39) bis(2-Chloroethoxy)met...	5.643	93	734394	33.79	ppm	88
41) Benzoic Acid	5.707	105	39484	13.52	ppm	89
42) 2,4-Dichlorophenol	5.782	162	477278	46.78	ppm	99
43) 1,2,4-Trichlorobenzene	5.841	180	499504	40.44	ppm	99
44) Naphthalene	5.932	128	1740240	41.27	ppm	100
45) 4-Chloroaniline	5.996	127	525480	32.99	ppm	97
48) Hexachlorobutadiene	6.082	225	268012	41.88	ppm	99
52) 4-Chloro-3-methylphenol	6.633	107	578701	49.50	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On : 7 Sep 2010 3:29 pm
Operator : sheilac
Sample : op15932-msd
Misc : op15932,Ej923,30.44,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 16:06:47 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Methylnaphthalene	6.799	142	1216956	43.09	ppm		99
55) 1-Methylnaphthalene	6.932	142	1207279	43.54	ppm		99
58) Hexachlorocyclopentadiene	7.034	237	57043	38.35	ppm	#	94
59) 2,4,6-Trichlorophenol	7.221	196	345727	51.55	ppm		100
60) 2,4,5-Trichlorophenol	7.301	196	353483	55.67	ppm		99
64) 2-Chloronaphthalene	7.510	162	1139996	36.01	ppm		97
65) 1-Chloronaphthalene	7.510	162	1139996	59.41	ppm		99
66) 2-Nitroaniline	7.686	65	395109	41.06	ppm		85
68) Acenaphthylene	8.179	152	2006461	46.33	ppm		100
69) Dimethylphthalate	8.034	163	1524980	47.58	ppm		100
70) m-Dinitrobenzene	8.061	168	236977	47.84	ppm	#	25
71) 2,6-Dinitrotoluene	8.104	165	359178	48.04	ppm		98
72) Acenaphthene	8.489	153	1237589	44.61	ppm		100
73) 3-Nitroaniline	8.393	138	284520	41.15	ppm		95
74) 2,4-Dinitrophenol	8.574	184	73434	30.99	ppm		97
75) Dibenzofuran	8.788	168	1686368	45.50	ppm		96
76) Pentachlorobenzene	10.382	250	371708	47.31	ppm	#	99
77) 2,4-Dinitrotoluene	8.810	165	447335	48.95	ppm		92
78) 4-Nitrophenol	8.826	109	141634	54.63	ppm	#	4
81) 2,3,4,6-Tetrachlorophenol	9.050	232	296806	56.08	ppm		98
82) Fluorene	9.419	166	1457463	47.08	ppm		99
83) 4-Chlorophenyl-phenyle...	9.441	204	655309	46.98	ppm		100
84) Diethylphthalate	9.296	149	1621921	48.89	ppm		99
87) 4-Nitroaniline	9.510	138	232032	34.34	ppm		93
89) 4,6-Dinitro-2-methylph...	9.580	198	213890	49.67	ppm		98
90) n-Nitrosodiphenylamine	9.687	169	1085109	41.71	ppm		100
91) 1,2-Diphenylhydrazine	9.746	77	1654698	49.32	ppm		99
92) Diphenylamine	9.687	169	1085109	41.71	ppm		100
98) 4-Bromophenyl-phenylether	10.382	248	384003	48.57	ppm		99
100) Hexachlorobenzene	10.505	284	405402	47.18	ppm		98
104) Pentachlorophenol	10.922	266	176695	58.24	ppm		95
107) Phenanthrene	11.286	178	2097837	49.12	ppm		99
108) Anthracene	11.388	178	2111337	49.22	ppm		99
110) Carbazole	11.746	167	1821312	46.20	ppm		99
112) Di-n-butylphthalate	12.597	149	2882386	49.26	ppm		100
117) Fluoranthene	13.746	202	2214746	54.08	ppm		99
120) Pyrene	14.201	202	2236179	60.55	ppm		100
128) Butylbenzylphthalate	15.725	149	1066520	59.55	ppm		99
130) 3,3'-Dichlorobenzidine	16.758	252	173211	22.62	ppm		98
131) Benzo[a]anthracene	16.758	228	1493888	54.47	ppm		99
132) Chrysene	16.838	228	1357312	51.29	ppm		100
133) bis(2-Ethylhexyl)phtha...	17.009	149	1302526	54.06	ppm		100
135) Di-n-octylphthalate	18.304	149	1575780	47.52	ppm		99
136) Benzo[b]fluoranthene	18.892	252	926882	49.37	ppm		97
137) Benzo[k]fluoranthene	18.945	252	879711	49.38	ppm		99
140) Benzo[a]pyrene	19.475	252	694265	44.03	ppm		99
142) Indeno[1,2,3-cd]pyrene	21.732	276	599197	58.45	ppm		99
143) Dibenz[a,h]anthracene	21.780	278	513585	62.70	ppm		99
144) Benzo[g,h,i]perylene	22.347	276	453748	58.32	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On : 7 Sep 2010 3:29 pm
Operator : sheilac
Sample : op15932-msd
Misc : op15932,Ej923,30.44,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 16:06:47 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

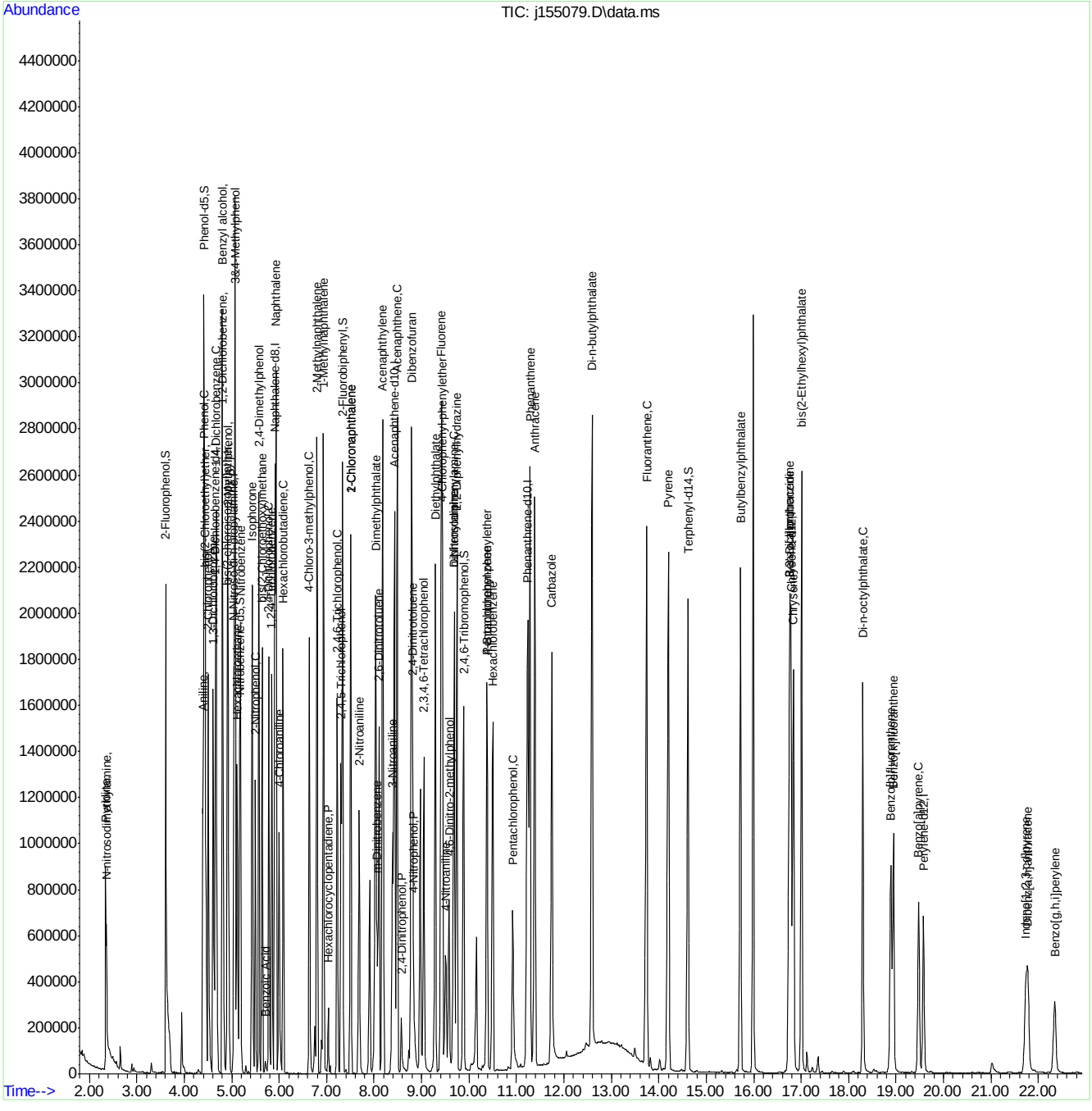
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On : 7 Sep 2010 3:29 pm
Operator : sheilac
Sample : op15932-msd
Misc : op15932,Ej923,30.44,,,1,1,soil
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 07 16:06:47 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On    :  7 Sep 2010   3:29 pm
Operator  : sheilac
Sample    : op15932-msd
Misc      : op15932,Ej923,30.44,,,1,1,soil
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 07 15:52:55 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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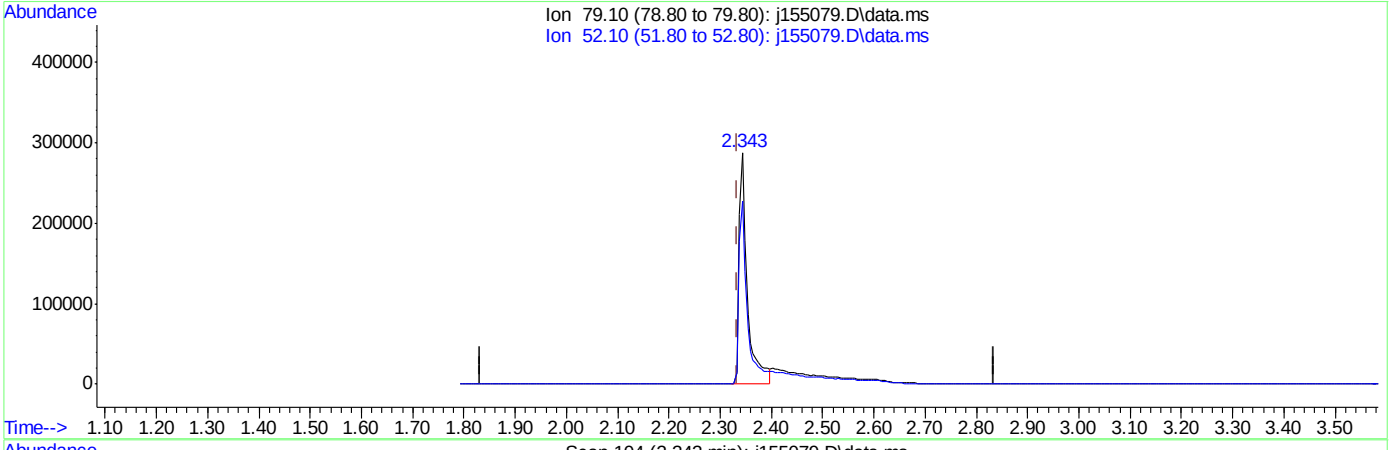

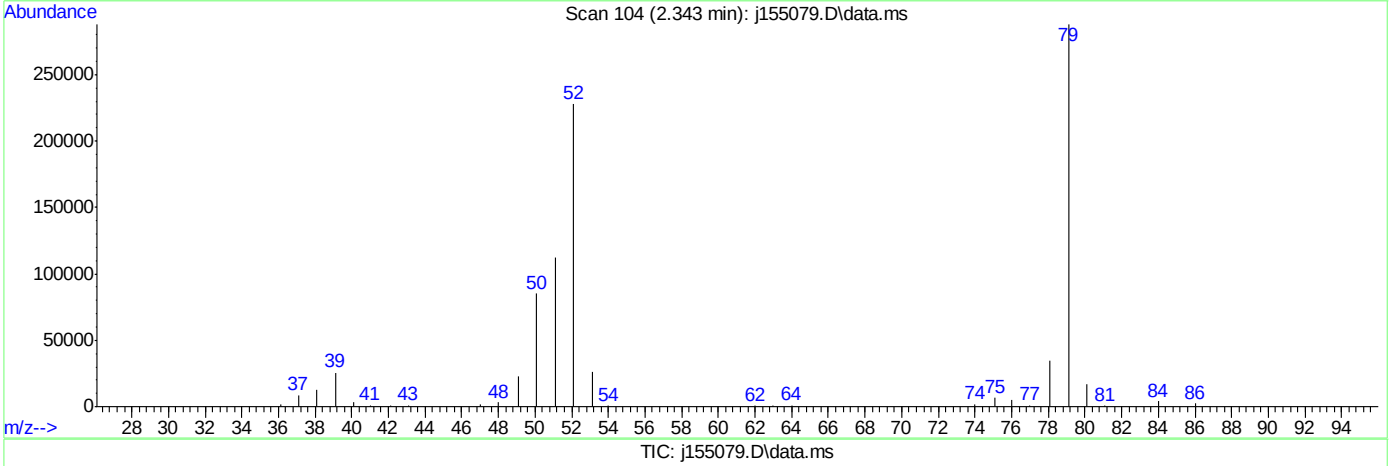

TIC: j155079.D\data.ms

(5) Pyridine ( )

2.343min (+0.009) 20.85ppm

response 322560

Ion	Exp%	Act%
79.10	100	100
52.10	36.60	105.78#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155079.D
Acq On    :  7 Sep 2010   3:29 pm
Operator  : sheilac
Sample    : op15932-msd
Misc      : op15932,Ej923,30.44,,,1,1,soil
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 07 15:52:55 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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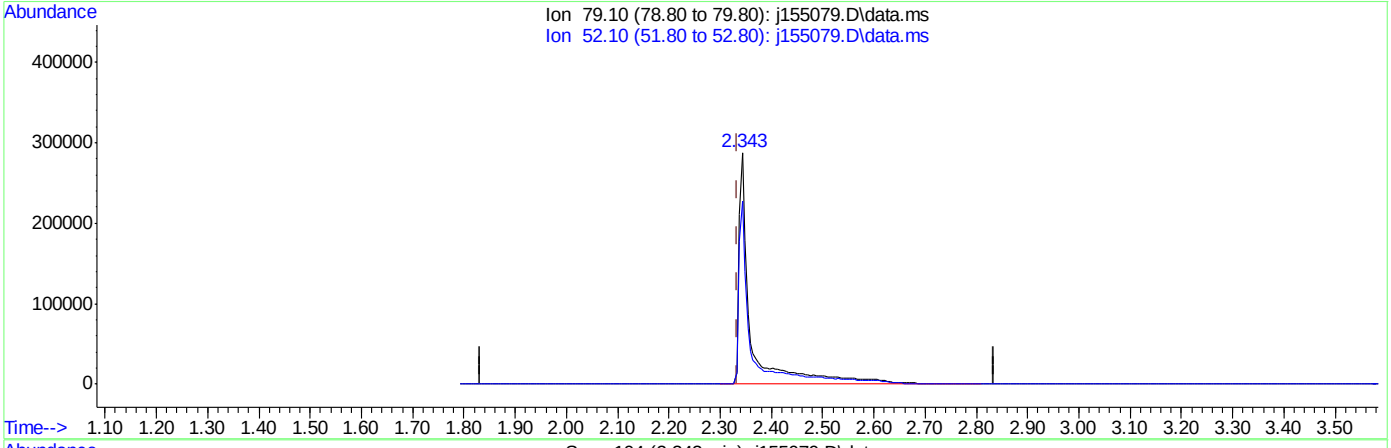
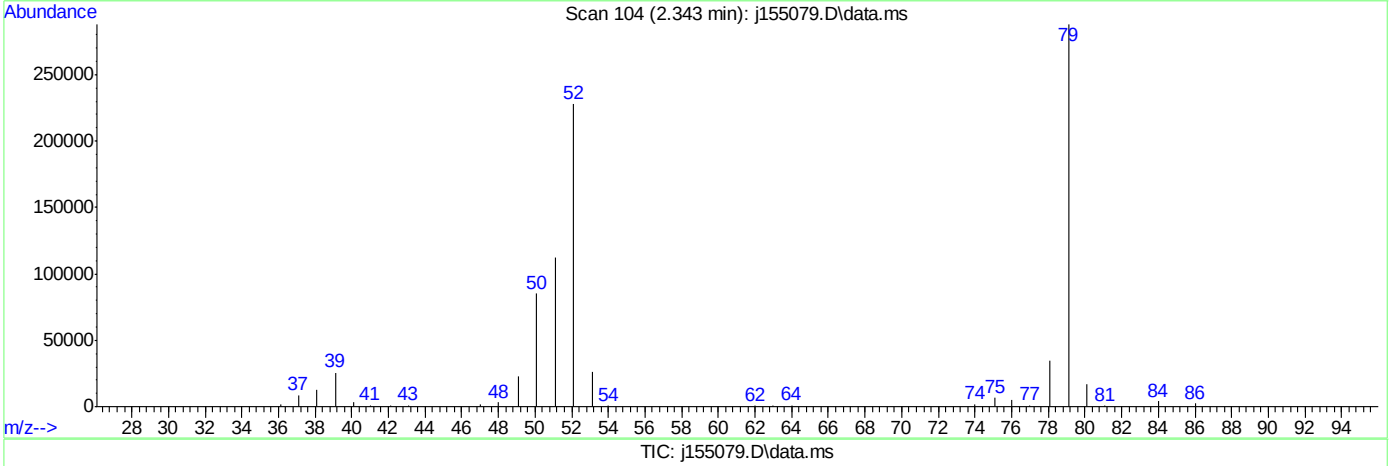




(5) Pyridine ( )

2.343min (+0.009) 30.39ppm m

response 470182

Ion	Exp%	Act%
79.10	100	100
52.10	36.60	72.57#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 17:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On : 7 Sep 2010 3:32 pm
Operator : garyj
Sample : op15935-ms
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 15:52:59 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.795	152	332412	40.00	ppm	0.00
31) Naphthalene-d8	4.784	136	1207903	40.00	ppm	-0.01
57) Acenaphthene-d10	6.737	164	819338	40.00	ppm	0.00
88) Phenanthrene-d10	9.208	188	1511732	40.00	ppm	-0.03
118) Chrysene-d12	14.492	240	1440488	40.00	ppm	-0.02
134) Perylene-d12	17.183	264	924488	40.00	ppm	-0.02
System Monitoring Compounds						
13) 2-Fluorophenol	2.784	112	452268	49.15	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 49.15%			
15) Phenol-d5	3.629	99	533432	45.40	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 45.40%			
32) Nitrobenzene-d5	4.239	82	419328	32.31	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 64.62%			
61) 2-Fluorobiphenyl	5.881	172	800483	31.71	ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 63.42%			
93) 2,4,6-Tribromophenol	8.010	330	335128	92.26	ppm	-0.03
Spiked Amount 100.000	Range 32 - 128		Recovery = 92.26%			
121) Terphenyl-d14	12.481	244	1419080	53.34	ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 106.68%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	1.361	42	132192m	26.27	ppm	
5) Pyridine	1.313	79	149714m	14.95	ppm	
12) Aniline	3.549	93	307601	19.22	ppm	98
14) bis(2-Chloroethyl)ether	3.624	93	375369	32.07	ppm	82
16) Phenol	3.640	94	293033	22.77	ppm	87
17) 2-Chlorophenol	3.661	128	318400	31.40	ppm	99
18) 1,3-Dichlorobenzene	3.741	146	370513	30.27	ppm	99
19) 1,4-Dichlorobenzene	3.806	146	380979	30.16	ppm	99
20) 1,2-Dichlorobenzene	3.923	146	373276	31.16	ppm	100
21) Benzyl alcohol	3.950	108	224564	29.77	ppm	99
22) bis(2-chloroisopropyl)...	4.052	45	646924	30.62	ppm	98
23) 2-Methylphenol	4.084	108	319519	29.93	ppm #	17
28) Hexachloroethane	4.180	117	161300	33.37	ppm	92
29) N-Nitroso-di-n-propyla...	4.169	70	312791	36.54	ppm	97
30) 3&4-Methylphenol	4.212	108	611473	57.27	ppm	97
33) Nitrobenzene	4.255	77	437500	34.86	ppm	99
36) Isophorone	4.458	82	822198	32.77	ppm	100
37) 2-Nitrophenol	4.501	139	173845	33.77	ppm	98
38) 2,4-Dimethylphenol	4.597	107	374167	32.28	ppm	99
39) bis(2-Chloroethoxy)met...	4.640	93	475455	30.73	ppm	93
41) Benzoic Acid	4.752	105	125467	45.63	ppm	99
42) 2,4-Dichlorophenol	4.726	162	298160	34.15	ppm	99
43) 1,2,4-Trichlorobenzene	4.747	180	338468	31.38	ppm	100
44) Naphthalene	4.806	128	1009770	32.41	ppm	100
45) 4-Chloroaniline	4.875	127	264376	20.77	ppm	94
48) Hexachlorobutadiene	4.934	225	220805	32.75	ppm	99
52) 4-Chloro-3-methylphenol	5.394	107	365826	35.91	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On : 7 Sep 2010 3:32 pm
Operator : garyj
Sample : op15935-ms
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 15:52:59 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

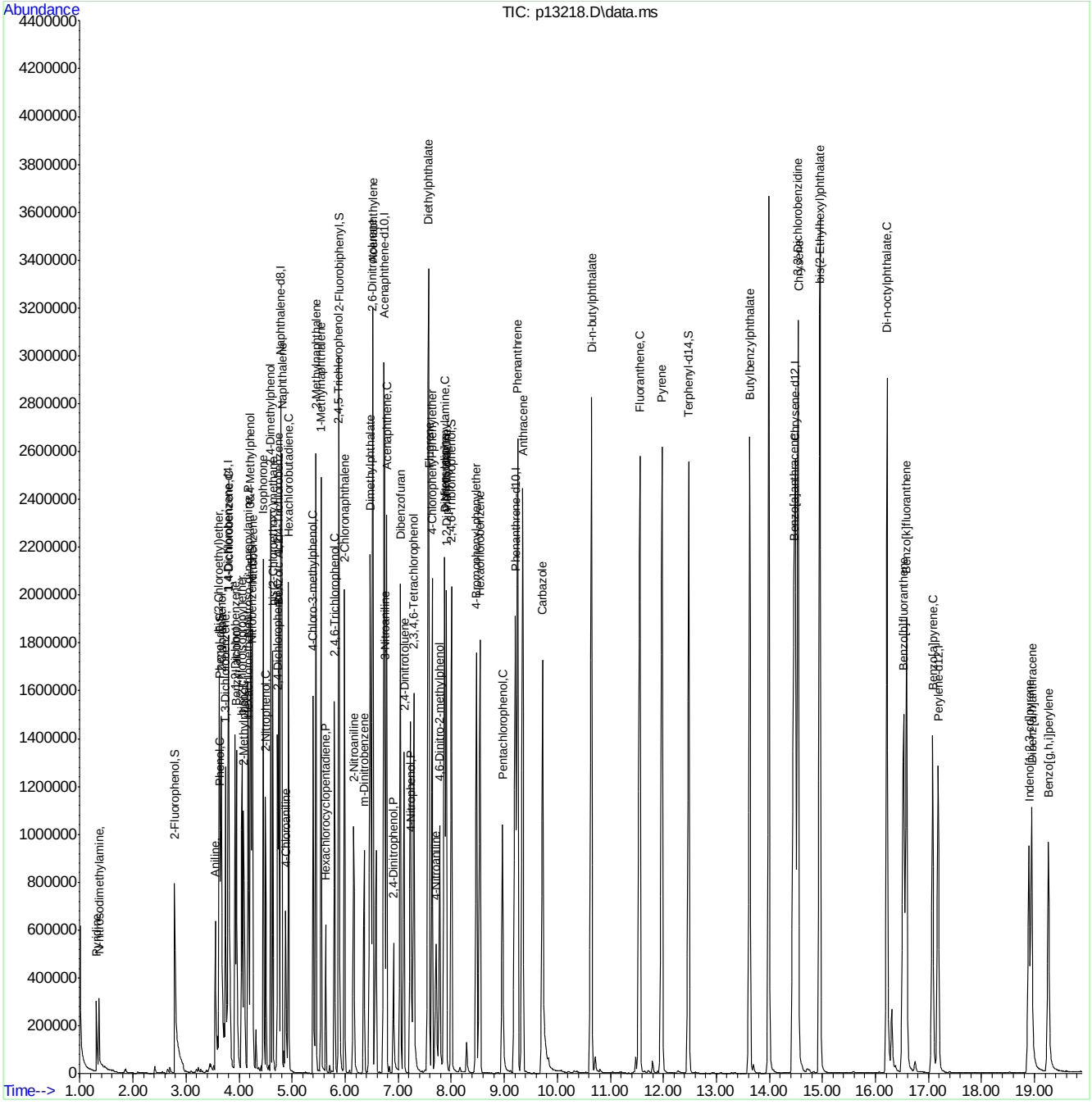
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54)	2-Methylnaphthalene	5.448	142	736905	32.31	ppm		99
55)	1-Methylnaphthalene	5.549	142	724586	33.36	ppm		100
58)	Hexachlorocyclopentadiene	5.635	237	89755	45.06	ppm	#	100
59)	2,4,6-Trichlorophenol	5.801	196	237349	37.73	ppm		99
60)	2,4,5-Trichlorophenol	5.875	196	237677	40.51	ppm		100
64)	2-Chloronaphthalene	5.993	162	710657	36.24	ppm	#	100
66)	2-Nitroaniline	6.164	65	318728	40.03	ppm		98
68)	Acenaphthylene	6.523	152	1230598	36.58	ppm		99
69)	Dimethylphthalate	6.475	163	1110779	42.61	ppm		100
70)	m-Dinitrobenzene	6.357	168	169071	43.43	ppm		100
71)	2,6-Dinitrotoluene	6.517	165	238075	41.30	ppm	#	80
72)	Acenaphthene	6.785	153	784036	35.58	ppm		100
73)	3-Nitroaniline	6.747	138	191862	34.43	ppm		99
74)	2,4-Dinitrophenol	6.913	184	122232	46.23	ppm		99
75)	Dibenzofuran	7.041	168	1156307	37.78	ppm		99
77)	2,4-Dinitrotoluene	7.116	165	400160	49.98	ppm		99
78)	4-Nitrophenol	7.239	109	86629	26.65	ppm	#	85
81)	2,3,4,6-Tetrachlorophenol	7.298	232	263591	49.18	ppm		98
82)	Fluorene	7.582	166	989035	38.48	ppm		99
83)	4-Chlorophenyl-phenyle...	7.641	204	507223	39.14	ppm		100
84)	Diethylphthalate	7.571	149	1312118	46.20	ppm		100
87)	4-Nitroaniline	7.715	138	267912m	43.17	ppm		
89)	4,6-Dinitro-2-methylph...	7.785	198	212923	55.84	ppm		98
90)	n-Nitrosodiphenylamine	7.876	169	855025	42.44	ppm		99
91)	1,2-Diphenylhydrazine	7.908	77	1423193	44.38	ppm		99
92)	Diphenylamine	7.876	169	855025	42.44	ppm		99
98)	4-Bromophenyl-phenylether	8.475	248	327439	41.82	ppm		98
100)	Hexachlorobenzene	8.544	284	384312	45.77	ppm		97
104)	Pentachlorophenol	8.967	266	201125	56.01	ppm		99
107)	Phenanthrene	9.256	178	1781250	49.62	ppm		97
108)	Anthracene	9.352	178	1784926	48.51	ppm		100
110)	Carbazole	9.726	167	1695273	46.41	ppm		99
112)	Di-n-butylphthalate	10.646	149	2733236	53.01	ppm		100
117)	Fluoranthene	11.561	202	2258852	53.37	ppm		100
120)	Pyrene	11.978	202	2305283	51.34	ppm		100
128)	Butylbenzylphthalate	13.636	149	1258622	55.35	ppm		99
130)	3,3'-Dichlorobenzidine	14.540	252	355874	31.24	ppm		99
131)	Benzo[a]anthracene	14.460	228	1944498	52.55	ppm		100
132)	Chrysene	14.546	228	1794927	53.17	ppm		99
133)	bis(2-Ethylhexyl)phtha...	14.952	149	1832155	58.71	ppm		100
135)	Di-n-octylphthalate	16.220	149	2599132	49.64	ppm		99
136)	Benzo[b]fluoranthene	16.530	252	1495388	50.18	ppm		96
137)	Benzo[k]fluoranthene	16.589	252	1455809	56.79	ppm		100
140)	Benzo[a]pyrene	17.081	252	1146965	46.08	ppm		99
142)	Indeno[1,2,3-cd]pyrene	18.894	276	801441	46.67	ppm		99
143)	Dibenz[a,h]anthracene	18.948	278	891670	54.29	ppm		97
144)	Benzo[g,h,i]perylene	19.263	276	846812	46.48	ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On : 7 Sep 2010 3:32 pm
Operator : garyj
Sample : op15935-ms
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 07 15:52:59 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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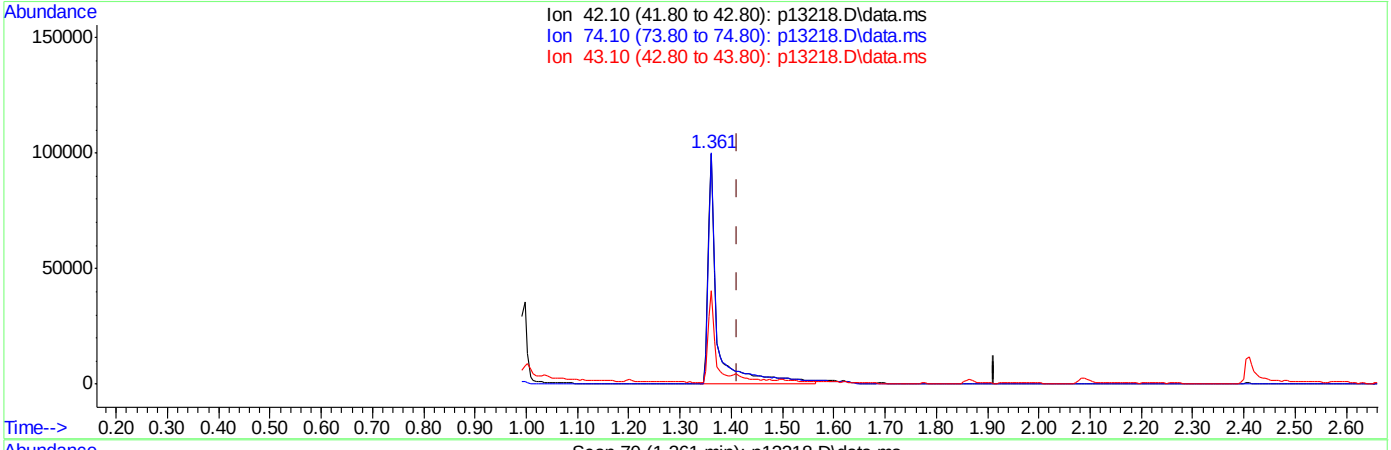

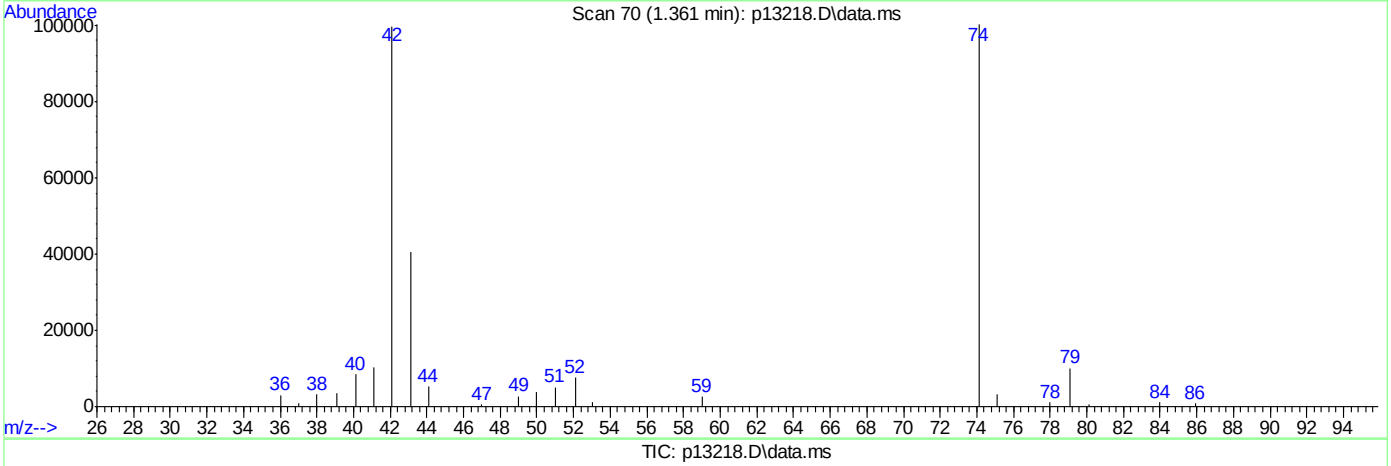

TIC: p13218.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 24.93ppm

response 125415

Ion	Exp%	Act%
42.10	100	100
74.10	97.60	102.89
43.10	31.90	28.86
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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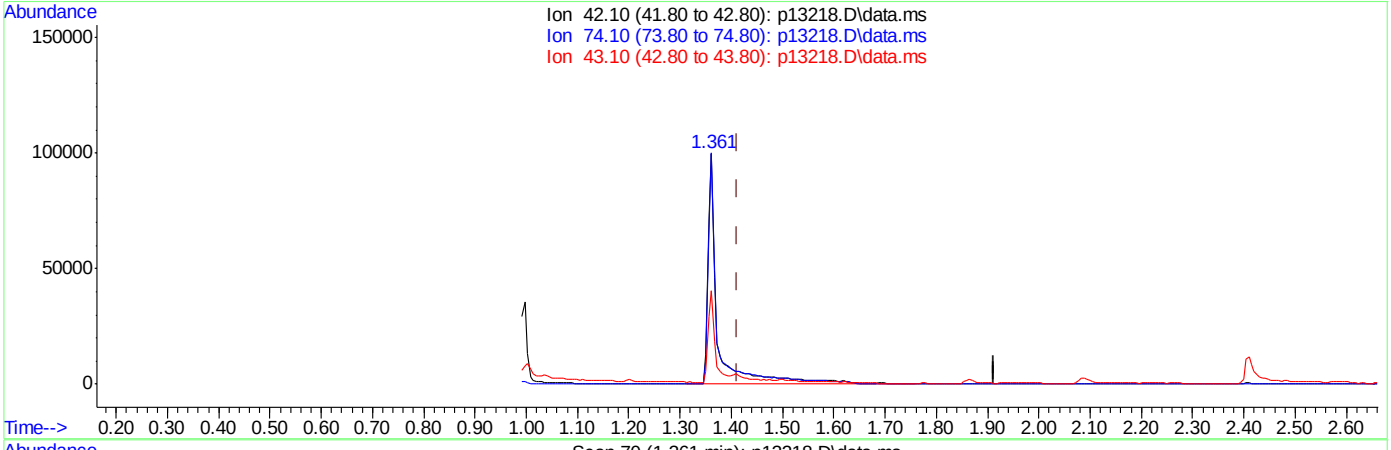
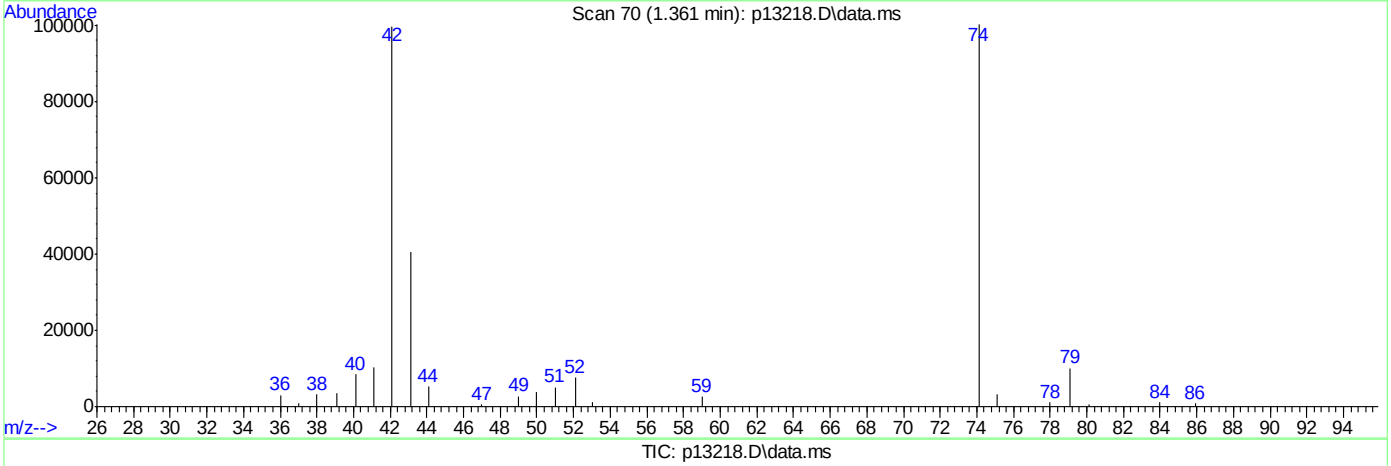




TIC: p13218.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 26.27ppm m

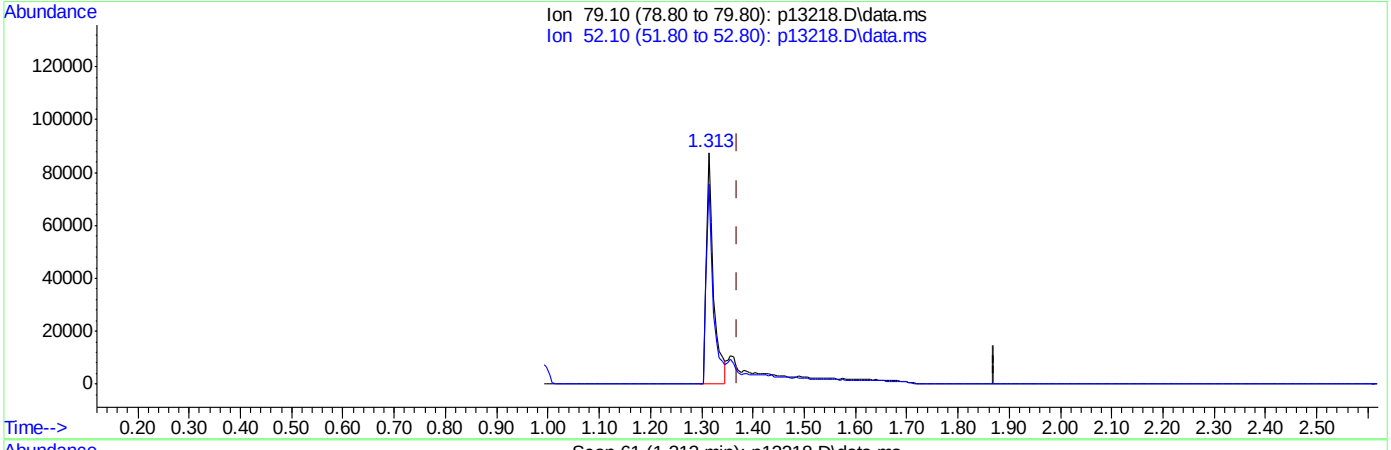
response 132192

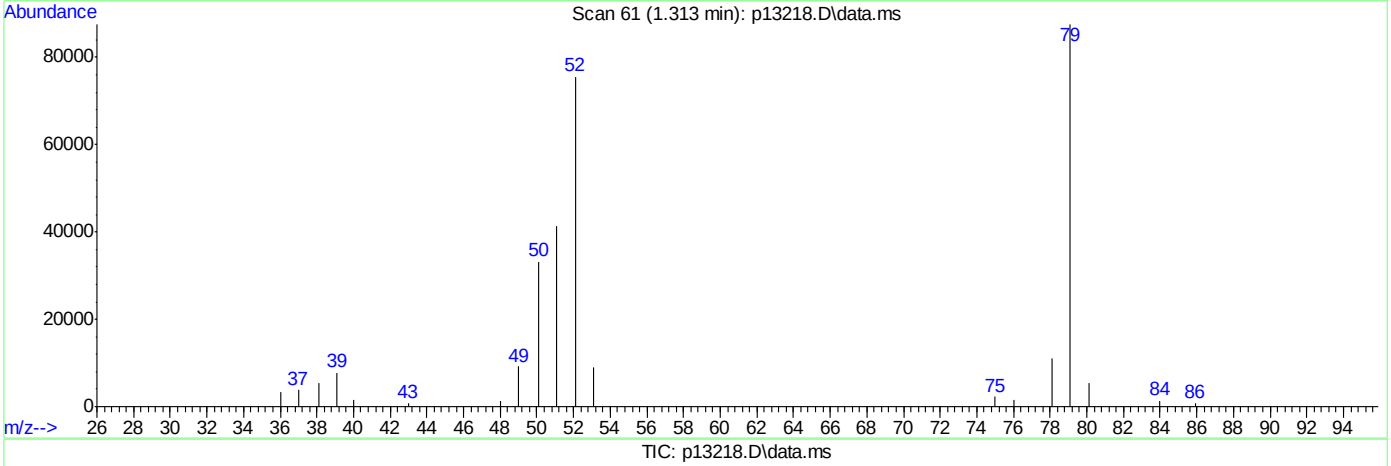
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	97.61
43.10	31.90	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13218.D\data.ms

(5) Pyridine ( )

1.313min (-0.057) 8.65ppm

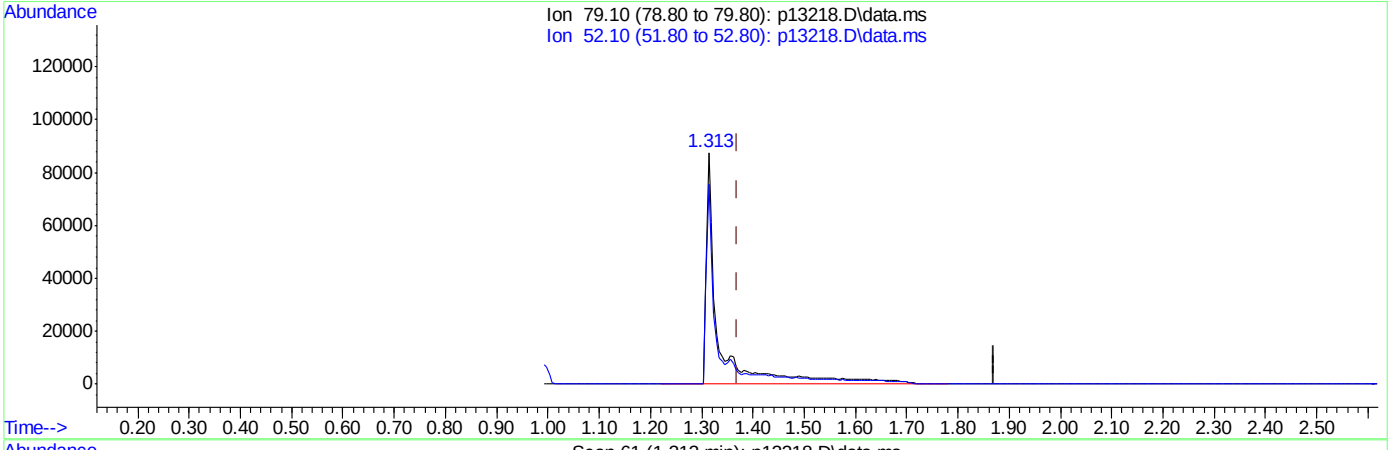
response 86563

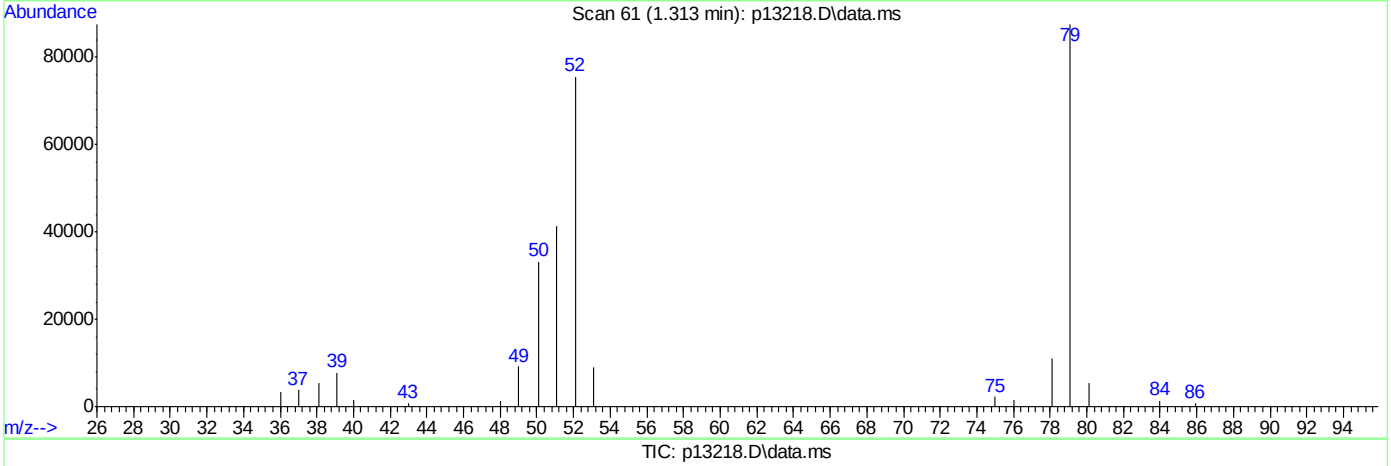
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	85.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13218.D\data.ms

(5) Pyridine ( )

1.313min (-0.057) 14.95ppm m

response 149714

Ion	Exp%	Act%
79.10	100	100
52.10	62.20	49.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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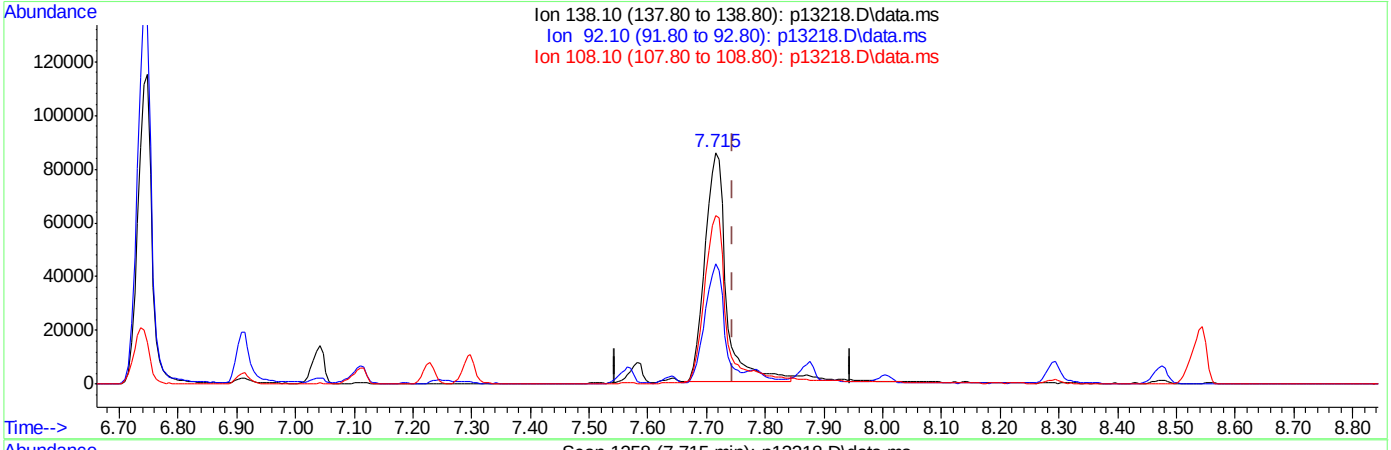

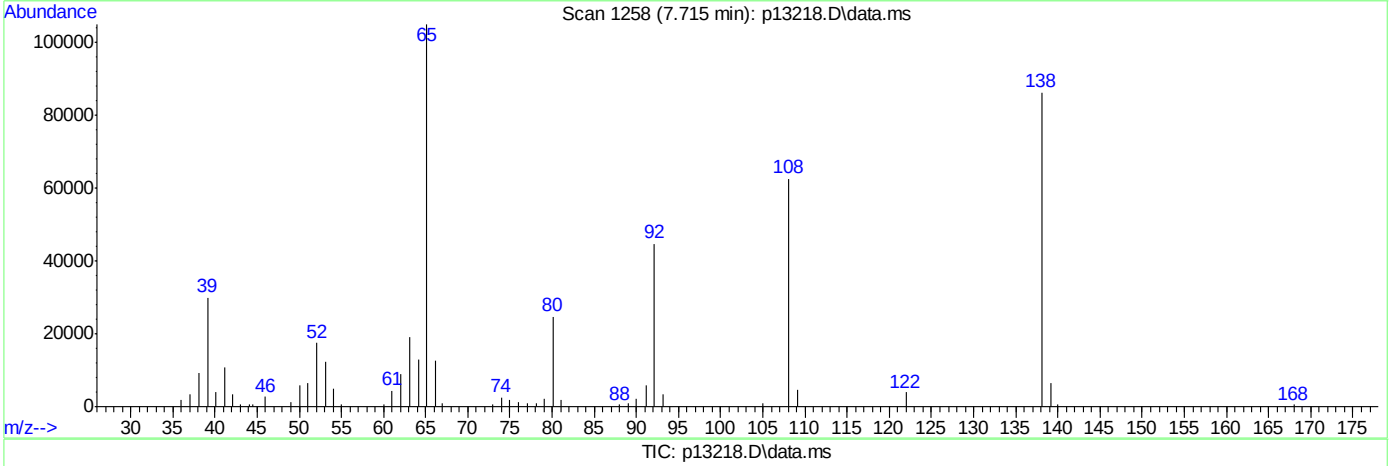

TIC: p13218.D\data.ms

(87) 4-Nitroaniline

7.715min (-0.030) 34.56ppm

response 214452

Ion	Exp%	Act%
138.10	100	100
92.10	53.30	47.29
108.10	76.00	75.50
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13218.D
Acq On    :  7 Sep 2010   3:32 pm
Operator  : garyj
Sample    : op15935-ms
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 17   Sample Multiplier: 1

Quant Time: Sep 07 15:52:02 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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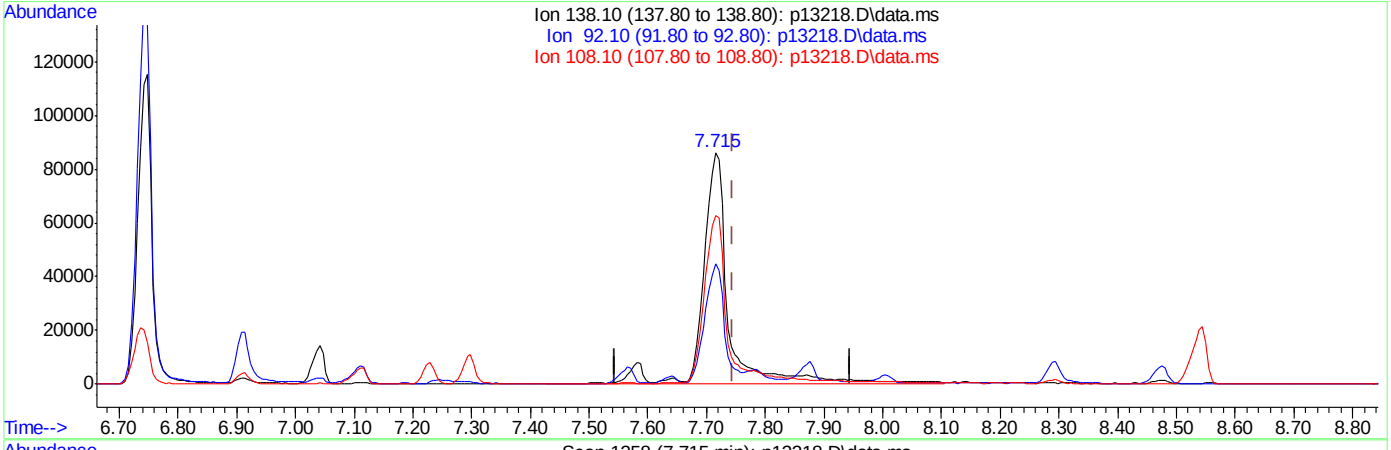
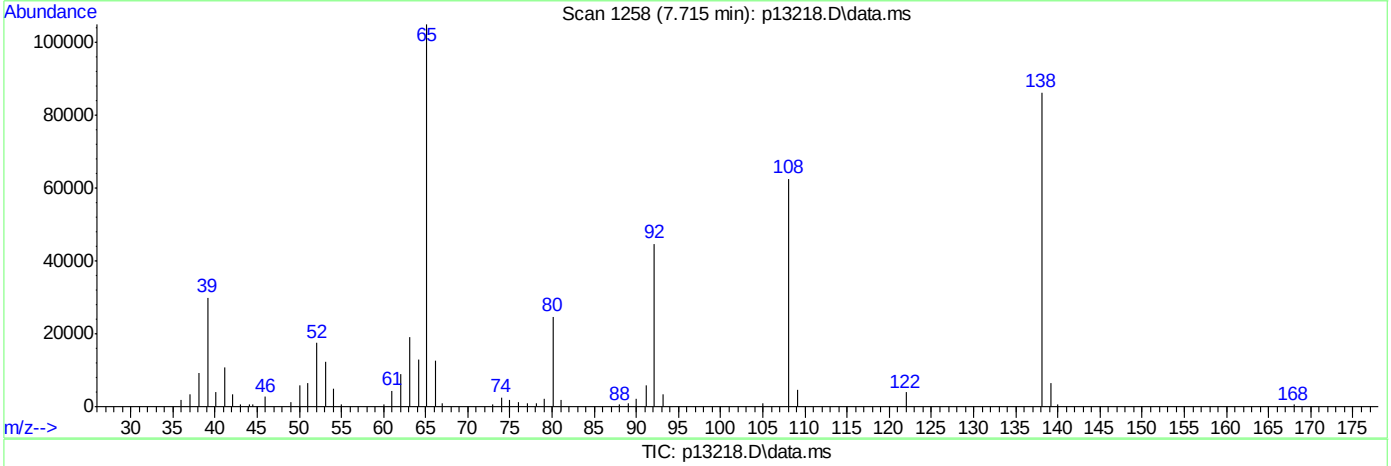




TIC: p13218.D\data.ms

(87) 4-Nitroaniline

7.715min (-0.030) 43.17ppm m

response 267912

Ion	Exp%	Act%
138.10	100	100
92.10	53.30	37.86
108.10	76.00	60.43
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 17:39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On : 7 Sep 2010 3:57 pm
Operator : garyj
Sample : op15935-msd
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 16:18:20 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.789	152	310049	40.00	ppm	0.00
31) Naphthalene-d8	4.790	136	1148447	40.00	ppm	0.00
57) Acenaphthene-d10	6.737	164	786201	40.00	ppm	0.00
88) Phenanthrene-d10	9.208	188	1437370	40.00	ppm	-0.03
118) Chrysene-d12	14.492	240	1353017	40.00	ppm	-0.02
134) Perylene-d12	17.182	264	874978	40.00	ppm	-0.02
System Monitoring Compounds						
13) 2-Fluorophenol	2.784	112	393275	45.82	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 45.82%			
15) Phenol-d5	3.629	99	493903	45.07	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 45.07%			
32) Nitrobenzene-d5	4.239	82	386524	31.05	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 62.10%			
61) 2-Fluorobiphenyl	5.881	172	780121	32.26	ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 64.52%			
93) 2,4,6-Tribromophenol	8.010	330	328775	95.14	ppm	-0.03
Spiked Amount 100.000	Range 32 - 128		Recovery = 95.14%			
121) Terphenyl-d14	12.481	244	1310393	52.43	ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 104.86%			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	1.361	42	116904m	24.91	ppm	
5) Pyridine	1.313	79	126324m	13.53	ppm	
12) Aniline	3.549	93	265072	17.76	ppm	98
14) bis(2-Chloroethyl)ether	3.624	93	354280	32.45	ppm	81
16) Phenol	3.645	94	269511	22.45	ppm	91
17) 2-Chlorophenol	3.661	128	287055	30.35	ppm	100
18) 1,3-Dichlorobenzene	3.741	146	323006	28.29	ppm	99
19) 1,4-Dichlorobenzene	3.805	146	333486	28.30	ppm	100
20) 1,2-Dichlorobenzene	3.923	146	329047	29.45	ppm	100
21) Benzyl alcohol	3.950	108	215140	30.58	ppm	98
22) bis(2-chloroisopropyl)...	4.052	45	591809	29.93	ppm	98
23) 2-Methylphenol	4.089	108	295838	29.71	ppm #	19
28) Hexachloroethane	4.180	117	141494	31.08	ppm	92
29) N-Nitroso-di-n-propyla...	4.164	70	294748	36.91	ppm	97
30) 3&4-Methylphenol	4.212	108	583103	58.55	ppm	97
33) Nitrobenzene	4.255	77	410907	34.38	ppm	99
36) Isophorone	4.458	82	799547	33.52	ppm	100
37) 2-Nitrophenol	4.501	139	166886	34.10	ppm	98
38) 2,4-Dimethylphenol	4.597	107	331420	30.07	ppm	99
39) bis(2-Chloroethoxy)met...	4.640	93	450919	30.66	ppm	92
41) Benzoic Acid	4.758	105	134184	48.80	ppm	99
42) 2,4-Dichlorophenol	4.725	162	288584	34.76	ppm	99
43) 1,2,4-Trichlorobenzene	4.747	180	308093	30.04	ppm	100
44) Naphthalene	4.800	128	937569	31.54	ppm	100
45) 4-Chloroaniline	4.875	127	281366	23.25	ppm	93
48) Hexachlorobutadiene	4.934	225	198739	31.01	ppm	99
52) 4-Chloro-3-methylphenol	5.394	107	373632	38.57	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On : 7 Sep 2010 3:57 pm
Operator : garyj
Sample : op15935-msd
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 07 16:18:20 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

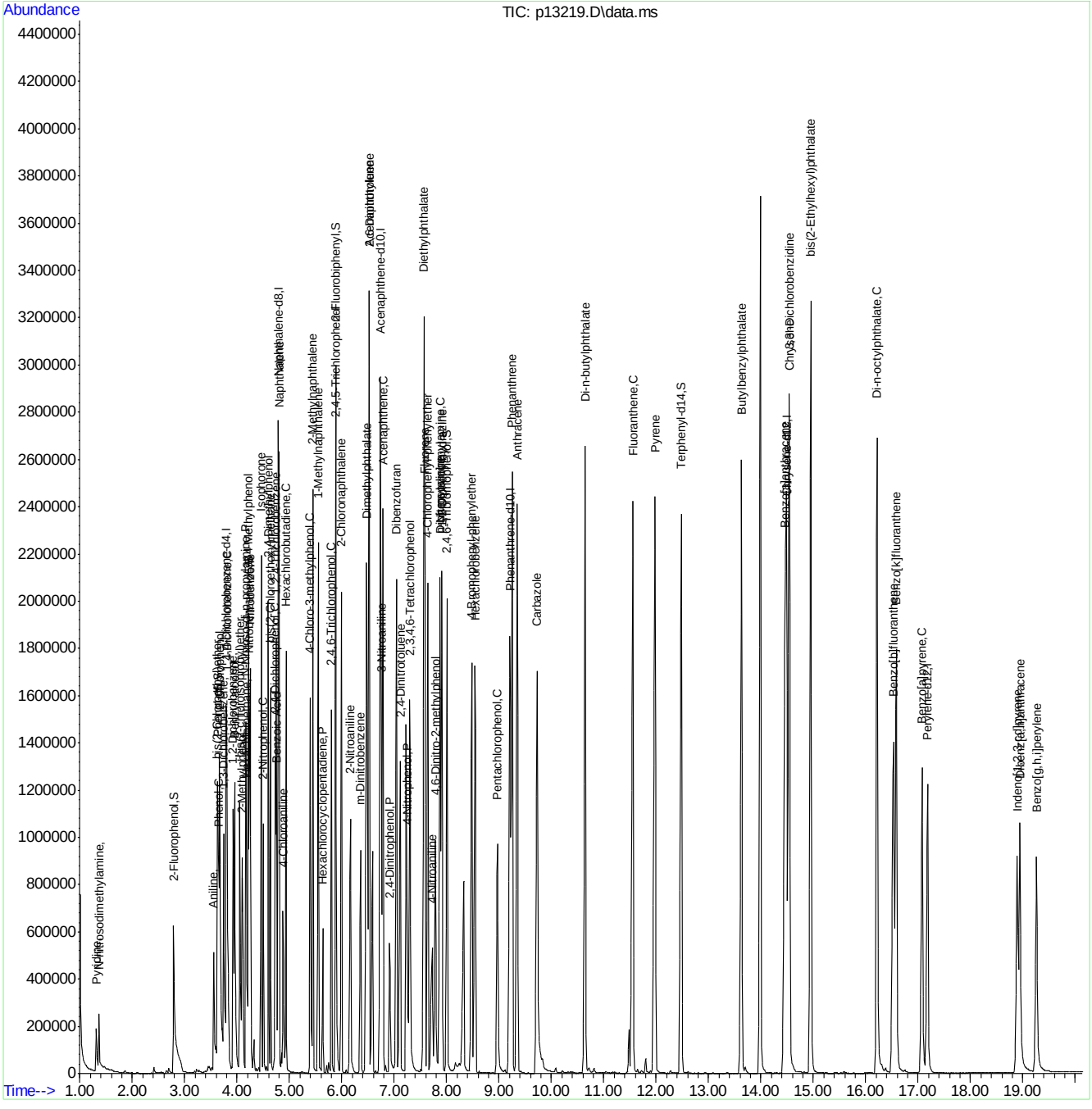
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Methylnaphthalene	5.448	142	704932	32.51	ppm		99
55) 1-Methylnaphthalene	5.549	142	694493	33.63	ppm		100
58) Hexachlorocyclopentadiene	5.635	237	92059	47.19	ppm	#	100
59) 2,4,6-Trichlorophenol	5.801	196	242151	40.12	ppm		99
60) 2,4,5-Trichlorophenol	5.875	196	246149	43.72	ppm		100
64) 2-Chloronaphthalene	5.988	162	695323	37.06	ppm	#	100
66) 2-Nitroaniline	6.164	65	335903	43.97	ppm		99
68) Acenaphthylene	6.523	152	1227220	38.27	ppm		99
69) Dimethylphthalate	6.474	163	1148006	45.89	ppm		100
70) m-Dinitrobenzene	6.357	168	175007	46.85	ppm		99
71) 2,6-Dinitrotoluene	6.523	165	242438	43.83	ppm	#	77
72) Acenaphthene	6.785	153	787361	37.53	ppm		100
73) 3-Nitroaniline	6.753	138	202402	37.86	ppm		85
74) 2,4-Dinitrophenol	6.913	184	125724	48.98	ppm		98
75) Dibenzofuran	7.041	168	1168677	39.79	ppm		99
77) 2,4-Dinitrotoluene	7.116	165	387124	50.39	ppm		100
78) 4-Nitrophenol	7.239	109	82939	26.59	ppm	#	90
81) 2,3,4,6-Tetrachlorophenol	7.298	232	267424	51.76	ppm		97
82) Fluorene	7.582	166	1010603	41.44	ppm		99
83) 4-Chlorophenyl-phenyle...	7.640	204	518501	41.70	ppm		100
84) Diethylphthalate	7.571	149	1294192	47.82	ppm		100
87) 4-Nitroaniline	7.721	138	254113m	42.68	ppm		
89) 4,6-Dinitro-2-methylph...	7.785	198	210755	57.86	ppm		97
90) n-Nitrosodiphenylamine	7.876	169	818106	42.74	ppm		99
91) 1,2-Diphenylhydrazine	7.908	77	1444473	47.37	ppm		99
92) Diphenylamine	7.876	169	818106	42.74	ppm		99
98) 4-Bromophenyl-phenylether	8.480	248	324835	43.63	ppm		98
100) Hexachlorobenzene	8.544	284	373915	46.83	ppm		97
104) Pentachlorophenol	8.967	266	188720	55.38	ppm		99
107) Phenanthrene	9.256	178	1712953	50.32	ppm		97
108) Anthracene	9.352	178	1706123	48.83	ppm		100
110) Carbazole	9.726	167	1618897	46.61	ppm		99
112) Di-n-butylphthalate	10.646	149	2594509	52.89	ppm		100
117) Fluoranthene	11.556	202	2092642	51.61	ppm		100
120) Pyrene	11.978	202	2159081	51.19	ppm		99
128) Butylbenzylphthalate	13.631	149	1176848	55.10	ppm		99
130) 3,3'-Dichlorobenzidine	14.540	252	296770	27.74	ppm		99
131) Benzo[a]anthracene	14.465	228	1804073	51.91	ppm		99
132) Chrysene	14.546	228	1648332	51.99	ppm		99
133) bis(2-Ethylhexyl)phtha...	14.952	149	1676187	57.18	ppm		100
135) Di-n-octylphthalate	16.220	149	2512378	51.05	ppm		99
136) Benzo[b]fluoranthene	16.530	252	1357980m	48.14	ppm		
137) Benzo[k]fluoranthene	16.589	252	1420841	59.48	ppm		100
140) Benzo[a]pyrene	17.075	252	1080674	45.87	ppm		99
142) Indeno[1,2,3-cd]pyrene	18.894	276	775097	47.78	ppm		99
143) Dibenz[a,h]anthracene	18.948	278	861663	55.43	ppm		97
144) Benzo[g,h,i]perylene	19.263	276	811532	47.24	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On : 7 Sep 2010 3:57 pm
Operator : garyj
Sample : op15935-msd
Misc : op15935,Ep624,500,,,1,1,water
ALS Vial : 18 Sample Multiplier: 1

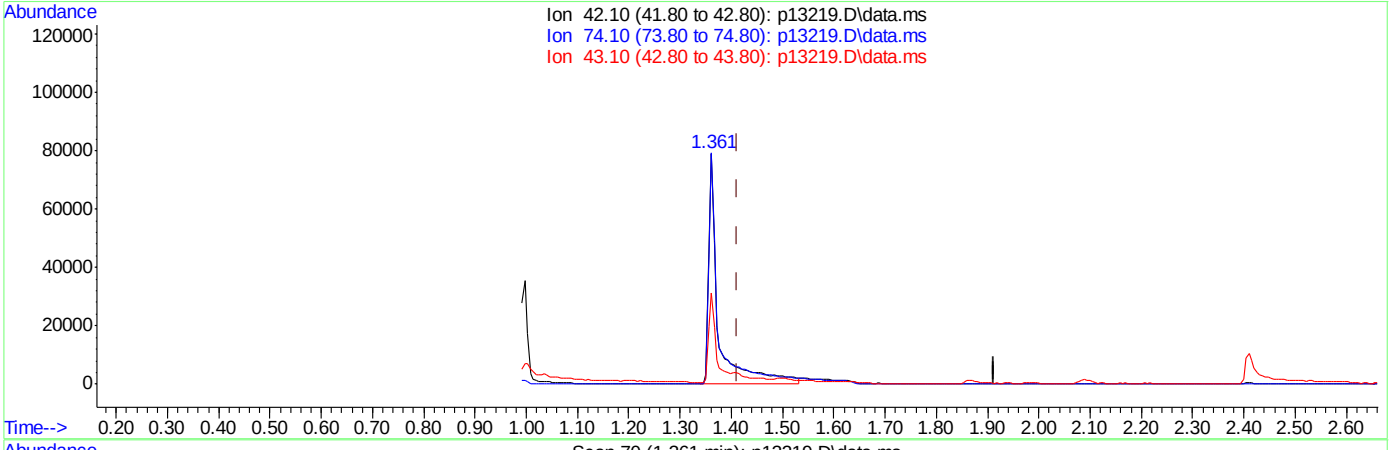
Quant Time: Sep 07 16:18:20 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

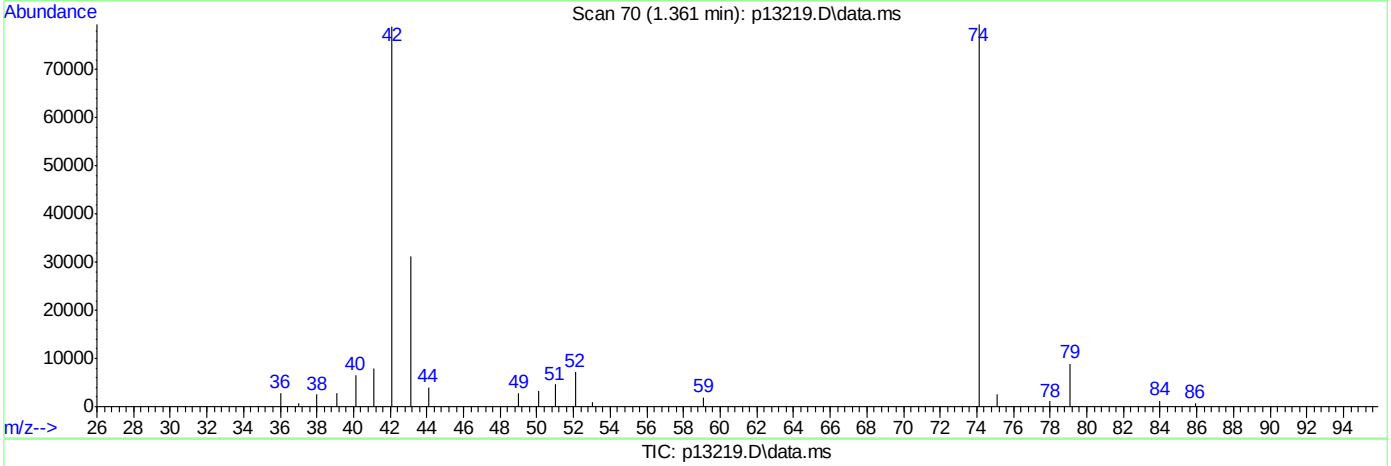


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 22.78ppm

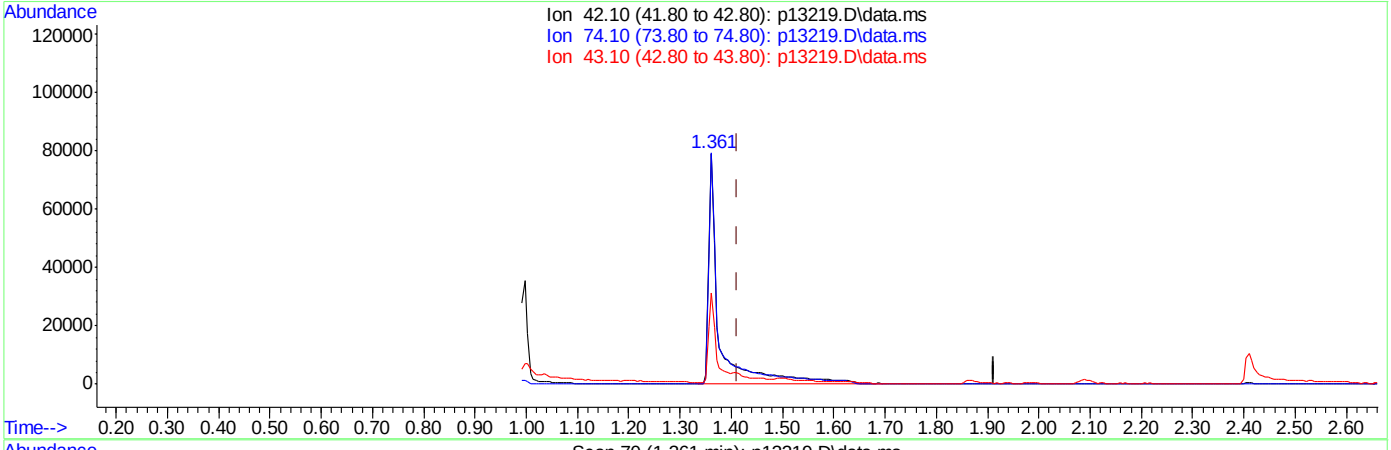
response 106879

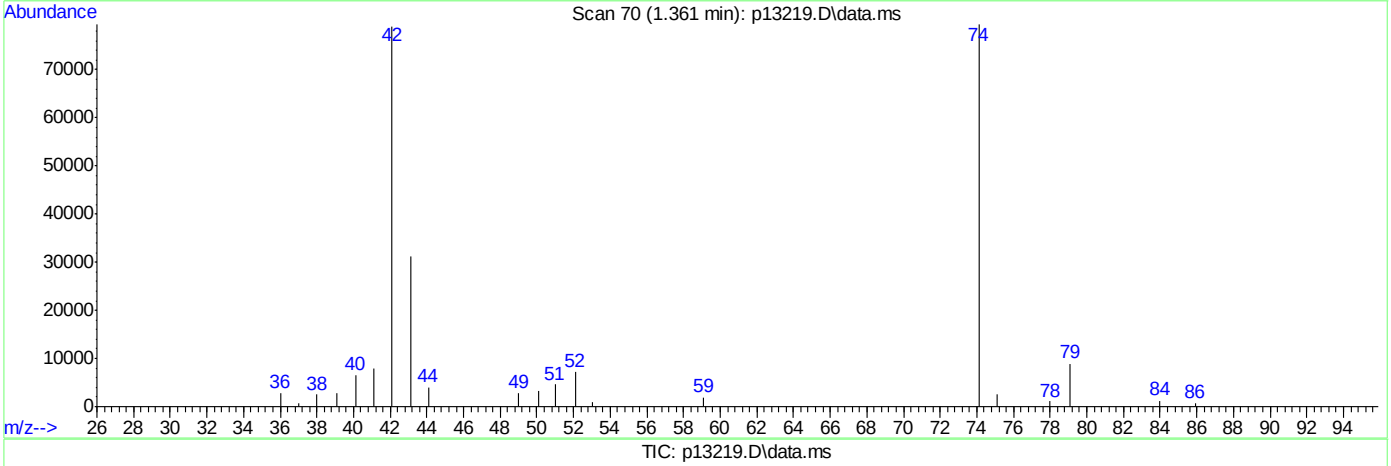
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	105.34
43.10	31.90	28.97
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 24.91ppm m

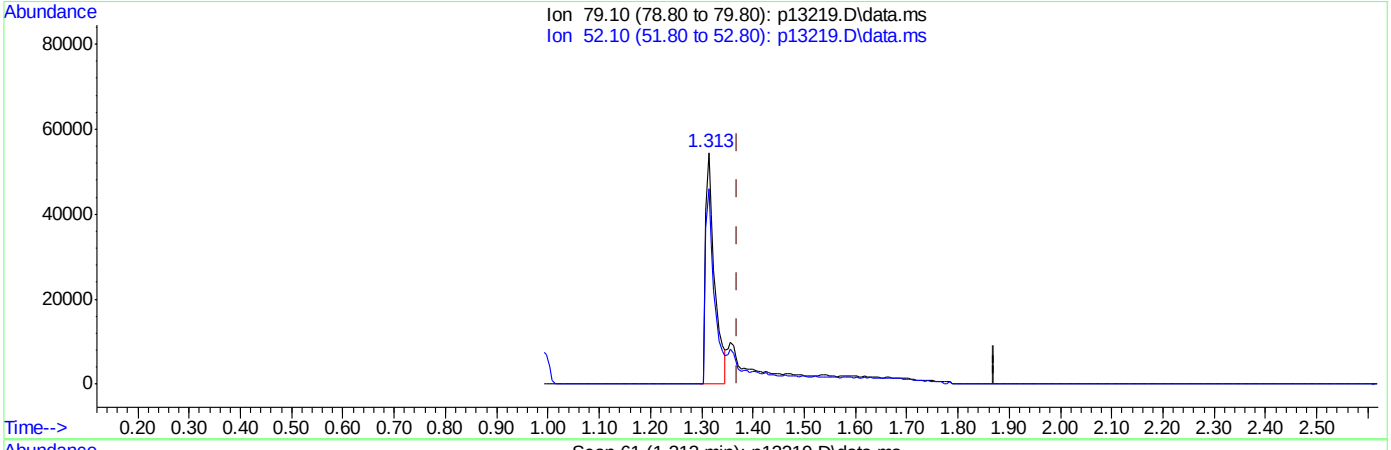
response 116904

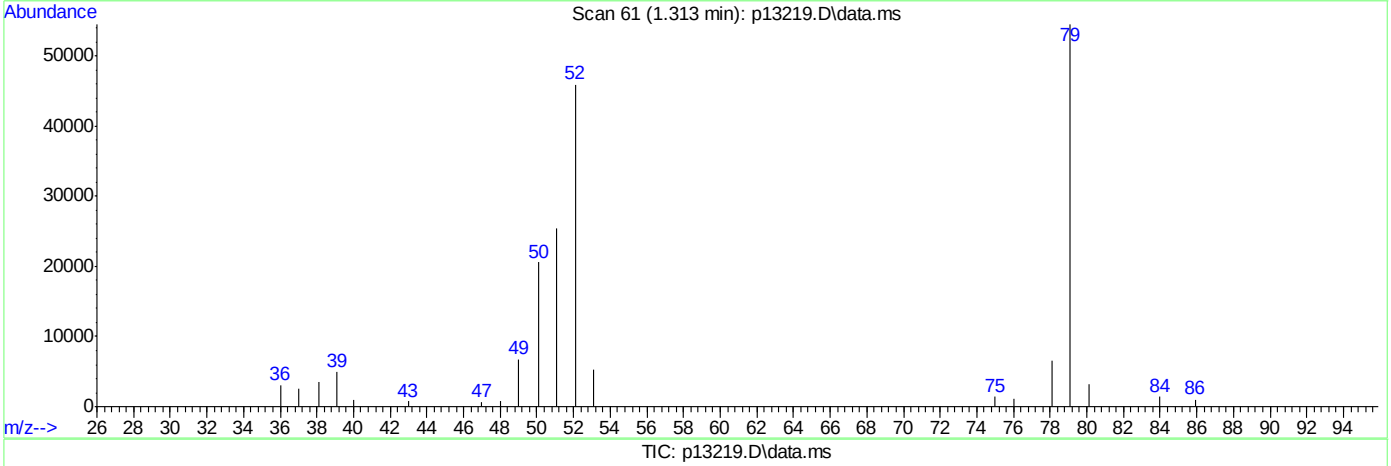
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	96.31
43.10	31.90	26.48
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(5) Pyridine ( )

1.313min (-0.057) 7.20ppm

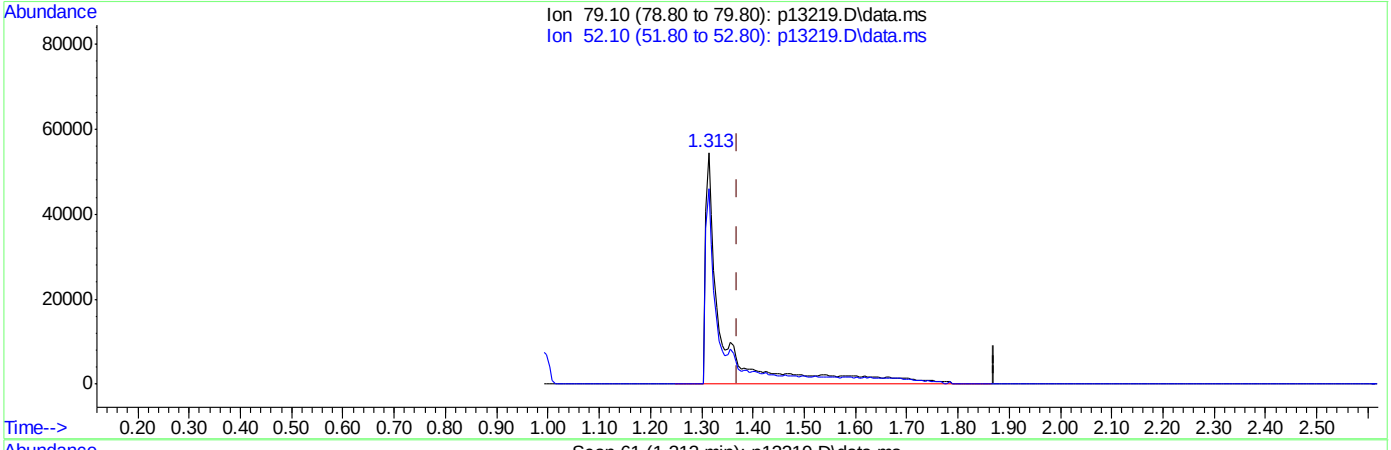
response 67196

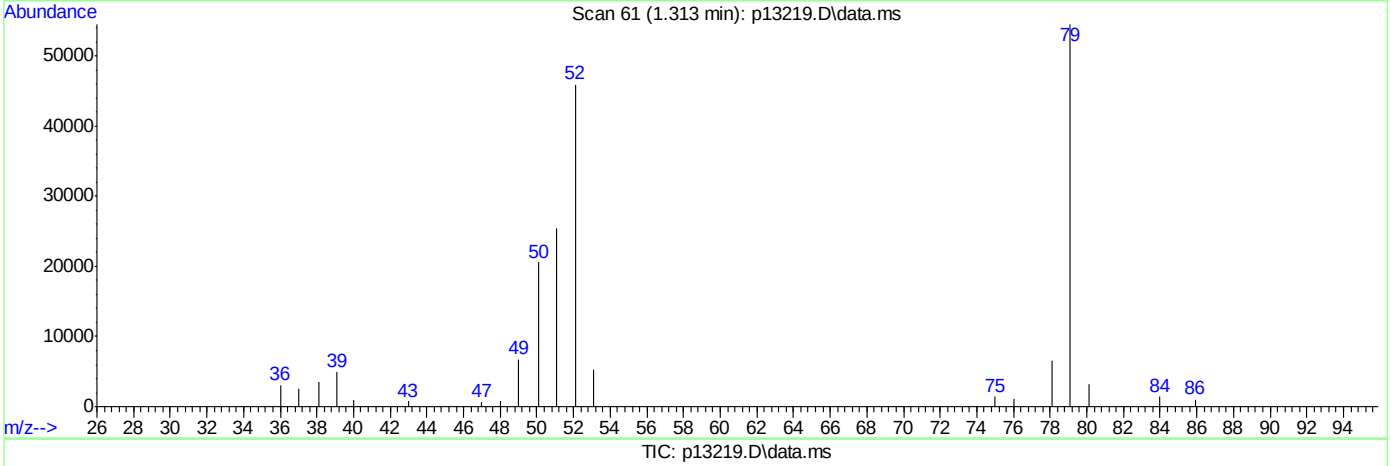
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	84.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(5) Pyridine ( )

1.313min (-0.057) 13.53ppm m

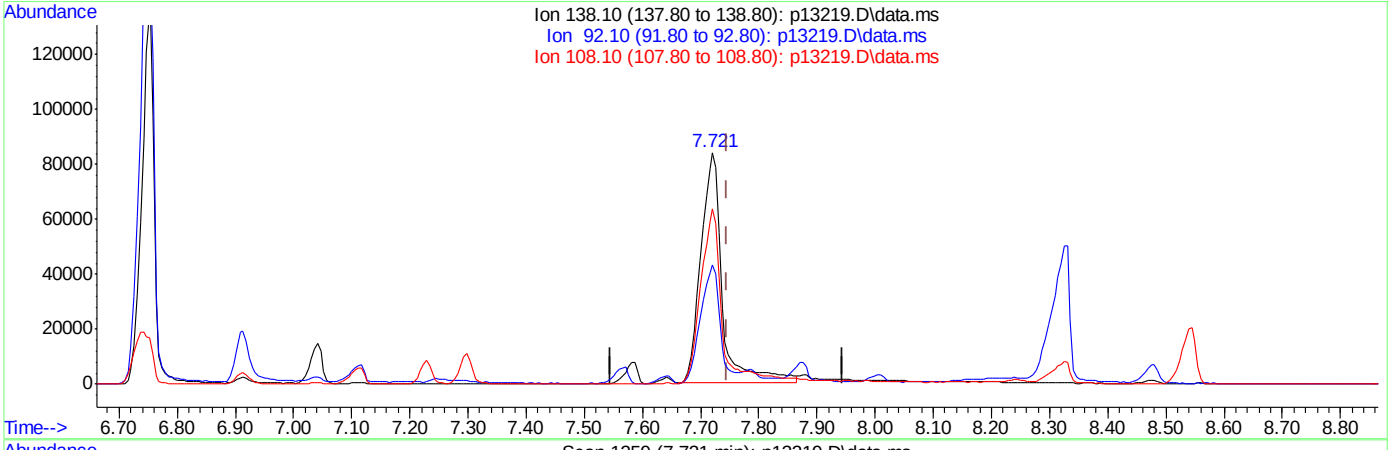
response 126324

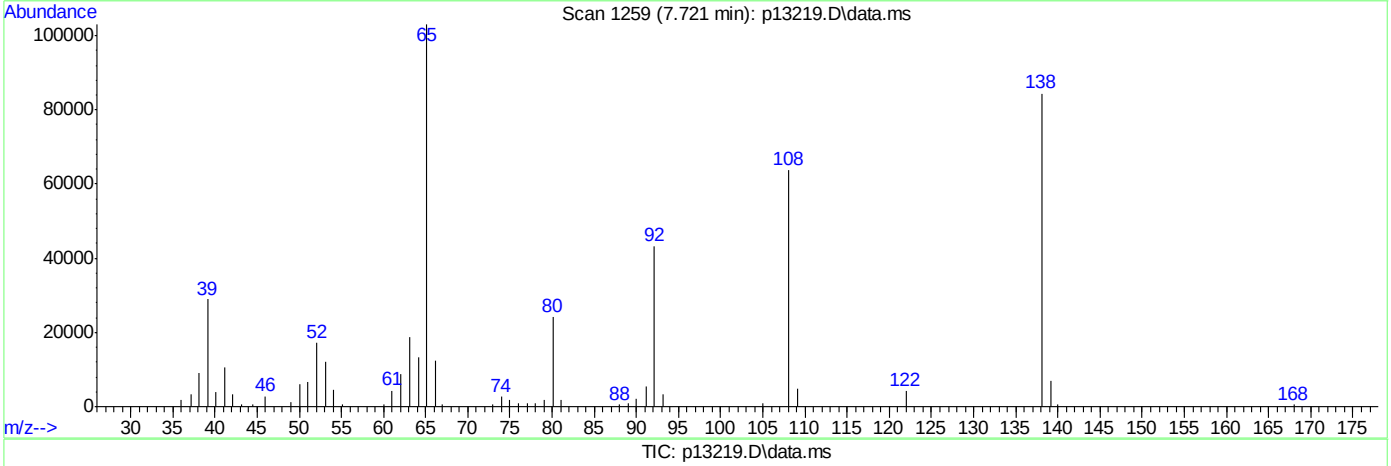
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	44.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(87) 4-Nitroaniline

7.721min (-0.025) 36.03ppm

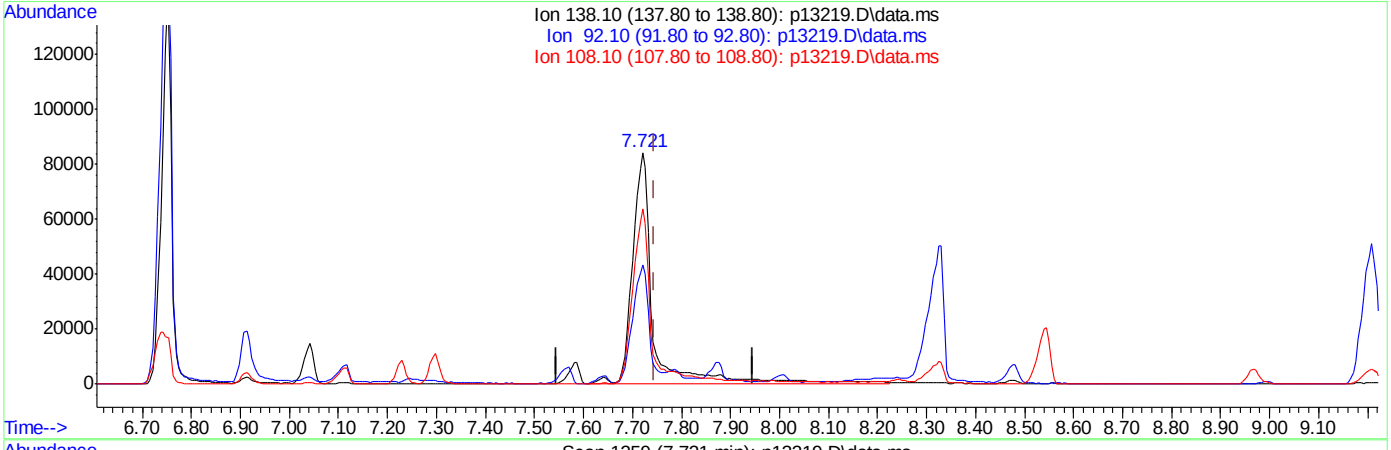
response 214567

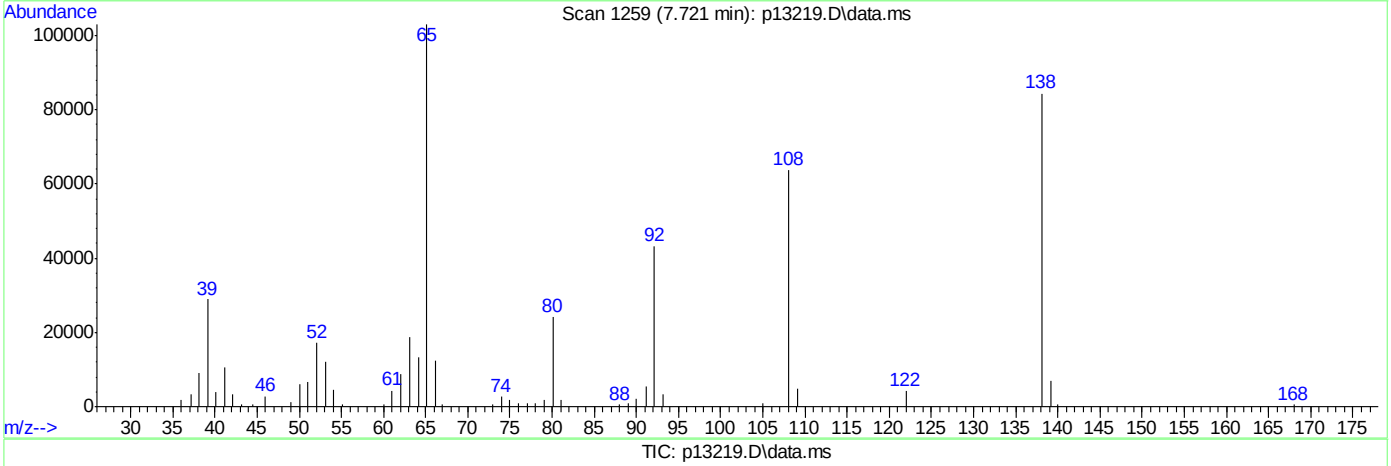
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	47.08
108.10	76.00	79.39
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(87) 4-Nitroaniline

7.721min (-0.025) 42.68ppm m

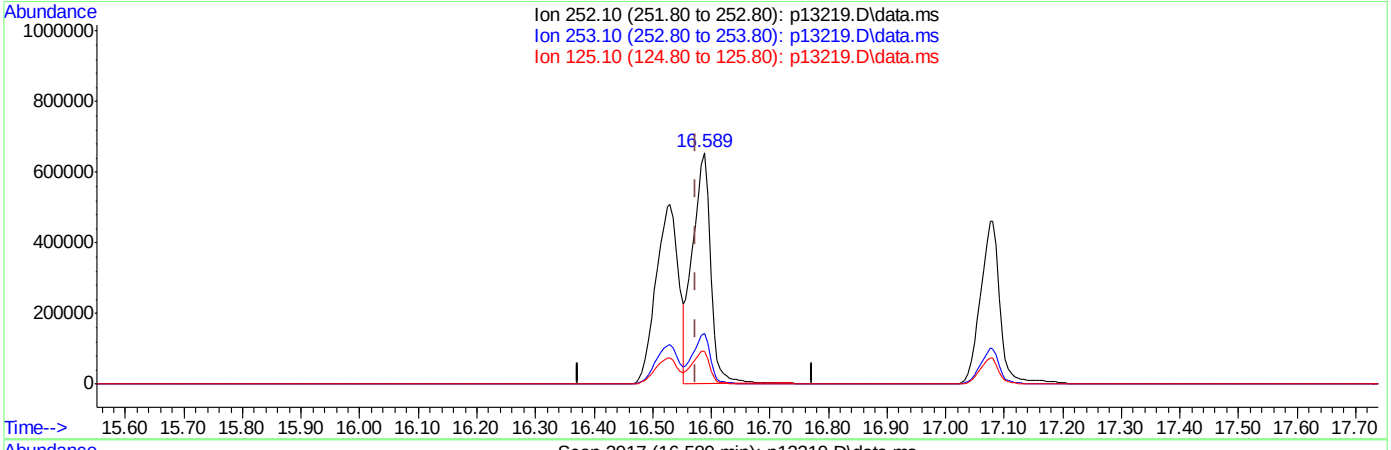
response 254113

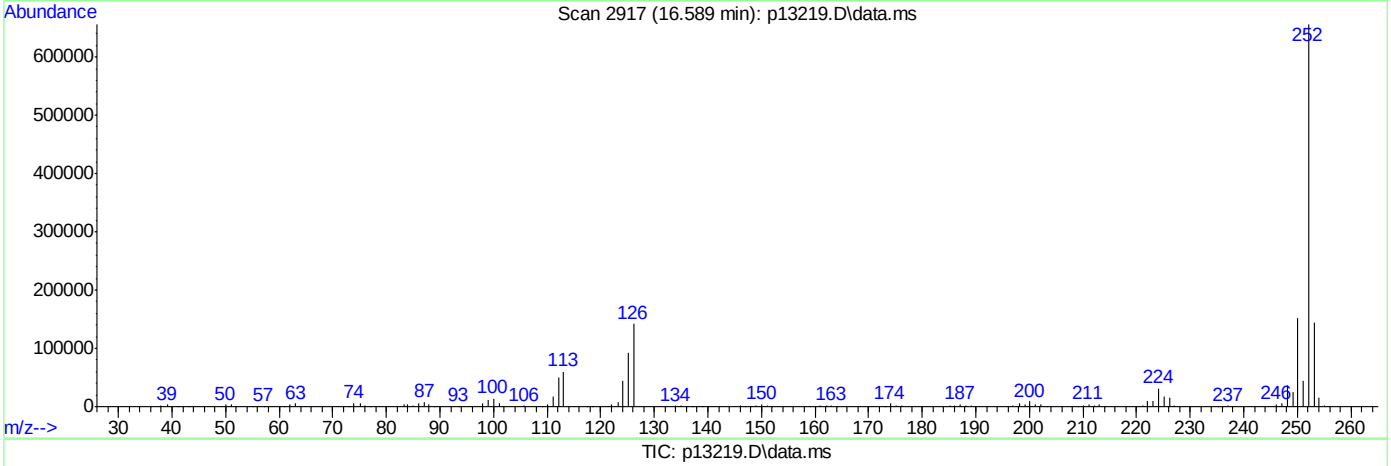
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	39.75
108.10	76.00	67.04
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(136) Benzo[b]fluoranthene

16.589min (+0.015) 50.05ppm

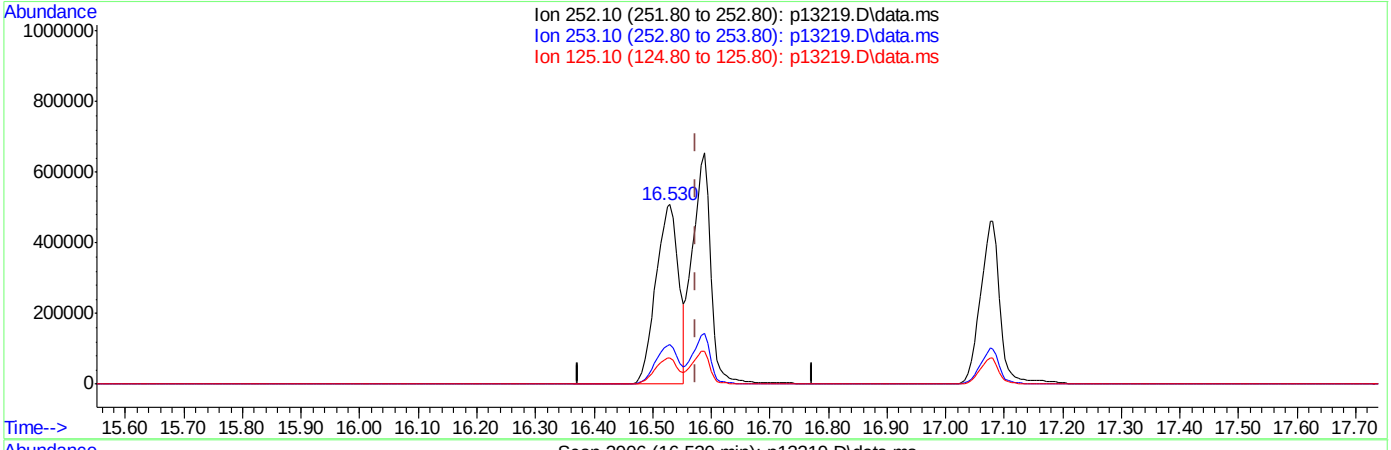
response 1411679

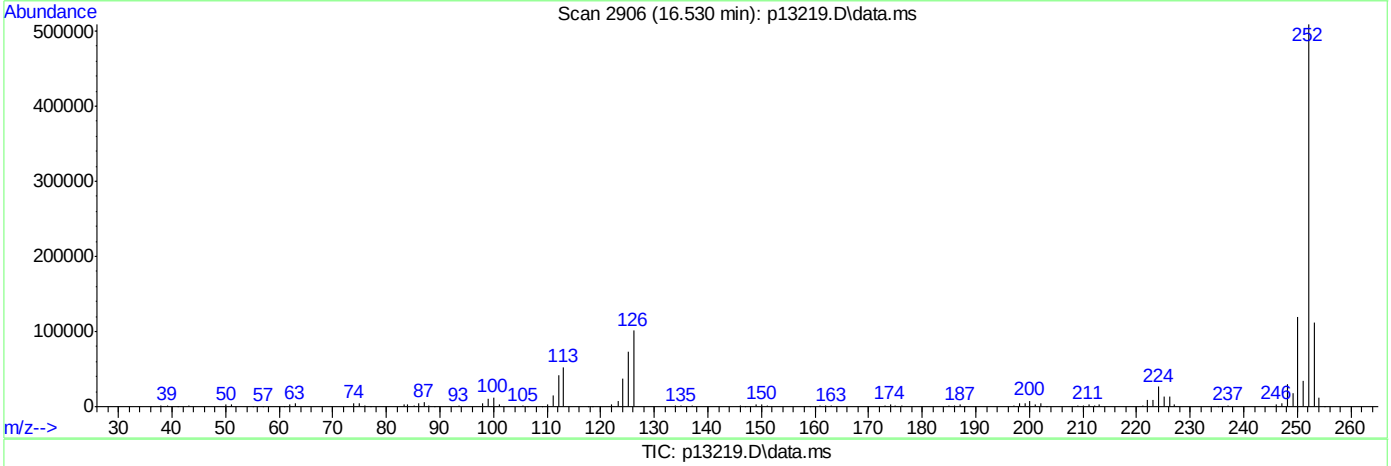
Ion	Exp%	Act%
252.10	100	100
253.10	23.50	22.00
125.10	16.20	14.33
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13219.D
Acq On    :  7 Sep 2010   3:57 pm
Operator  : garyj
Sample    : op15935-msd
Misc      : op15935,Ep624,500,,,1,1,water
ALS Vial  : 18   Sample Multiplier: 1

Quant Time: Sep 07 16:16:47 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13219.D\data.ms

(136) Benzo[b]fluoranthene

16.530min (-0.043) 48.14ppm m

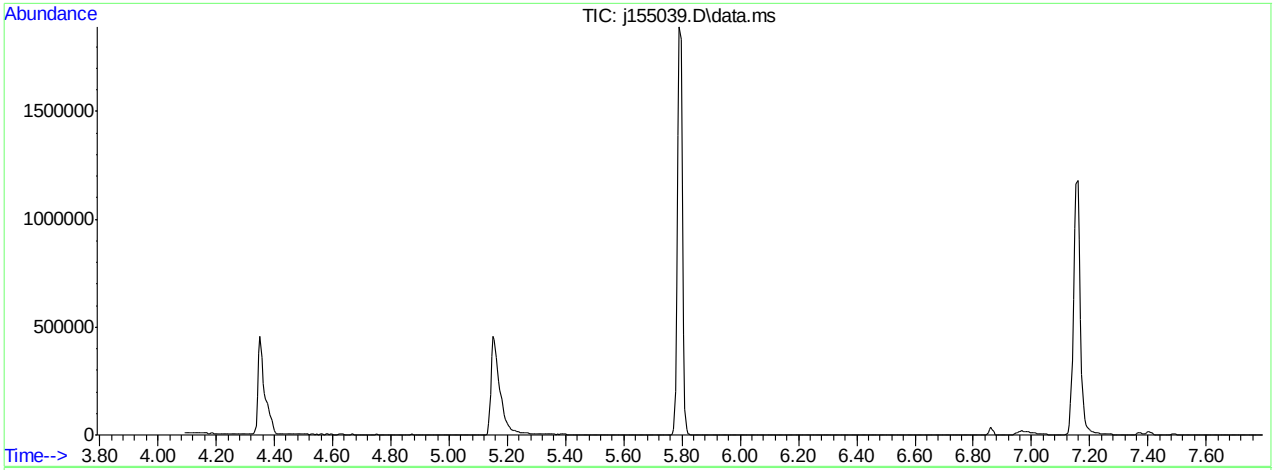
response 1357980

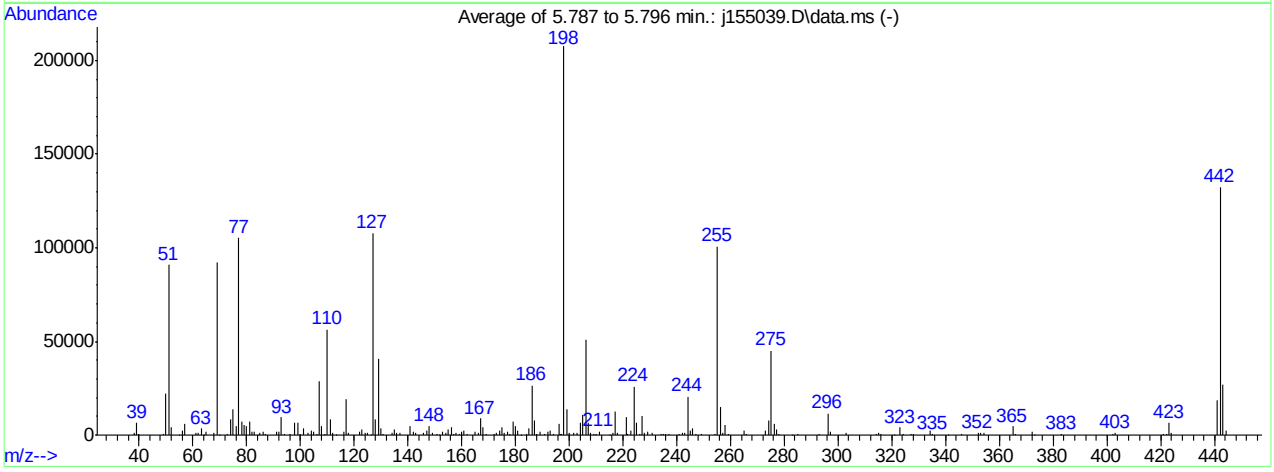
Ion	Exp%	Act%
252.10	100	100
253.10	23.50	22.87
125.10	16.20	14.90
0.00	0.00	0.00

DFTPP

Data File : C:\msdchem\1\DATA\ej921\j155039.D Vial: 1
Acq On : 5 Sep 2010 9:26 am Operator: sheilac
Sample : dftpp Inst : MSJ
Misc : op14950,Ej921,1000,,,1,1,water Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\dftpp.M (RTE Integrator)
Title :





AutoFind: Scans 353, 354, 355; Background Corrected with Scan 346

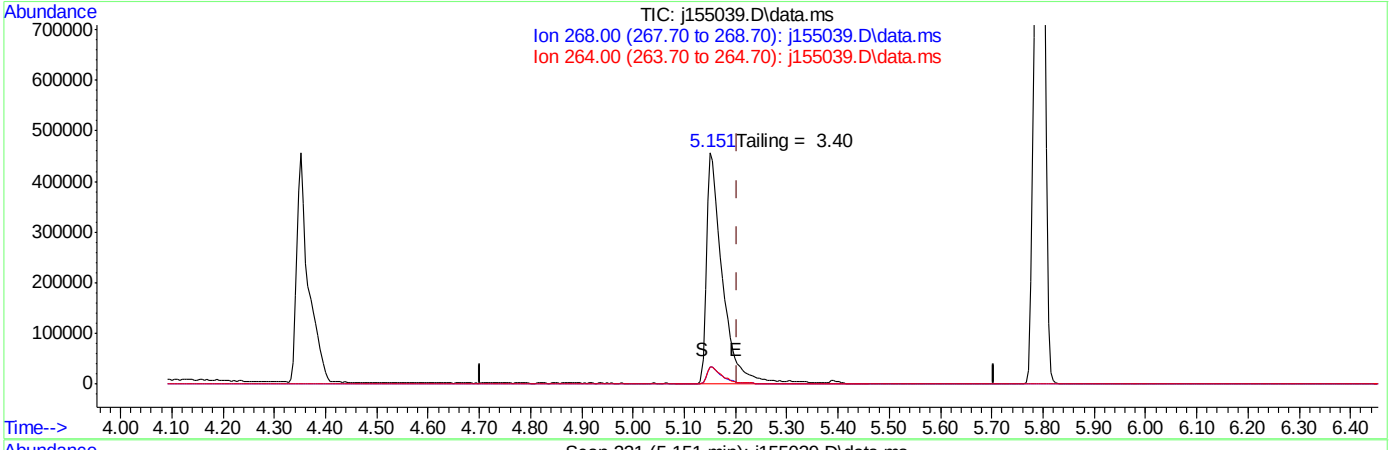
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.8	90872	PASS
68	69	0.00	2	1.5	1364	PASS
69	198	0.00	100	44.4	92051	PASS
70	69	0.00	2	0.2	172	PASS
127	198	40	60	52.0	107864	PASS
197	198	0.00	1	0.3	689	PASS
198	198	100	100	100.0	207552	PASS
199	198	5	9	6.7	13820	PASS
275	198	10	30	21.7	45032	PASS
365	198	1	100	2.3	4757	PASS
441	443	0.01	100	70.2	18876	PASS
442	198	40	100	63.8	132472	PASS
443	442	17	23	20.3	26883	PASS

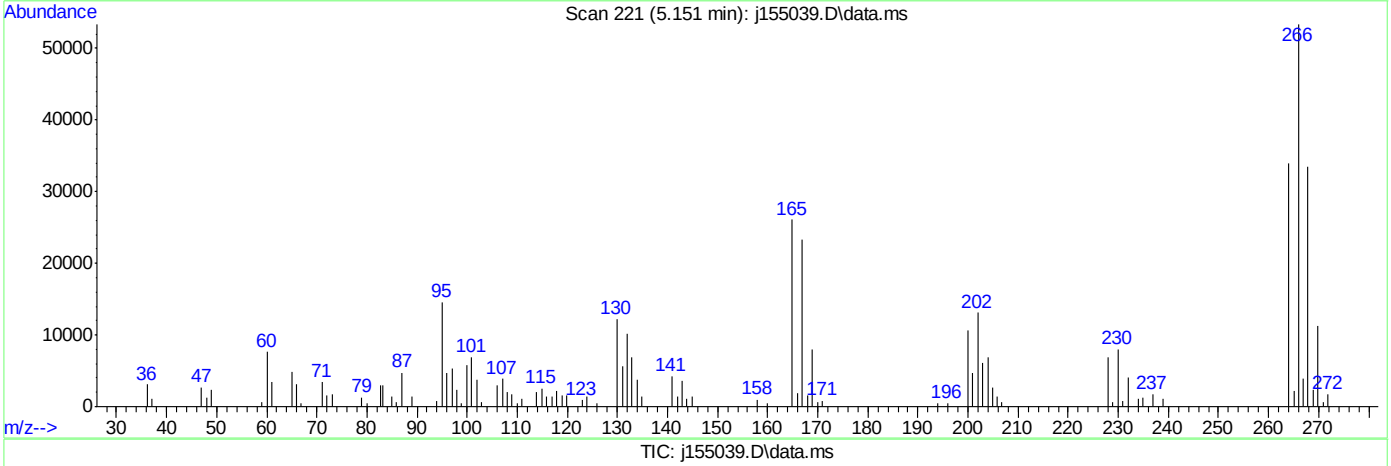
j155039.D dftpp.M Sun Sep 05 10:51:12 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155039.D
Acq On    :  5 Sep 2010   9:26 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 05 10:51:09 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Sat Sep 04 10:28:45 2010
Response via : Initial Calibration
```





TIC: j155039.D\data.ms

(1) Pentachlorophenol

5.151min (-0.053) 0.00

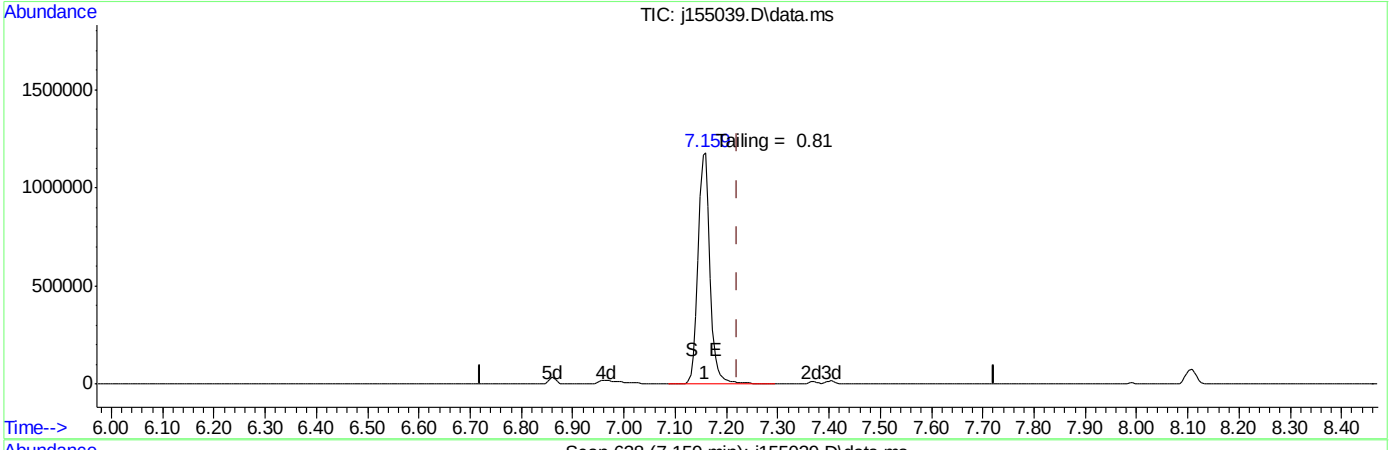
response 979641

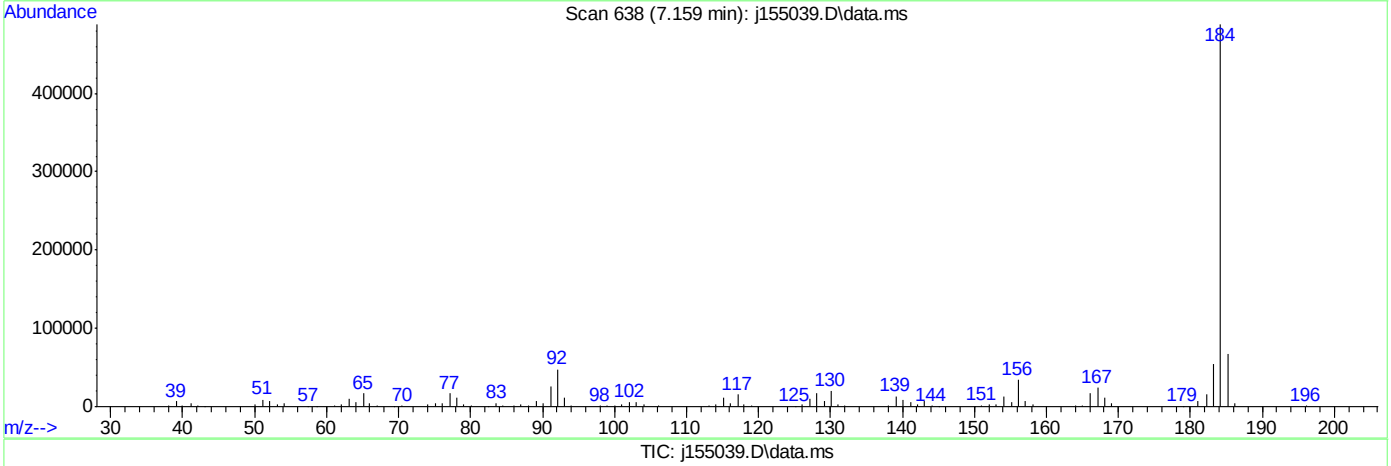
Signal	Exp%	Act%
TIC	100	100
268.00	740.60	7.84#
264.00	746.00	7.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155039.D
Acq On    :  5 Sep 2010   9:26 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 05 10:51:09 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Sat Sep 04 10:28:45 2010
Response via : Initial Calibration
```





TIC: j155039.D\data.ms

(3) Benzidine

7.159min (-0.063) 0.00

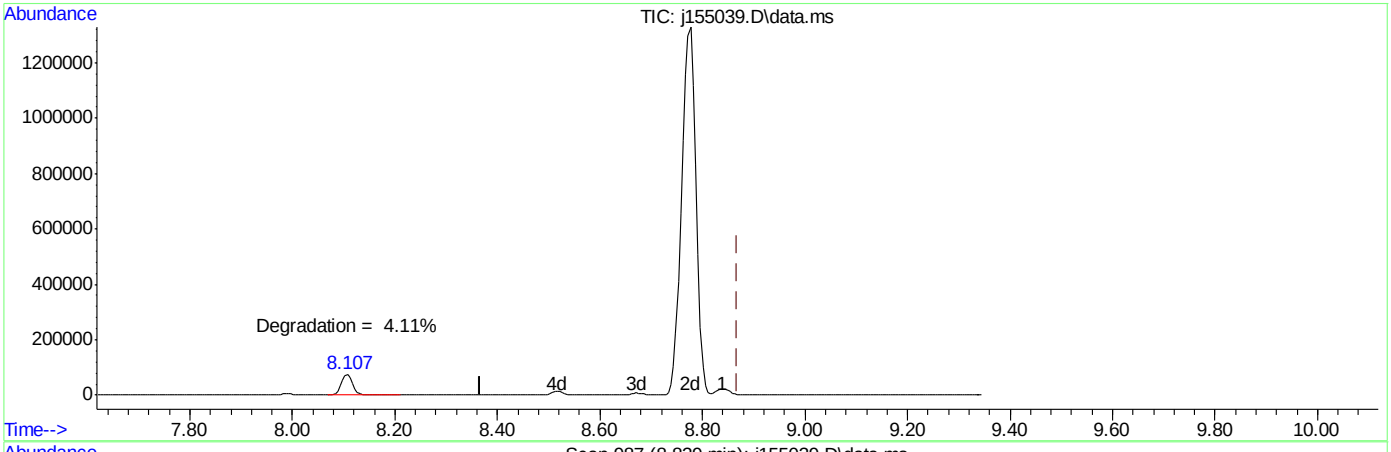
response 1915213

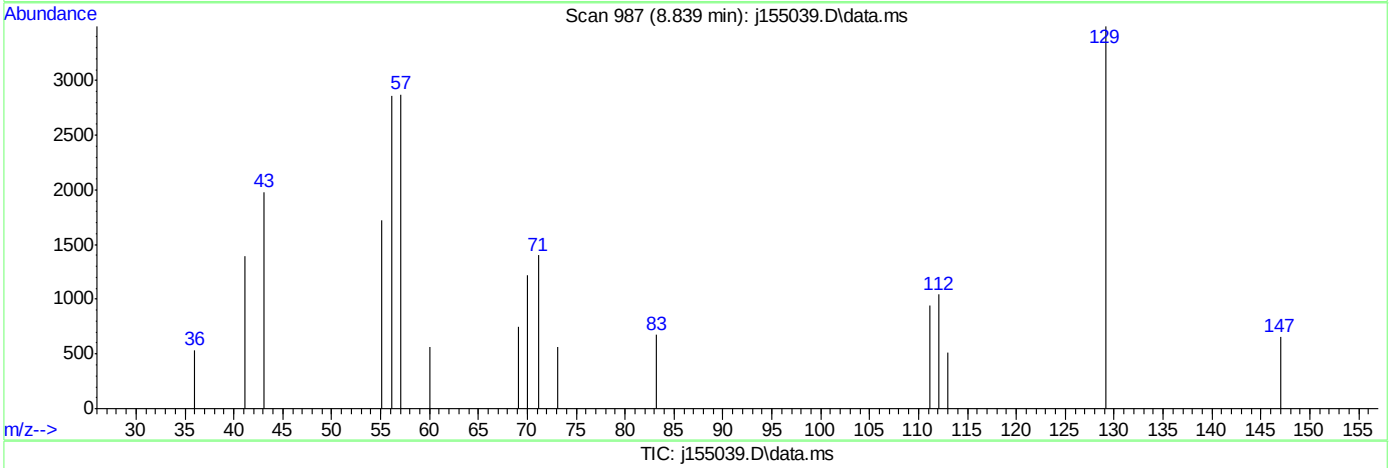
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155039.D
Acq On    :  5 Sep 2010   9:26 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 05 10:51:09 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Sat Sep 04 10:28:45 2010
Response via : Initial Calibration
```





TIC: j155039.D\data.ms

(4) DDT

8.839min (-0.029) 0.00

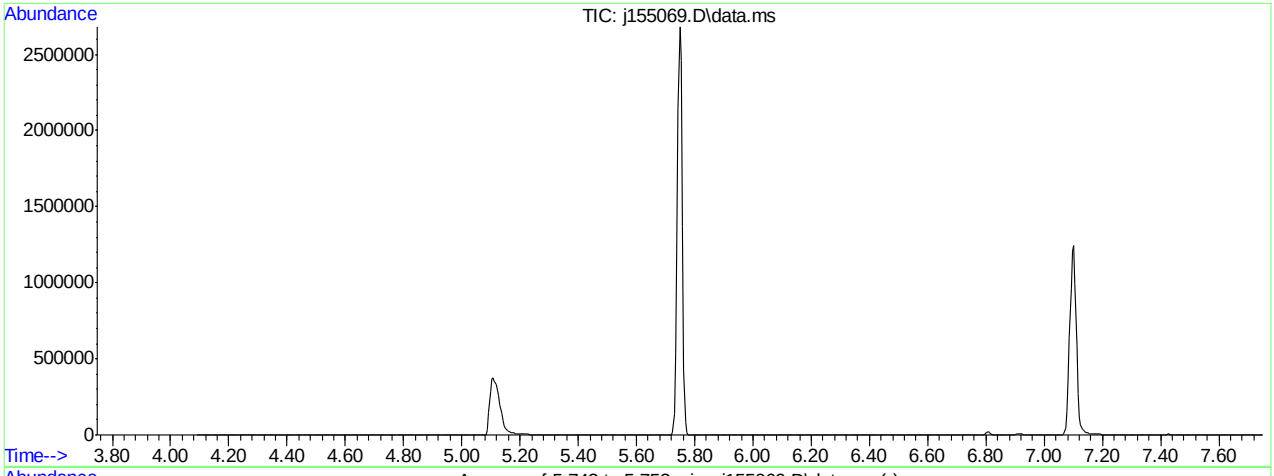
response 42718

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP

Data File : C:\msdchem\1\DATA\ej923\j155069.D Vial: 1
Acq On : 7 Sep 2010 10:24 am Operator: sheilac
Sample : dftpp Inst : MSJ
Misc : op14950,Ej923,1000,,,1,1,water Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\METHODS\dftpp.M (RTE Integrator)
Title :



AutoFind: Scans 344, 345, 346; Background Corrected with Scan 337

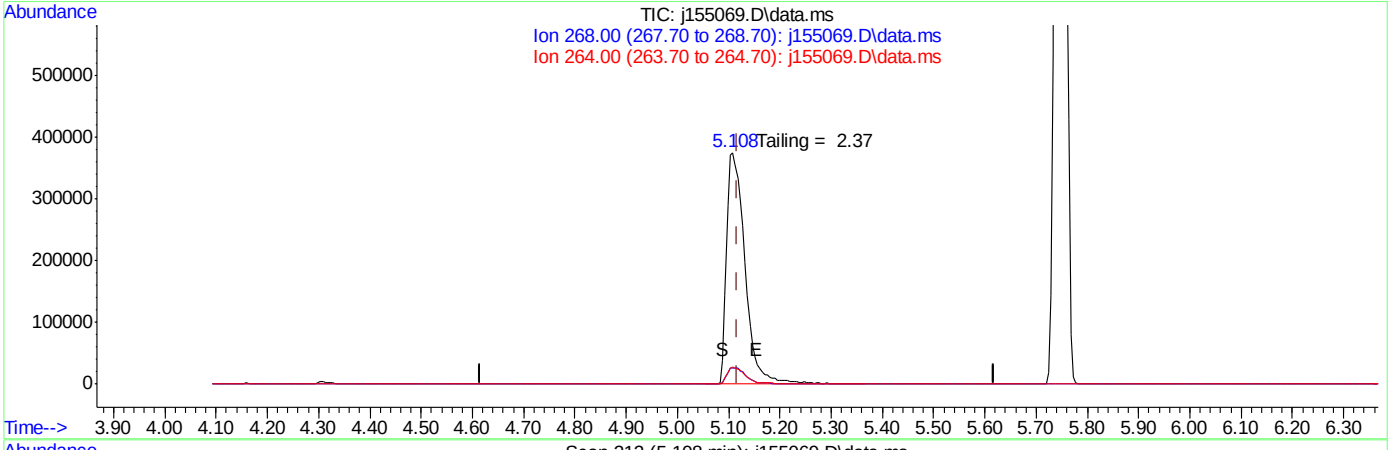
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.9	127328	PASS
68	69	0.00	2	1.5	1960	PASS
69	198	0.00	100	44.1	127832	PASS
70	69	0.00	2	0.5	660	PASS
127	198	40	60	53.8	156075	PASS
197	198	0.00	1	0.3	862	PASS
198	198	100	100	100.0	290091	PASS
199	198	5	9	6.9	19965	PASS
275	198	10	30	21.4	62197	PASS
365	198	1	100	2.2	6283	PASS
441	443	0.01	100	71.7	28267	PASS
442	198	40	100	67.9	197056	PASS
443	442	17	23	20.0	39424	PASS

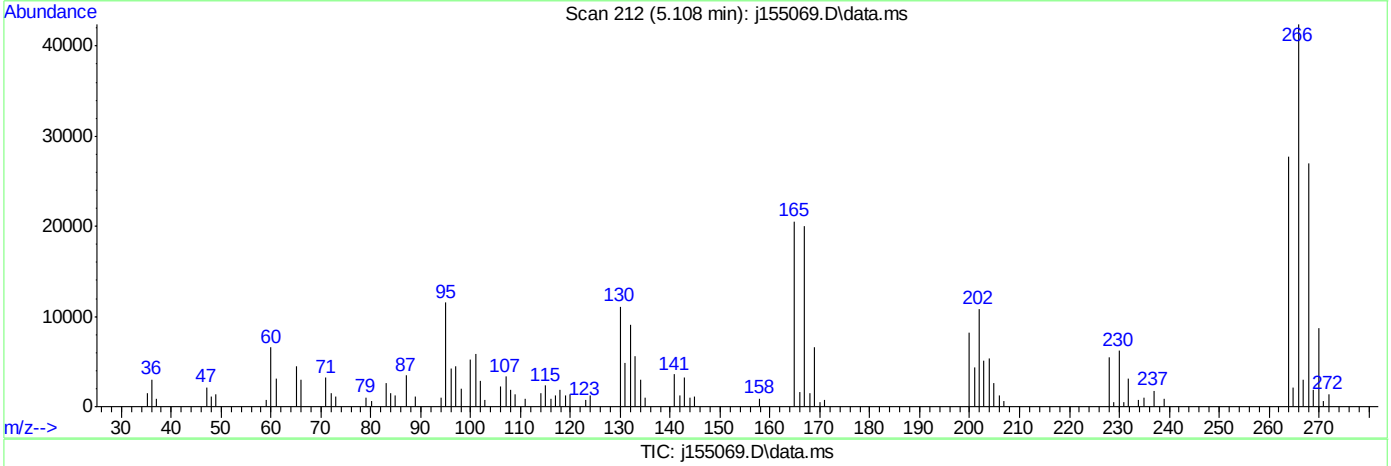
j155069.D dftpp.M Tue Sep 07 11:32:46 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155069.D
Acq On    :  7 Sep 2010  10:24 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:33:36 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:19:29 2010
Response via : Initial Calibration
```





TIC: j155069.D\data.ms

(1) Pentachlorophenol

5.108min (-0.010) 0.00

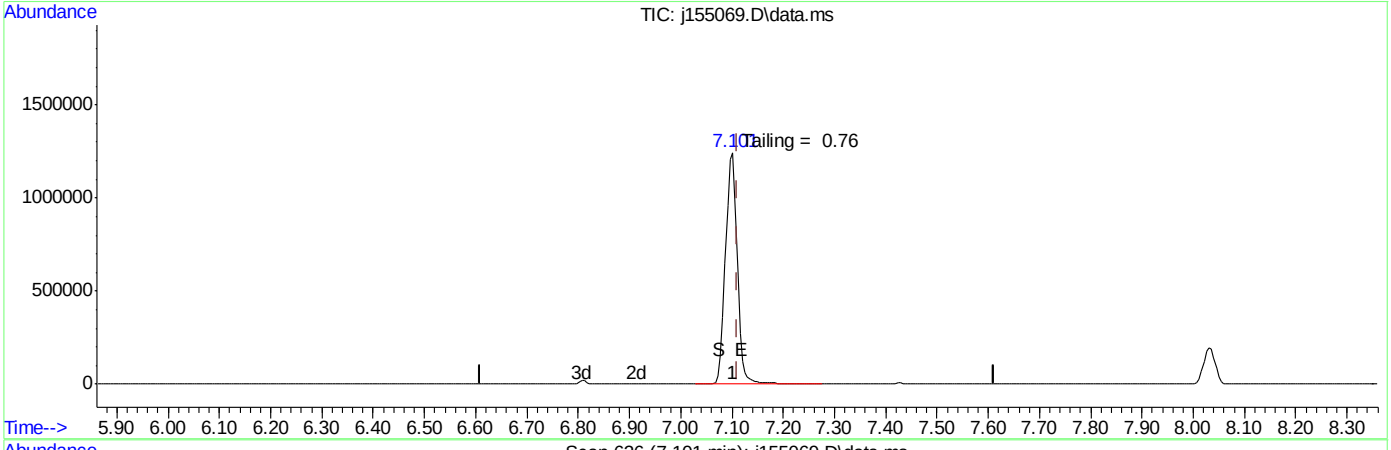
response 923044

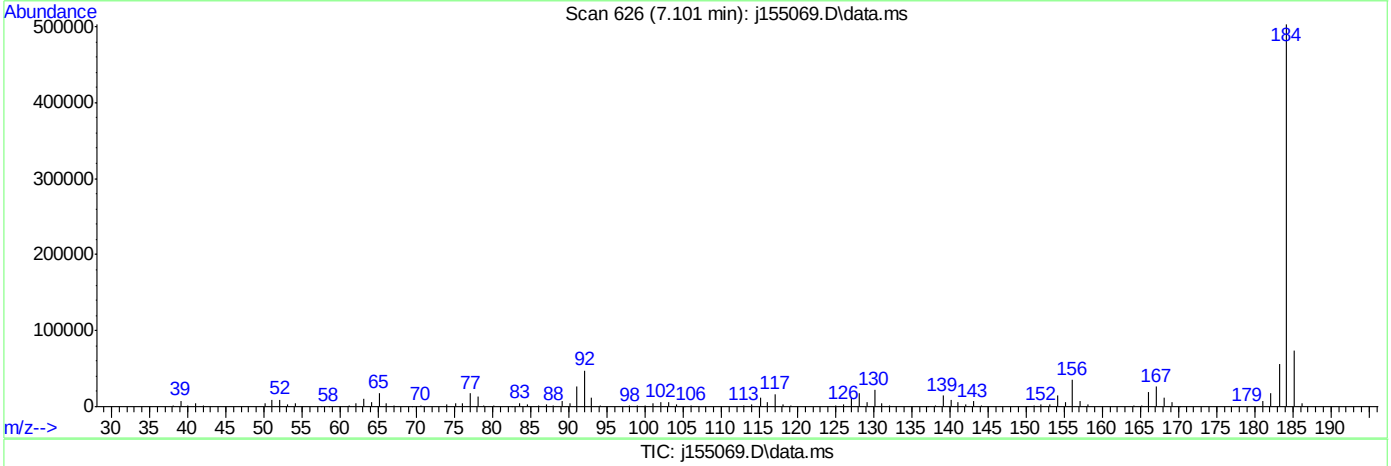
Signal	Exp%	Act%
TIC	100	100
268.00	728.90	7.81#
264.00	722.00	7.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155069.D
Acq On    :  7 Sep 2010  10:24 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:33:36 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:19:29 2010
Response via : Initial Calibration
```





TIC: j155069.D\data.ms

(3) Benzidine

7.101min (-0.010) 0.00

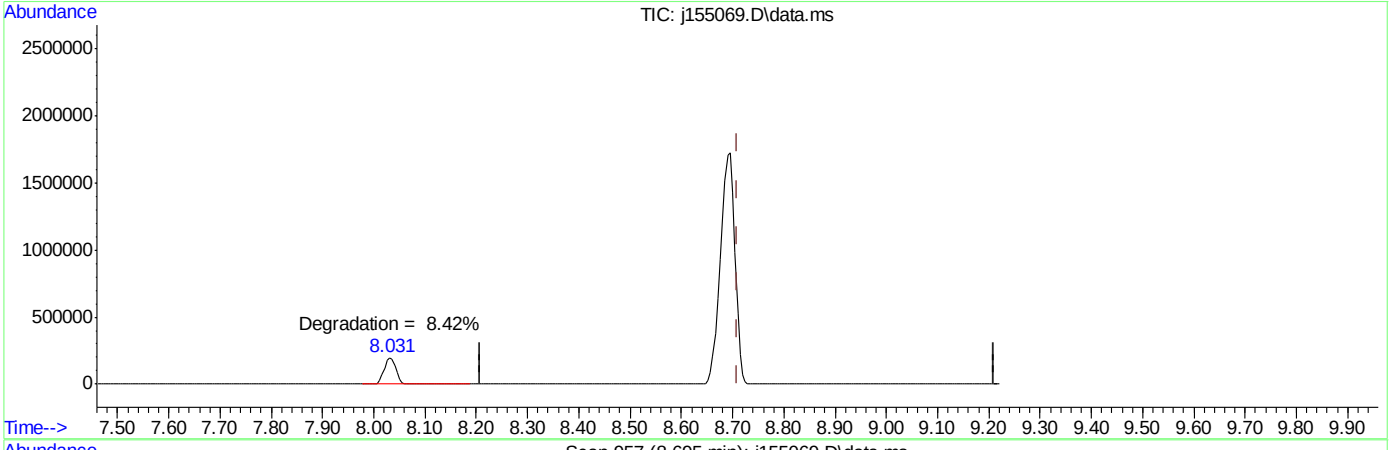
response 1990326

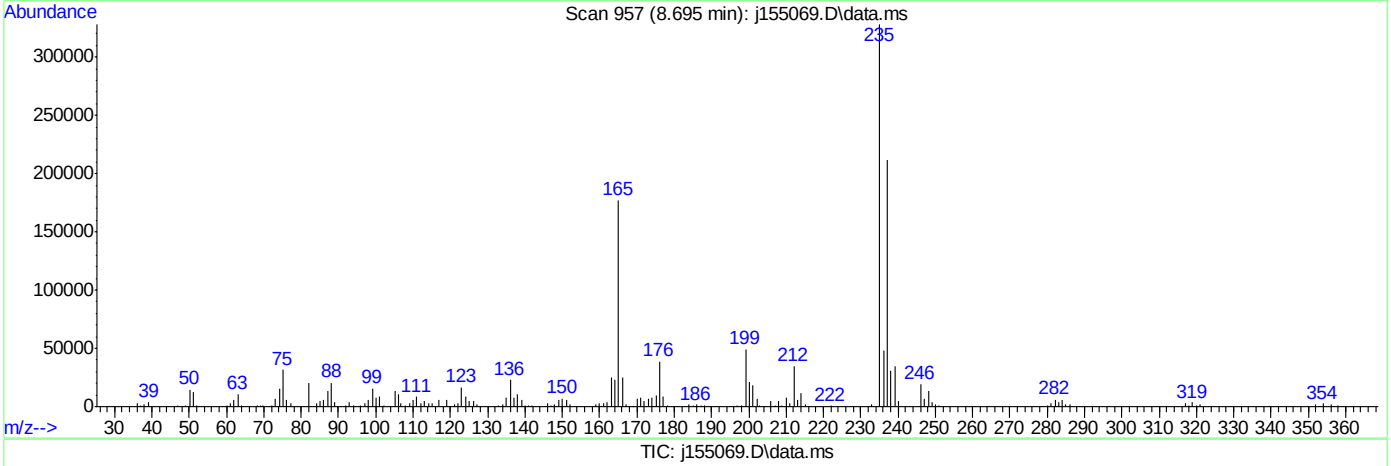
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155069.D
Acq On    :  7 Sep 2010  10:24 am
Operator  : sheilac
Sample    : dftpp
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:33:36 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:19:29 2010
Response via : Initial Calibration
```





TIC: j155069.D\data.ms

(4) DDT

8.695min (-0.014) 0.00

response 3387573

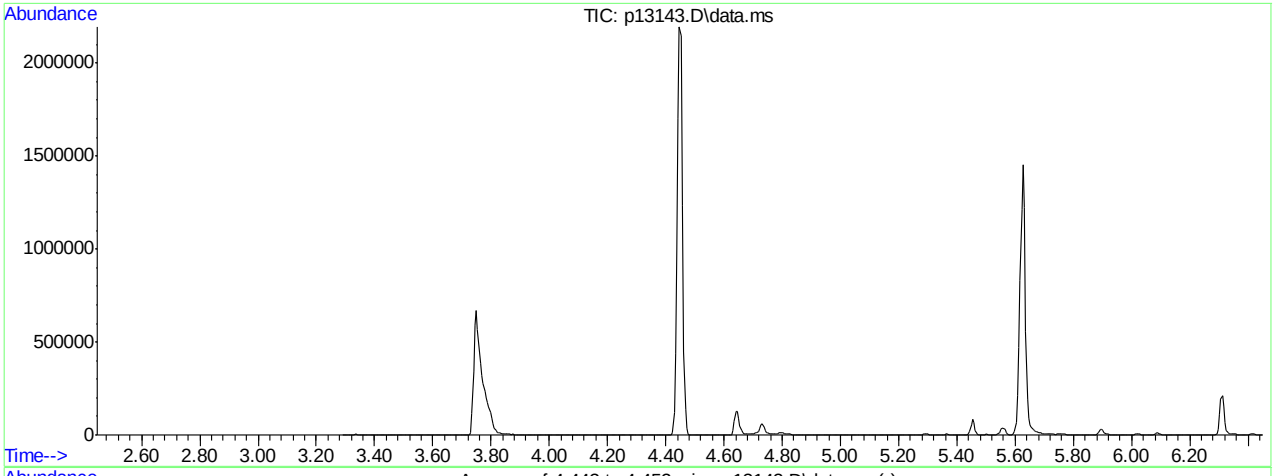
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

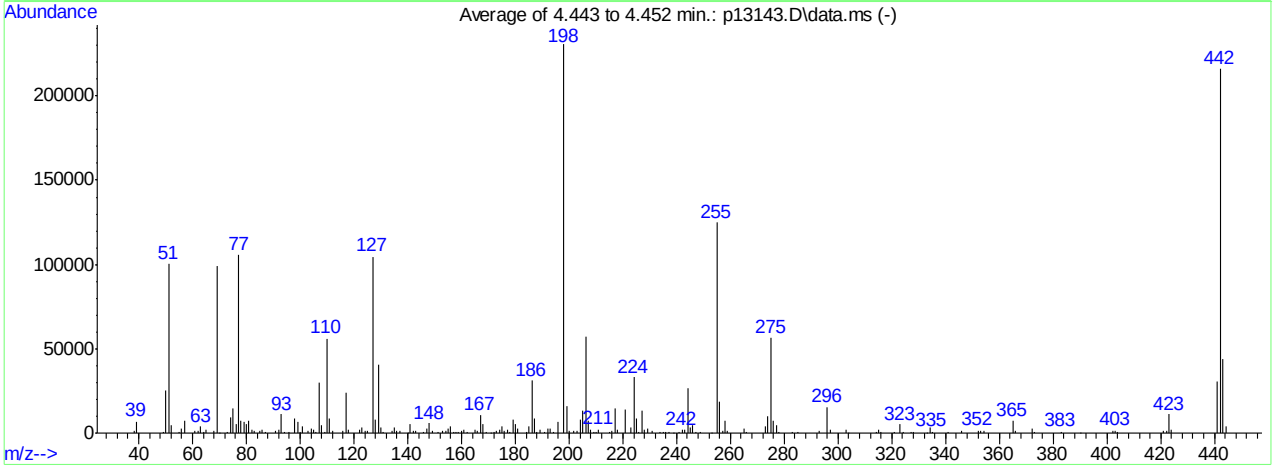
DFTPP

Data File : C:\msdchem\1\DATA\ep621\p13143.D
Acq On : 4 Sep 2010 8:59 am
Sample : dftpp
Misc : op13254,Ep621,1000,,,1,1,water
MS Integration Params: rteint.p

Vial: 1
Operator: garyj
Inst : GCMS P
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\dftpp.M (RTE Integrator)
Title :





AutoFind: Scans 240, 241, 242; Background Corrected with Scan 233

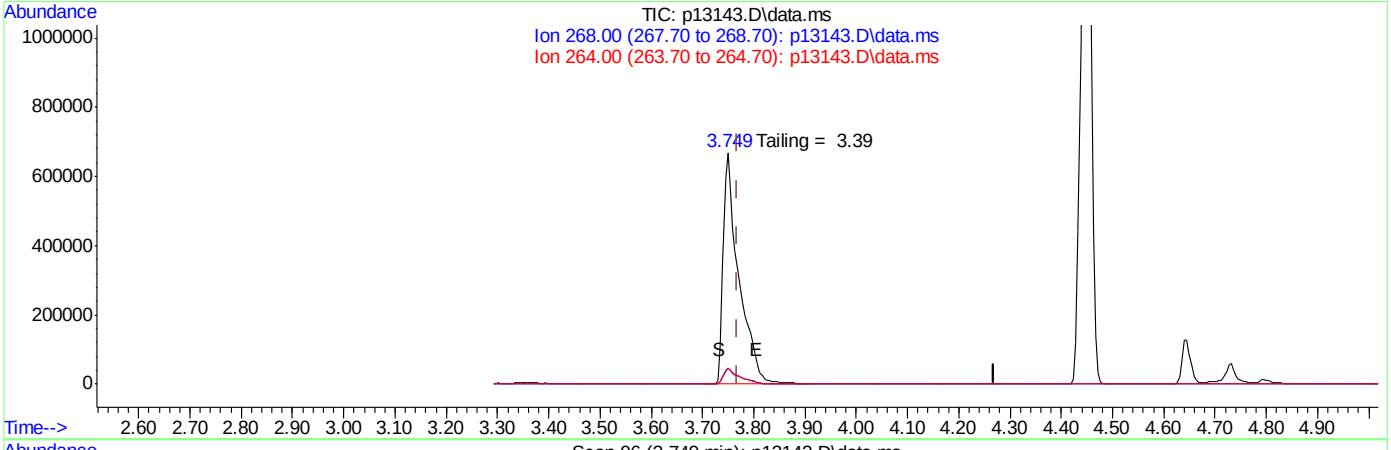
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.6	100421	PASS
68	69	0.00	2	1.5	1493	PASS
69	198	0.00	100	42.9	98925	PASS
70	69	0.00	2	0.2	173	PASS
127	198	40	60	45.4	104563	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	230549	PASS
199	198	5	9	6.8	15683	PASS
275	198	10	30	24.5	56400	PASS
365	198	1	100	3.1	7158	PASS
441	443	0.01	100	69.9	30859	PASS
442	198	40	100	93.7	215915	PASS
443	442	17	23	20.4	44147	PASS

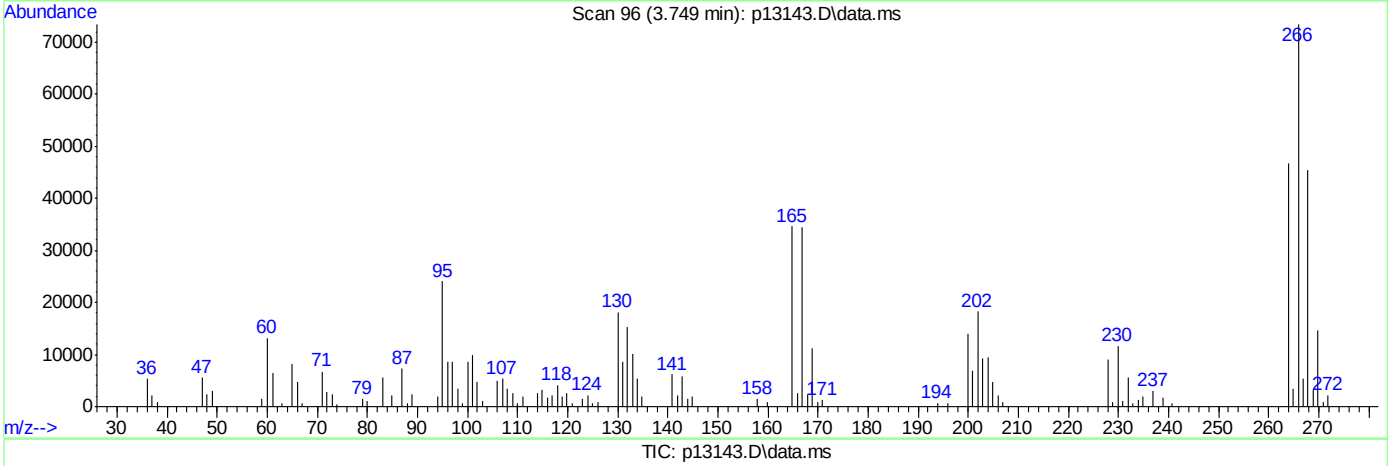
p13143.D dftpp.M Sat Sep 04 09:07:24 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13143.D
Acq On    :  4 Sep 2010   8:59 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 04 09:07:28 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Fri Sep 03 08:47:12 2010
Response via : Initial Calibration
```





TIC: p13143.D\data.ms

(1) Pentachlorophenol

3.749min (-0.019) 0.00

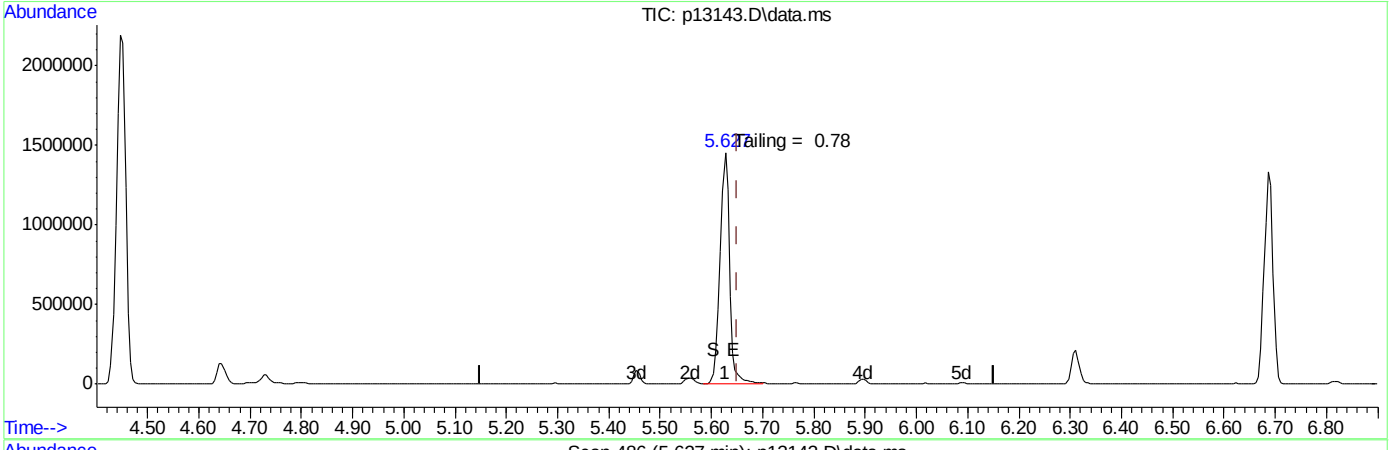
response 1414625

Signal	Exp%	Act%
TIC	100	100
268.00	693.80	7.21#
264.00	703.00	7.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13143.D
Acq On    :  4 Sep 2010   8:59 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 04 09:07:28 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Fri Sep 03 08:47:12 2010
Response via : Initial Calibration
```



(3) Benzidine

5.627min (-0.024) 0.00

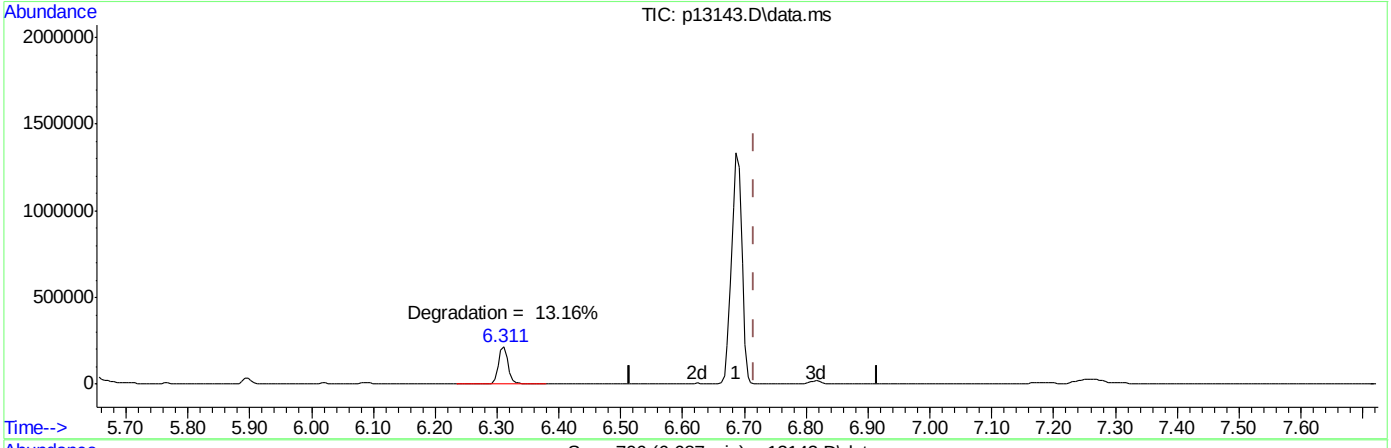
response 1891015

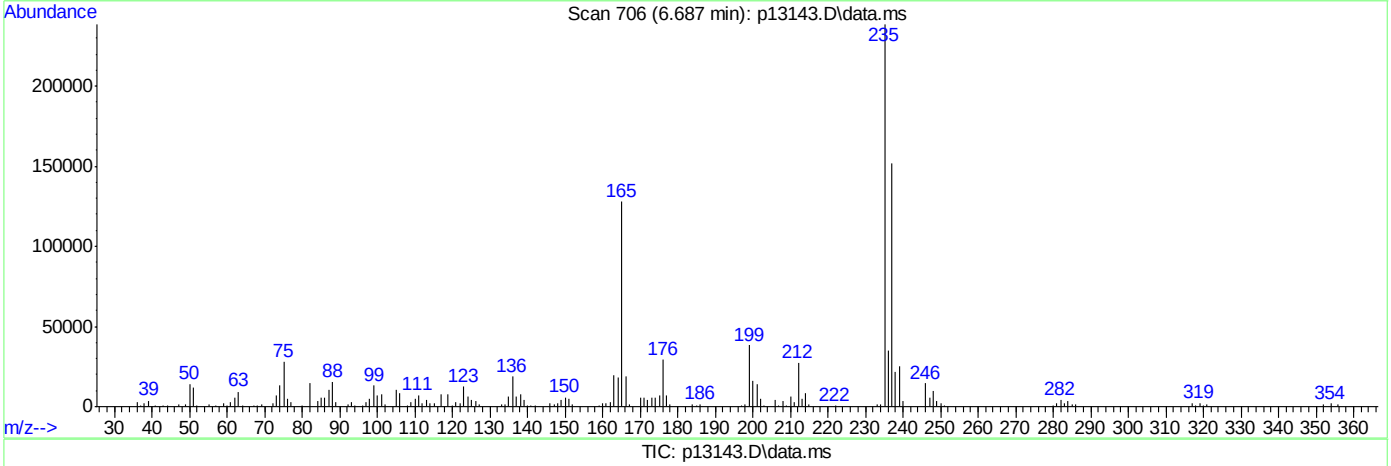
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13143.D
Acq On    :  4 Sep 2010   8:59 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 04 09:07:28 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Fri Sep 03 08:47:12 2010
Response via : Initial Calibration
```





TIC: p13143.D\data.ms

(4) DDT

6.687min (-0.029) 0.00

response 1569235

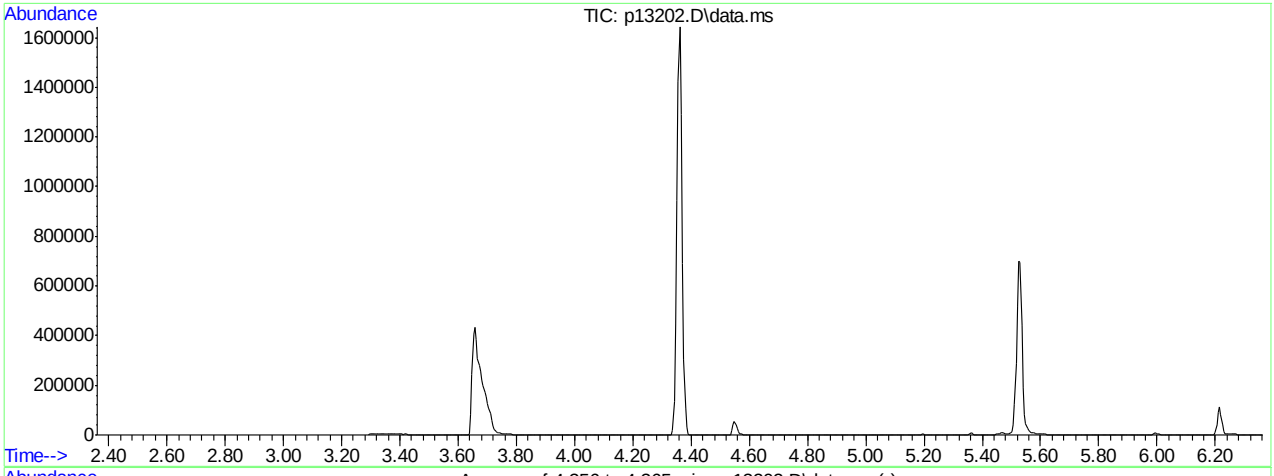
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

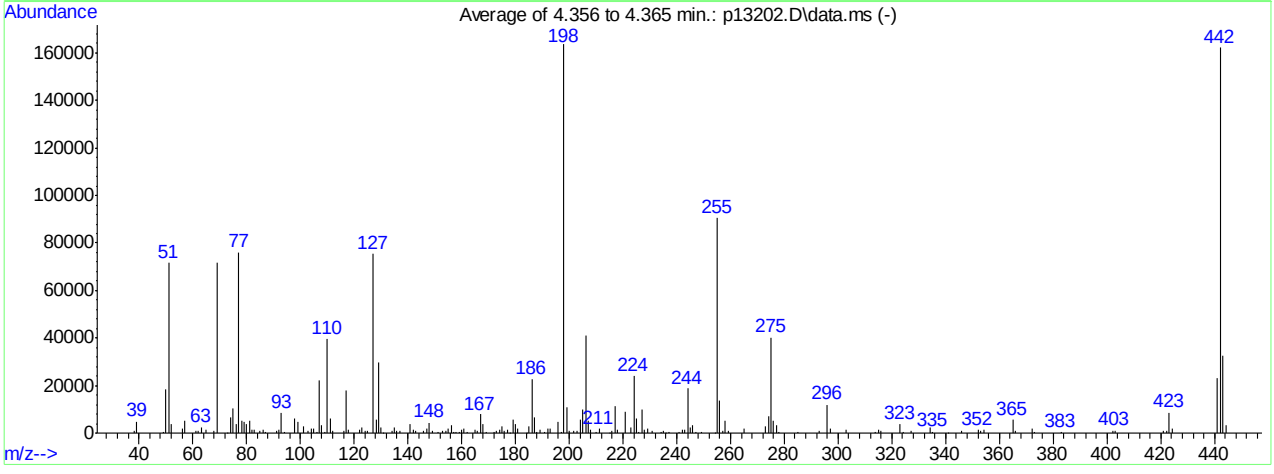
DFTPP

Data File : C:\msdchem\1\DATA\ep624\p13202.D
Acq On : 7 Sep 2010 8:58 am
Sample : dftpp
Misc : op13254,Ep624,1000,,,1,1,water
MS Integration Params: rteint.p

Vial: 1
Operator: garyj
Inst : GCMS P
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\dftpp.M (RTE Integrator)
Title :





AutoFind: Scans 222, 223, 224; Background Corrected with Scan 215

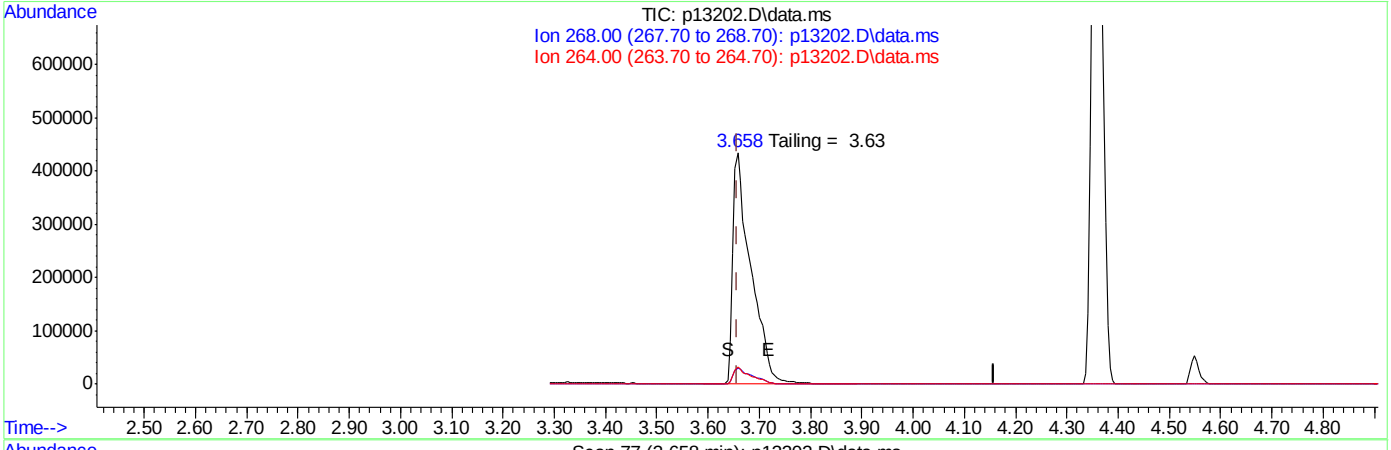
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.8	71717	PASS
68	69	0.00	2	1.6	1150	PASS
69	198	0.00	100	43.7	71552	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.1	75459	PASS
197	198	0.00	1	0.4	585	PASS
198	198	100	100	100.0	163563	PASS
199	198	5	9	6.7	11021	PASS
275	198	10	30	24.6	40293	PASS
365	198	1	100	3.4	5580	PASS
441	443	0.01	100	70.6	23144	PASS
442	198	40	100	99.2	162203	PASS
443	442	17	23	20.2	32805	PASS

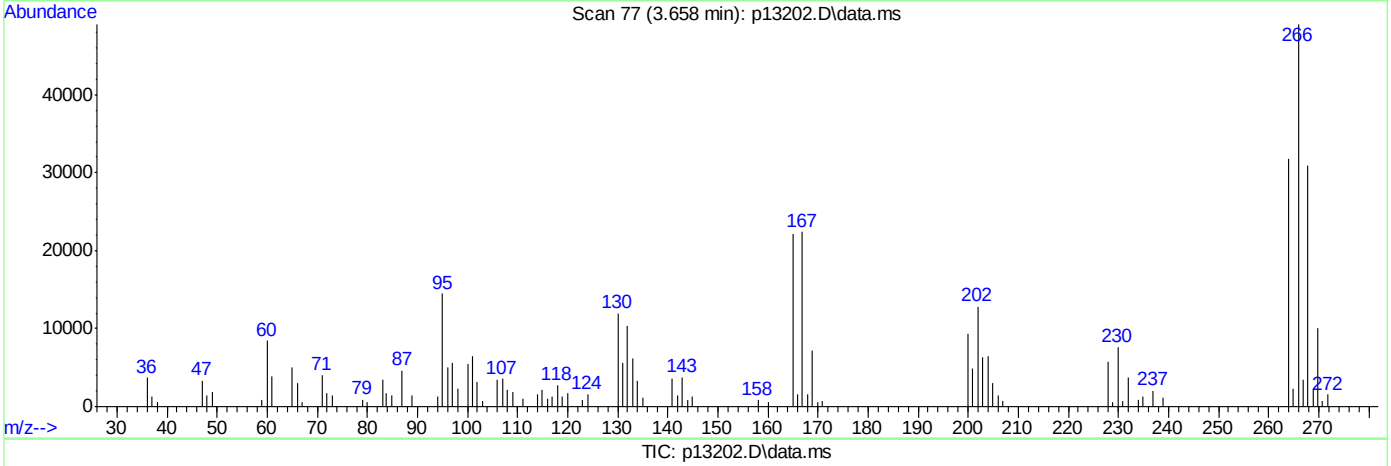
p13202.D dftpp.M Tue Sep 07 09:05:35 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13202.D
Acq On    :  7 Sep 2010   8:58 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 09:05:38 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:04:38 2010
Response via : Initial Calibration
```





TIC: p13202.D\data.ms

(1) Pentachlorophenol

3.658min (0.000) 0.00

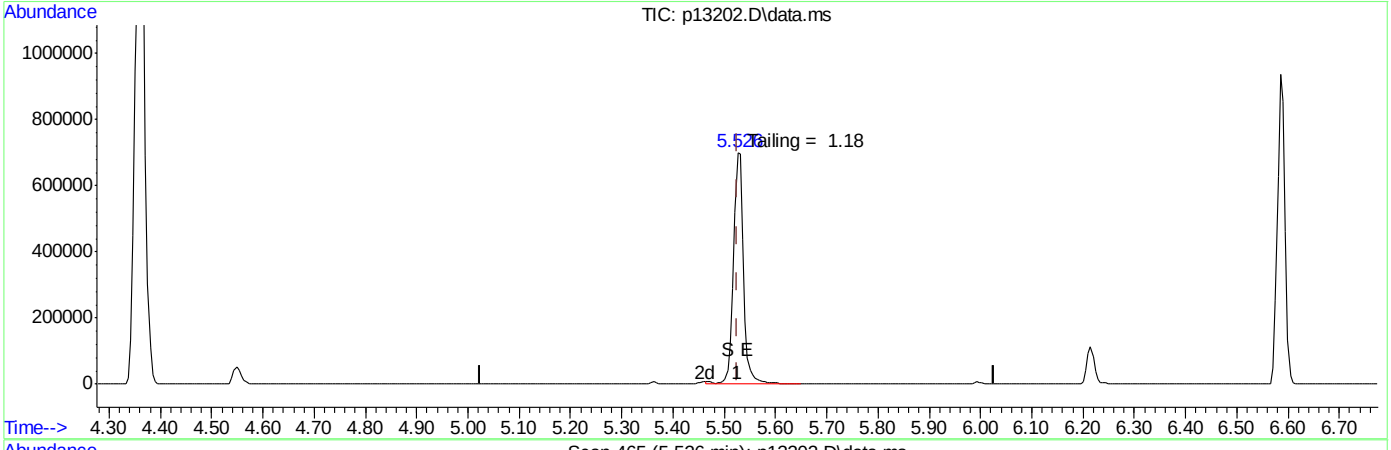
response 1053745

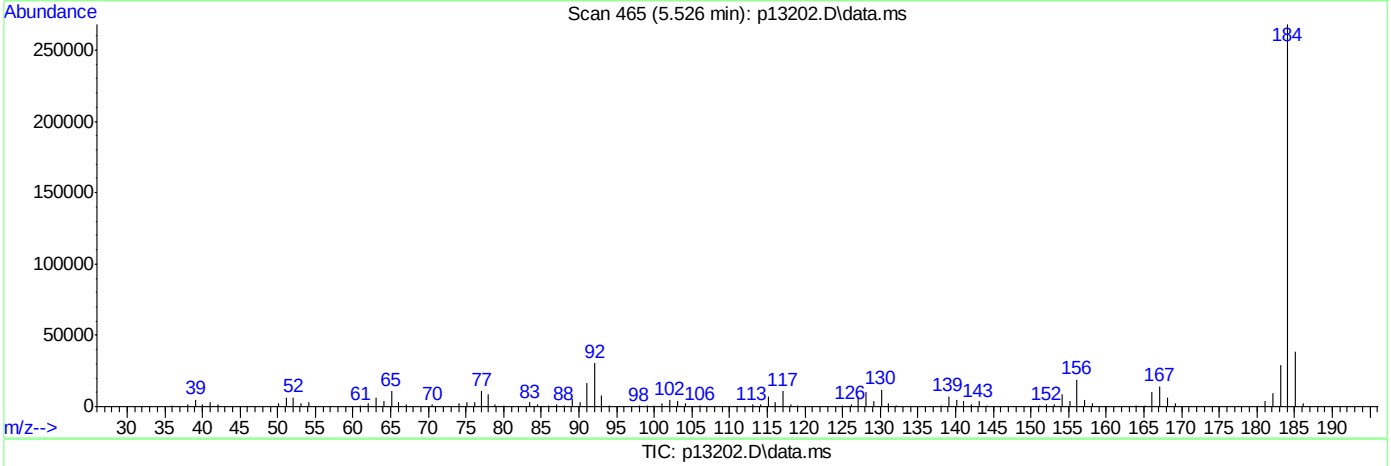
Signal	Exp%	Act%
TIC	100	100
268.00	712.60	7.57#
264.00	731.50	7.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13202.D
Acq On    :  7 Sep 2010   8:58 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 09:05:38 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:04:38 2010
Response via : Initial Calibration
```





TIC: p13202.D\data.ms

(3) Benzidine

5.526min (0.000) 0.00

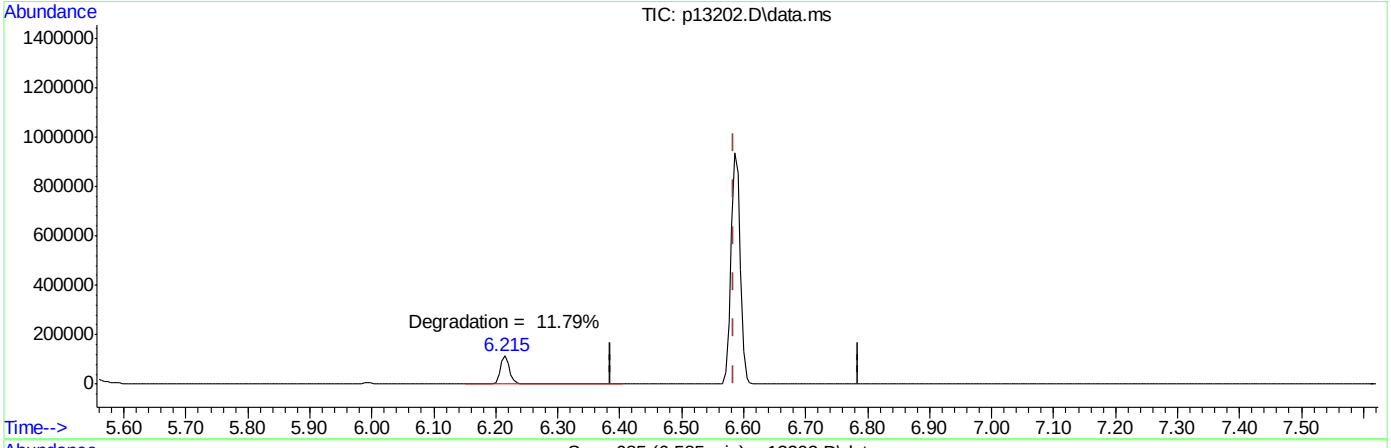
response 944698

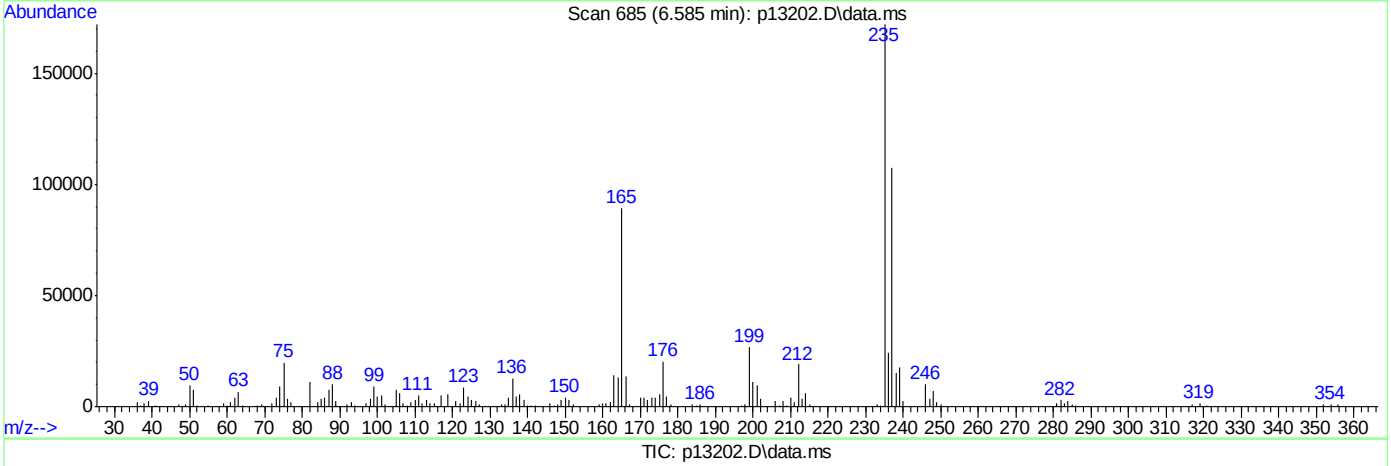
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13202.D
Acq On    :  7 Sep 2010   8:58 am
Operator  : garyj
Sample    : dftpp
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 09:05:38 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.M
Quant Title  :
QLast Update : Tue Sep 07 09:04:38 2010
Response via : Initial Calibration
```





TIC: p13202.D\data.ms

(4) DDT

6.585min (0.000) 0.00

response 969575

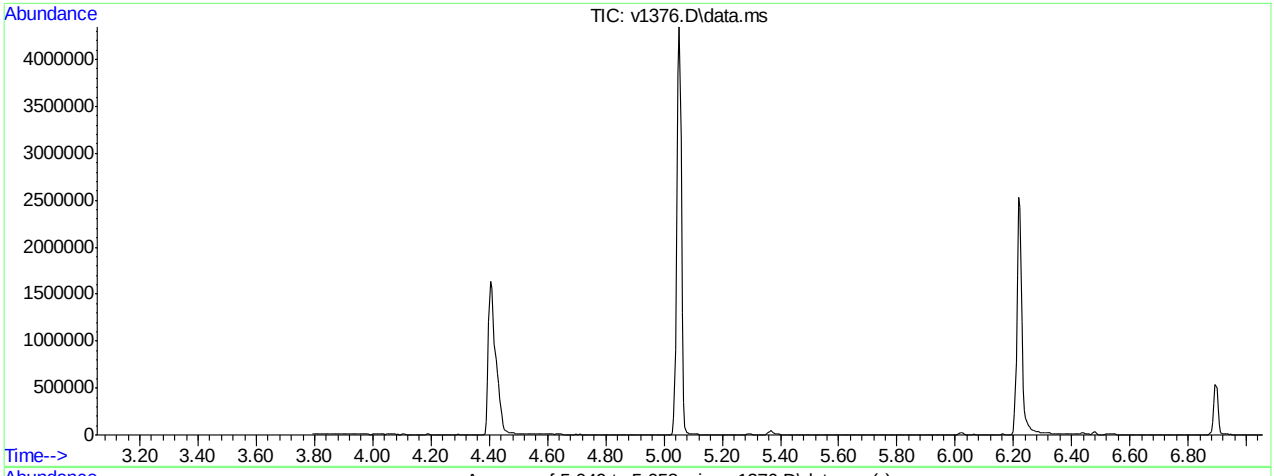
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

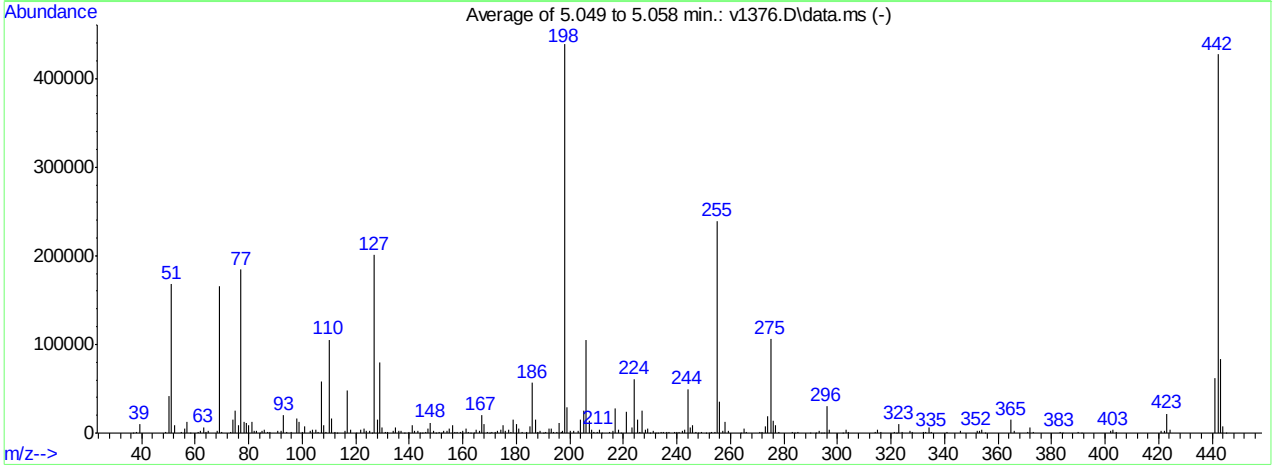
DFTPP

Data File : C:\msdchem\1\DATA\ev81\v1376.D
Acq On : 7 Sep 2010 9:50 am
Sample : dftpp
Misc : op15188,ev81,1000,,,1,1,water
MS Integration Params: rteint.p

Vial: 1
Operator: murtuzak
Inst : MS V
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\dftpp.m (RTE Integrator)
Title :





AutoFind: Scans 262, 263, 264; Background Corrected with Scan 255

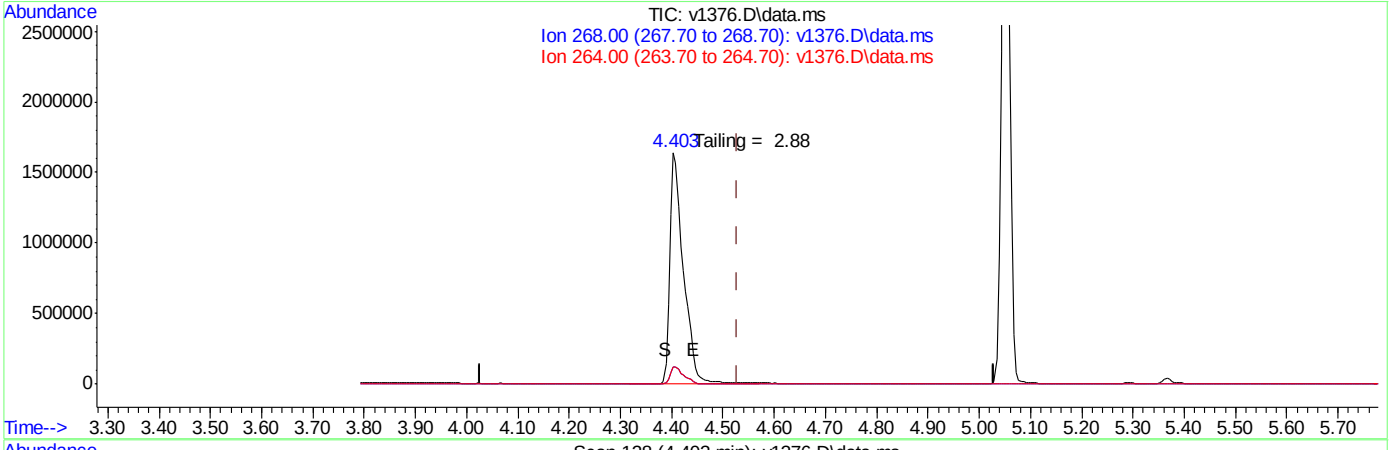
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.3	167747	PASS
68	69	0.00	2	1.4	2343	PASS
69	198	0.00	100	37.9	166104	PASS
70	69	0.00	2	0.5	772	PASS
127	198	40	60	45.7	200469	PASS
197	198	0.00	1	0.7	2885	PASS
198	198	100	100	100.0	438251	PASS
199	198	5	9	6.8	29733	PASS
275	198	10	30	24.2	106029	PASS
365	198	1	100	3.4	15027	PASS
441	443	0.01	100	73.5	61765	PASS
442	198	40	100	97.4	426859	PASS
443	442	17	23	19.7	84037	PASS

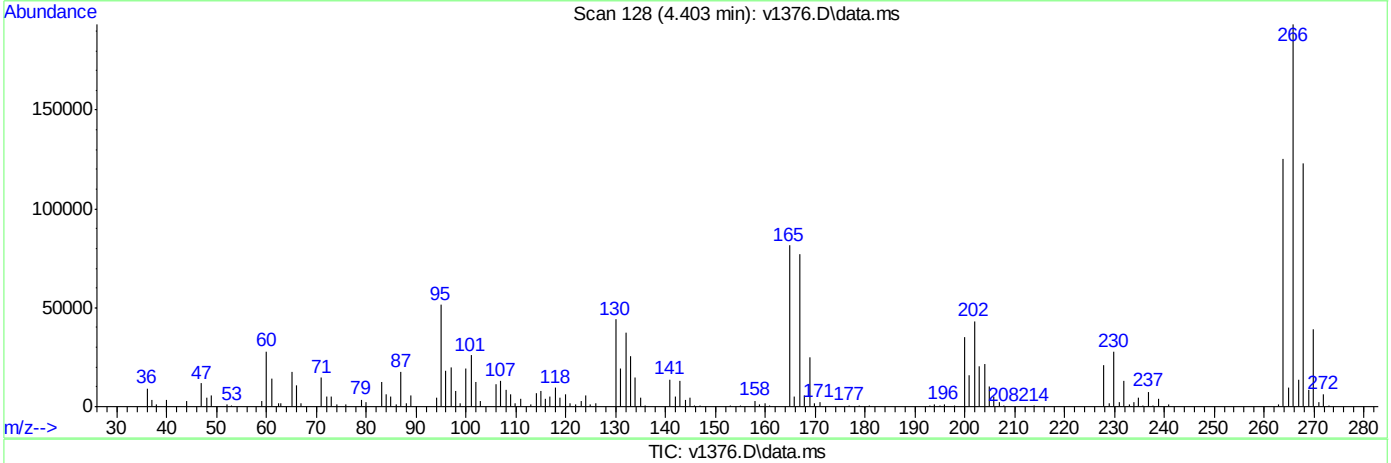
v1376.D dftpp.m Tue Sep 07 11:49:52 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1376.D
Acq On    :  7 Sep 2010   9:50 am
Operator  : murtuzak
Sample    : dftpp
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:49:55 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title  :
QLast Update : Thu Sep 02 09:19:54 2010
Response via : Initial Calibration
```





TIC: v1376.D\data.ms

(1) Pentachlorophenol

4.403min (-0.125) 0.00

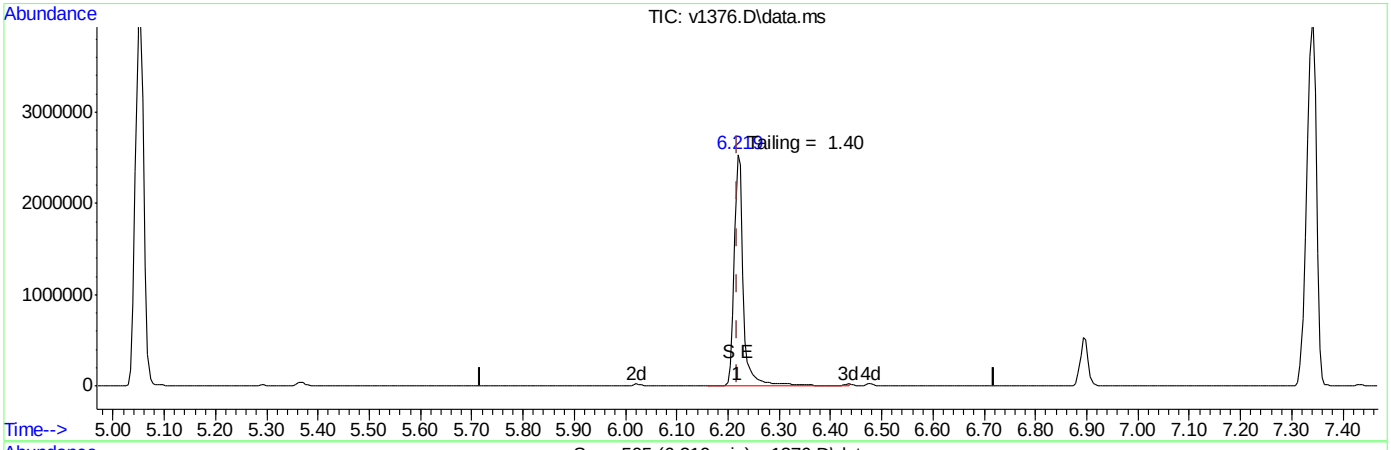
response 2981673

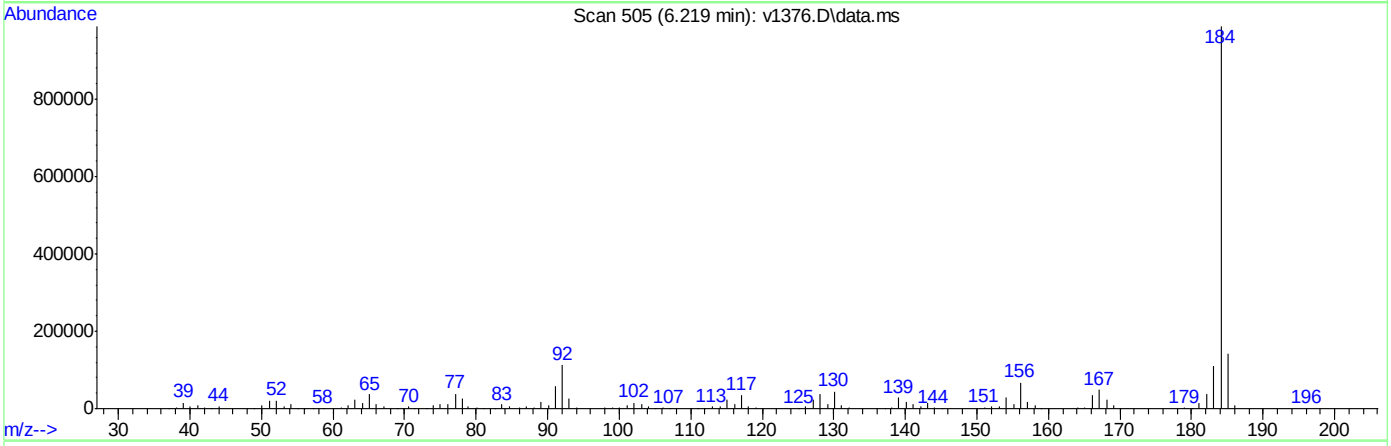
Signal	Exp%	Act%
TIC	100	100
268.00	764.40	7.95#
264.00	756.00	7.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1376.D
Acq On    :  7 Sep 2010   9:50 am
Operator  : murtuzak
Sample    : dftpp
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:50:28 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title  :
QLast Update : Tue Sep 07 11:50:24 2010
Response via : Initial Calibration
```





TIC: v1376.D\data.ms

(3) Benzidine

6.219min (0.000) 0.00

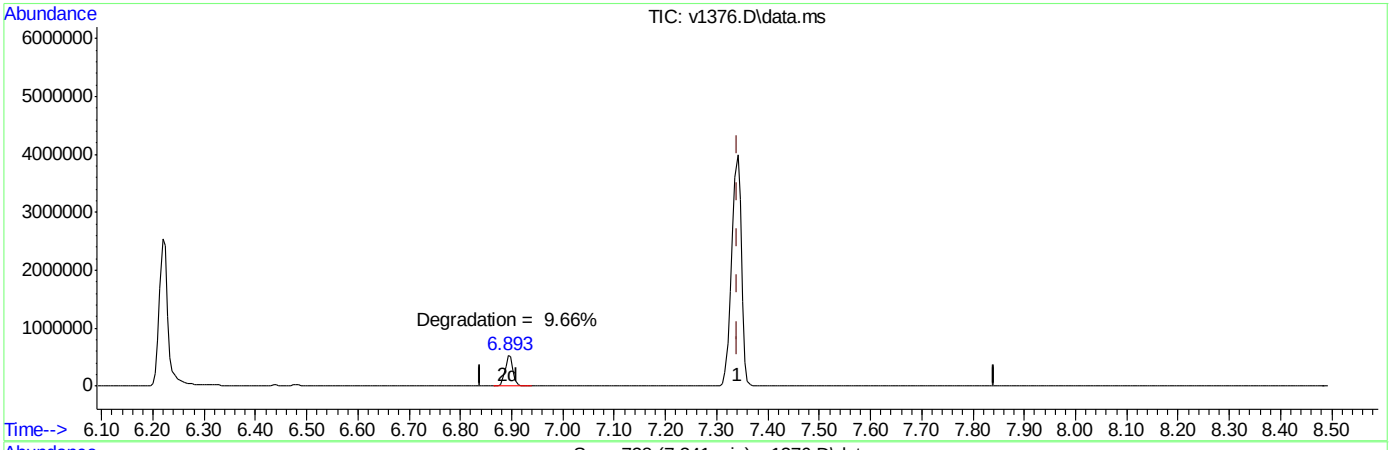
response 3010951

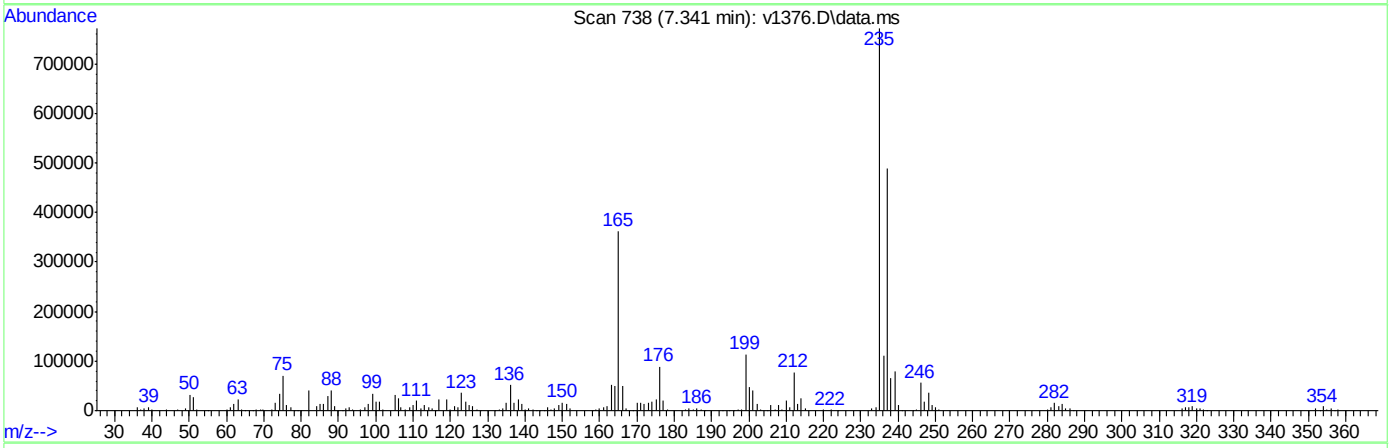
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1376.D
Acq On    :  7 Sep 2010   9:50 am
Operator  : murtuzak
Sample    : dftpp
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 11:50:28 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title  :
QLast Update : Tue Sep 07 11:50:24 2010
Response via : Initial Calibration
```





(4) DDT

7.341min (0.000) 0.00

response 5237192

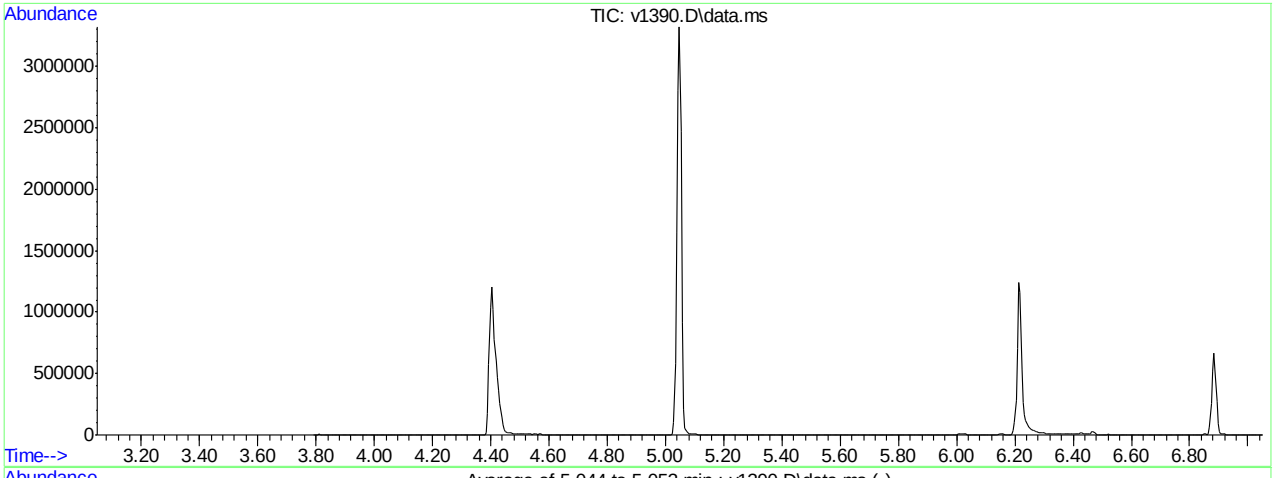
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP

Data File : C:\msdchem\1\DATA\ev82\v1390.D
Acq On : 7 Sep 2010 4:03 pm
Sample : dftpp
Misc : op15188,ev82,1000,,,1,1,water
MS Integration Params: rteint.p

Vial: 1
Operator: murtuzak
Inst : MS V
Multiplr: 1.00

Method : C:\msdchem\1\METHODS\dftpp.m (RTE Integrator)
Title :



AutoFind: Scans 261, 262, 263; Background Corrected with Scan 254

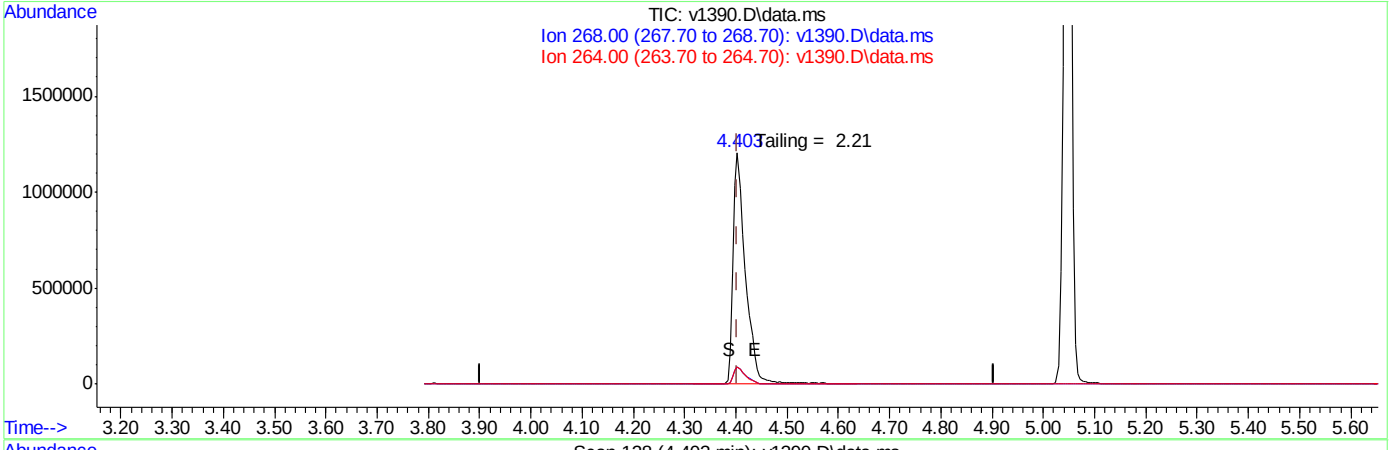
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	39.4	130939	PASS
68	69	0.00	2	1.4	1812	PASS
69	198	0.00	100	38.7	128725	PASS
70	69	0.00	2	0.4	496	PASS
127	198	40	60	46.8	155589	PASS
197	198	0.00	1	0.6	2116	PASS
198	198	100	100	100.0	332608	PASS
199	198	5	9	6.7	22203	PASS
275	198	10	30	24.0	79712	PASS
365	198	1	100	3.3	11085	PASS
441	443	0.01	100	74.5	43776	PASS
442	198	40	100	91.8	305451	PASS
443	442	17	23	19.2	58755	PASS

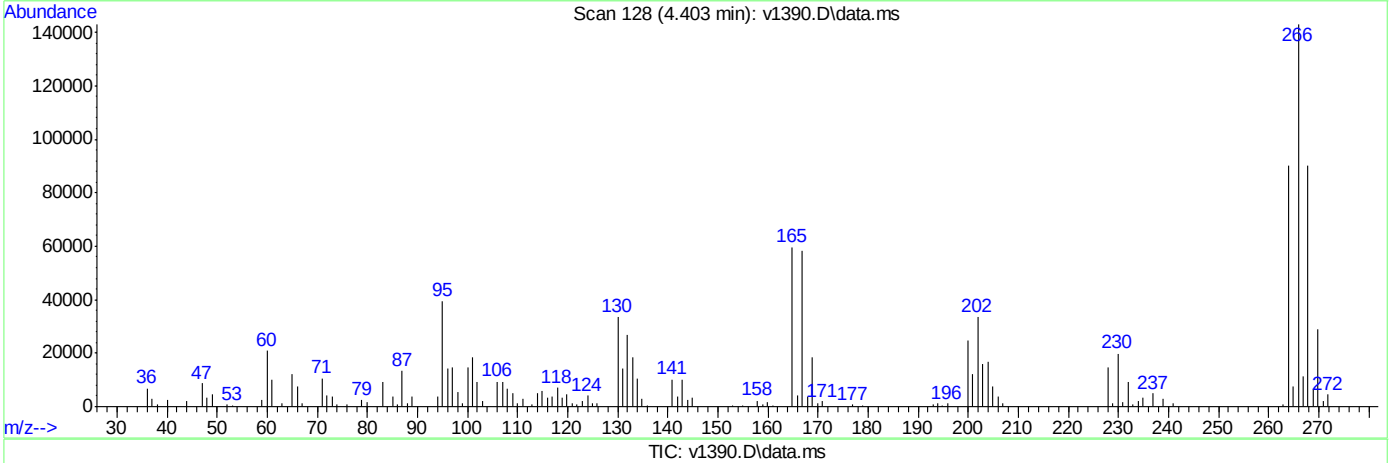
v1390.D dftpp.m Tue Sep 07 17:12:00 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1390.D
Acq On    :  7 Sep 2010   4:03 pm
Operator  : murtuzak
Sample    : dftpp
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 16:57:55 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title  :
QLast Update : Tue Sep 07 11:50:24 2010
Response via : Initial Calibration
```





TIC: v1390.D\data.ms

(1) Pentachlorophenol

4.403min (-0.000) 0.00

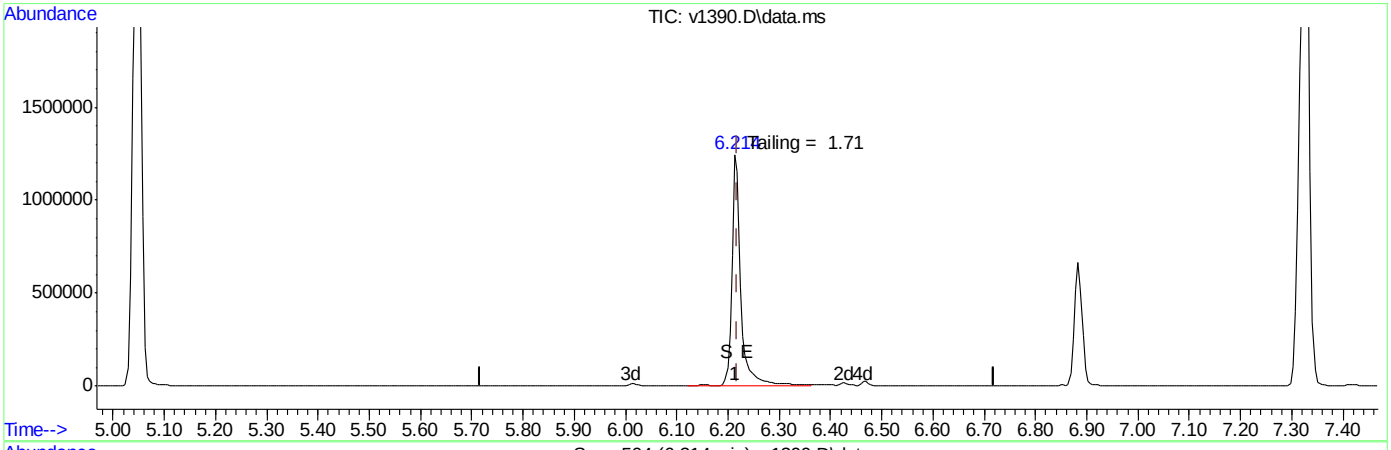
response 1982139

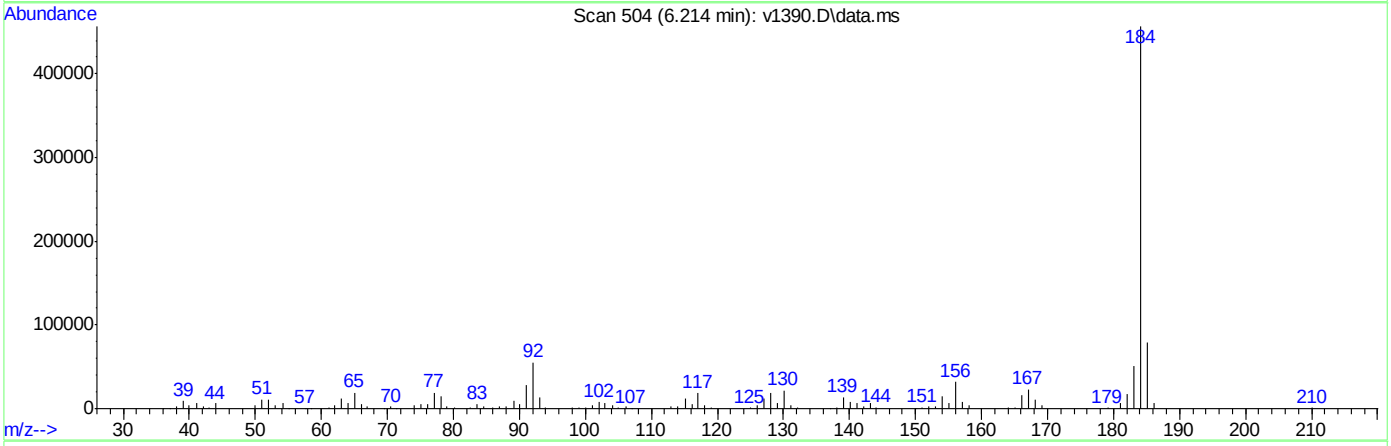
Signal	Exp%	Act%
TIC	100	100
268.00	749.70	7.68#
264.00	763.60	7.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1390.D
Acq On    :  7 Sep 2010   4:03 pm
Operator  : murtuzak
Sample    : dftpp
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 07 16:57:55 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title  :
QLast Update : Tue Sep 07 11:50:24 2010
Response via : Initial Calibration
```





TIC: v1390.D\data.ms

(3) Benzidine

6.214min (-0.005) 0.00

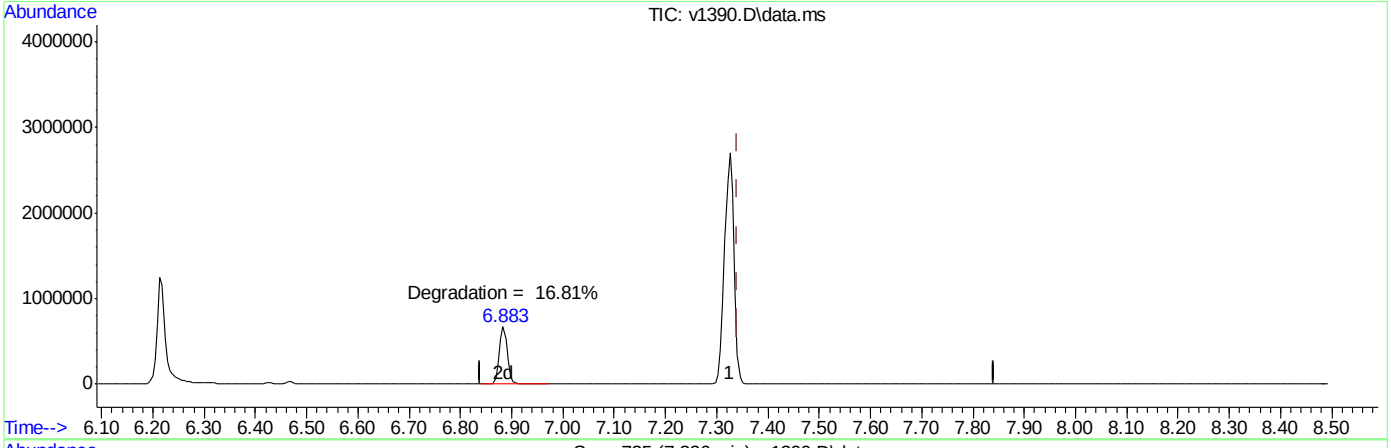
response 1476266

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1390.D
Acq On : 7 Sep 2010 4:03 pm
Operator : murtuzak
Sample : dftpp
Misc : op15188,ev82,1000,,,1,1,water
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 16:57:55 2010
Quant Method : C:\msdchem\1\METHODS\dftpp.m
Quant Title :
QLast Update : Tue Sep 07 11:50:24 2010
Response via : Initial Calibration



TIC: v1390.D\data.ms

(4) DDT

7.326min (-0.015) 0.00

response 3493005

Signal	Exp%	Act%
TIC	100	100
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0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : icc921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.677	152	418537	40.00	ppm	-0.04
31) Naphthalene-d8	5.934	136	1627265	40.00	ppm	-0.05
57) Acenaphthene-d10	8.464	164	1088965	40.00	ppm	-0.06
88) Phenanthrene-d10	11.283	188	1793818	40.00	ppm	-0.08
118) Chrysene-d12	16.824	240	1335846	40.00	ppm	-0.09
134) Perylene-d12	19.627	264	705823	40.00	ppm	-0.09
System Monitoring Compounds						
13) 2-Fluorophenol	3.607	112	2361680	185.33	ppm	-0.03
Spiked Amount 100.000	Range 23 - 110		Recovery = 185.33%#			
15) Phenol-d5	4.426	99	2773047	181.97	ppm	-0.03
Spiked Amount 100.000	Range 23 - 114		Recovery = 181.97%#			
32) Nitrobenzene-d5	5.196	82	1360897	97.39	ppm	-0.06
Spiked Amount 50.000	Range 36 - 126		Recovery = 194.78%#			
61) 2-Fluorobiphenyl	7.378	172	2617089	91.50	ppm	-0.07
Spiked Amount 50.000	Range 34 - 132		Recovery = 183.00%#			
93) 2,4,6-Tribromophenol	9.935	330	572627	181.38	ppm	-0.07
Spiked Amount 100.000	Range 33 - 138		Recovery = 181.38%#			
121) Terphenyl-d14	14.668	244	2636239	31.39	ppm	-0.08
Spiked Amount 50.000	Range 46 - 136		Recovery = 62.78%			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.062	79	453073m	40.14	ppm	
3) 1,4-Dioxane	2.008	88	346614m	45.93	ppm	
4) N-nitrosodimethylamine	2.356	42	292520m	52.42	ppm	
5) Pyridine	2.334	79	729246m	50.90	ppm	
6) 2-Picoline	3.040	93	766390m	45.44	ppm	
7) N-Nitrosomethylethylamine	3.180	42	385795	50.18	ppm	99
8) Methyl methanesulfonate	3.447	80	339283	47.07	ppm #	1
9) N-Nitrosodiethylamine	3.789	102	371091	45.34	ppm	99
10) Ethyl methanesulfonate	4.057	79	513092	46.07	ppm	100
11) Benzaldehyde	4.313	106	224836	85.64	ppm	98
12) Aniline	4.410	93	810351	44.68	ppm	82
14) bis(2-Chloroethyl)ether	4.463	93	823947	46.24	ppm	94
16) Phenol	4.431	94	874166	46.27	ppm	83
17) 2-Chlorophenol	4.522	128	659572	44.32	ppm	99
18) 1,3-Dichlorobenzene	4.629	146	731598	43.67	ppm	100
19) 1,4-Dichlorobenzene	4.693	146	781302	47.29	ppm	99
20) 1,2-Dichlorobenzene	4.827	146	703287	45.95	ppm	99
21) Benzyl alcohol	4.816	108	443890	44.22	ppm	100
22) bis(2-chloroisopropyl)...	4.928	45	1204857	50.28	ppm	98
23) 2-Methylphenol	4.971	108	630173m	43.67	ppm	
24) N-Nitrosopyrrolidine	5.041	100	386806	48.24	ppm #	68
25) N-Nitrosomorpholine	5.068	56	475534	51.93	ppm	98
26) o-Toluidine	5.084	106	1141645	47.64	ppm #	82
27) Acetophenone	5.052	105	909341	45.30	ppm #	99
28) Hexachloroethane	5.137	117	280801	45.81	ppm	99
29) N-Nitroso-di-n-propyla...	5.073	70	514839	48.09	ppm	84
30) 3&4-Methylphenol	5.094	108	690937	47.10	ppm #	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : icc921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.212	77	709396	49.05	ppm		98
34) N-Nitrosopiperidine	5.356	42	507542	53.30	ppm		92
36) Isophorone	5.453	82	1446854	47.30	ppm		99
37) 2-Nitrophenol	5.522	139	319279	45.99	ppm		96
38) 2,4-Dimethylphenol	5.597	107	675695	47.88	ppm		97
39) bis(2-Chloroethoxy)met...	5.667	93	1033330	50.31	ppm		100
40) O,O,O-Triethyl phospho...	5.645	121	324186	49.77	ppm		99
41) Benzoic Acid	5.758	105	154844	21.01	ppm		94
42) 2,4-Dichlorophenol	5.806	162	496433	48.22	ppm		99
43) 1,2,4-Trichlorobenzene	5.870	180	587762	46.68	ppm		100
44) Naphthalene	5.961	128	1993314	47.23	ppm		100
45) 4-Chloroaniline	6.025	127	732990	45.65	ppm		98
46) 2,6-Dichlorophenol	6.046	162	490806	48.94	ppm		99
47) Hexachloropropene	6.068	213	215158	42.08	ppm		99
48) Hexachlorobutadiene	6.116	225	302642	46.96	ppm		99
50) Caprolactam	6.506	113	241110	51.34	ppm		94
51) N-Nitrosodi-n-butylamine	6.442	84	524087	43.94	ppm		96
52) 4-Chloro-3-methylphenol	6.683	107	575641	49.79	ppm		99
53) Isosafrole	6.715	162	527539	47.42	ppm		99
54) 2-Methylnaphthalene	6.833	142	1346743	46.98	ppm		99
55) 1-Methylnaphthalene	6.972	142	1324097	47.34	ppm		100
56) 1,2,4,5-Tetrachloroben...	7.079	216	523376	47.50	ppm		100
58) Hexachlorocyclopentadiene	7.073	237	72910	34.65	ppm		97
59) 2,4,6-Trichlorophenol	7.266	196	335010	47.62	ppm		99
60) 2,4,5-Trichlorophenol	7.357	196	312160	48.14	ppm		100
62) Safrole	7.480	162	545412	45.14	ppm		98
63) 1,1'-Biphenyl	7.533	154	1576164	46.92	ppm		100
64) 2-Chloronaphthalene	7.555	162	1537155	47.33	ppm		96
65) 1-Chloronaphthalene	7.587	162	1016386	50.70	ppm		100
66) 2-Nitroaniline	7.720	65	466895	49.42	ppm		95
67) 1,4-Naphthoquinone	7.822	158	498569	52.08	ppm		96
68) Acenaphthylene	8.218	152	2105882	47.46	ppm		100
69) Dimethylphthalate	8.057	163	1566836	47.16	ppm		100
70) m-Dinitrobenzene	8.084	168	247719	47.42	ppm		97
71) 2,6-Dinitrotoluene	8.132	165	372872	49.42	ppm		84
72) Acenaphthene	8.523	153	1341987	47.74	ppm		100
73) 3-Nitroaniline	8.421	138	339042	39.71	ppm		97
74) 2,4-Dinitrophenol	8.619	184	128050	31.85	ppm		87
75) Dibenzofuran	8.828	168	1784101	47.29	ppm		99
76) Pentachlorobenzene	10.427	250	381608	47.46	ppm	#	97
77) 2,4-Dinitrotoluene	8.844	165	456542	49.37	ppm		97
78) 4-Nitrophenol	8.881	109	126097	61.50	ppm	#	64
79) 1-Naphthylamine	8.967	143	908073	51.76	ppm		98
80) 2-Naphthylamine	9.116	143	730950	49.96	ppm		100
81) 2,3,4,6-Tetrachlorophenol	9.095	232	270452	51.82	ppm		99
82) Fluorene	9.453	166	1492782	48.11	ppm		99
83) 4-Chlorophenyl-phenyle...	9.480	204	666251	50.36	ppm		100
84) Diethylphthalate	9.325	149	1627784	48.89	ppm		100
85) 5-Nitro-o-toluidine	9.523	152	448262	43.60	ppm		94
86) Thionazin	10.325	97	231930	50.15	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : icc921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
87)	4-Nitroaniline	9.550	138	332193	46.25	ppm		98
89)	4,6-Dinitro-2-methylph...	9.619	198	224674	43.79	ppm		99
90)	n-Nitrosodiphenylamine	9.721	169	1300263	46.24	ppm		99
91)	1,2-Diphenylhydrazine	9.785	77	1655110	45.46	ppm		100
92)	Diphenylamine	9.721	169	1300263	46.24	ppm		99
94)	Tetraethyl dithiopyrop...	10.095	97	272064	47.33	ppm		93
95)	sym-Trinitrobenzene	10.341	213	158878	90.41	ppm	#	1
96)	Diallate	10.315	43	751972	50.66	ppm		90
97)	Phorate	10.325	75	1409502	54.01	ppm		94
98)	4-Bromophenyl-phenylether	10.427	248	389775	45.09	ppm		98
99)	Phenacetin	10.422	108	742276	69.11	ppm		96
100)	Hexachlorobenzene	10.545	284	427388	47.61	ppm		99
101)	Dimethoate	10.657	87	579057	72.45	ppm		100
102)	Atrazine	10.844	200	310409	71.12	ppm		98
103)	4-aminobiphenyl	10.956	169	1247256	52.32	ppm		100
104)	Pentachlorophenol	10.983	266	153939	55.75	ppm		97
105)	Pentachloronitrobenzene	10.989	237	176564	52.68	ppm		100
106)	Pronamide	11.165	173	724693	61.62	ppm		99
107)	Phenanthrene	11.331	178	2132107	56.48	ppm		99
108)	Anthracene	11.432	178	2152042	48.48	ppm		100
110)	Carbazole	11.791	167	1989349	74.79	ppm		99
111)	Methyl parathion	12.122	109	502406	68.45	ppm		99
112)	Di-n-butylphthalate	12.636	149	2943027	64.71	ppm		100
113)	4-Nitroquinoline 1-Oxide	12.941	190	115677	153.31	ppm		95
114)	Parathion	12.967	97	359764	72.53	ppm		98
115)	Methapyrilene	13.176	58	272128	180.70	ppm		99
116)	Isodrin	13.454	193	276165	58.09	ppm		100
117)	Fluoranthene	13.780	202	2267667	66.73	ppm		99
119)	Benzidine	14.117	184	625539	82.83	ppm		99
120)	Pyrene	14.240	202	2348098	23.10	ppm		99
122)	Aramite	14.695	185	150892	27.01	ppm		95
123)	p-(Dimethylamine)azobe...	14.973	120	745215	29.74	ppm		99
124)	Chlorobenzilate	15.107	139	814146	33.45	ppm		97
126)	3,3'-Dimethylbenzidine	15.674	212	602382	59.67	ppm		98
128)	Butylbenzylphthalate	15.765	149	1117915	48.84	ppm		97
129)	2-Acetylaminofluorene	16.219	181	549588	73.85	ppm		100
130)	3,3'-Dichlorobenzidine	16.802	252	458235	58.46	ppm		99
131)	Benzo[a]anthracene	16.802	228	1640377	47.58	ppm		99
132)	Chrysene	16.877	228	1570475	50.61	ppm		99
133)	bis(2-Ethylhexyl)phtha...	17.049	149	1486717	55.30	ppm		99
135)	Di-n-octylphthalate	18.343	149	2036433	57.57	ppm		100
136)	Benzo[b]fluoranthene	18.942	252	1158731	53.67	ppm		99
137)	Benzo[k]fluoranthene	18.995	252	1089773	54.34	ppm		99
138)	7,12-Dimethylbenz(a)an...	18.937	256	519888m	52.04	ppm		
140)	Benzo[a]pyrene	19.520	252	994428	50.16	ppm		100
141)	3-Methylcholanthrene	20.199	268	448186	51.43	ppm		99
142)	Indeno[1,2,3-cd]pyrene	21.798	276	657785	39.21	ppm		95
143)	Dibenz[a,h]anthracene	21.841	278	547954	38.98	ppm		99
144)	Benzo[g,h,i]perylene	22.408	276	496765	34.48	ppm		99

Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : icc921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration

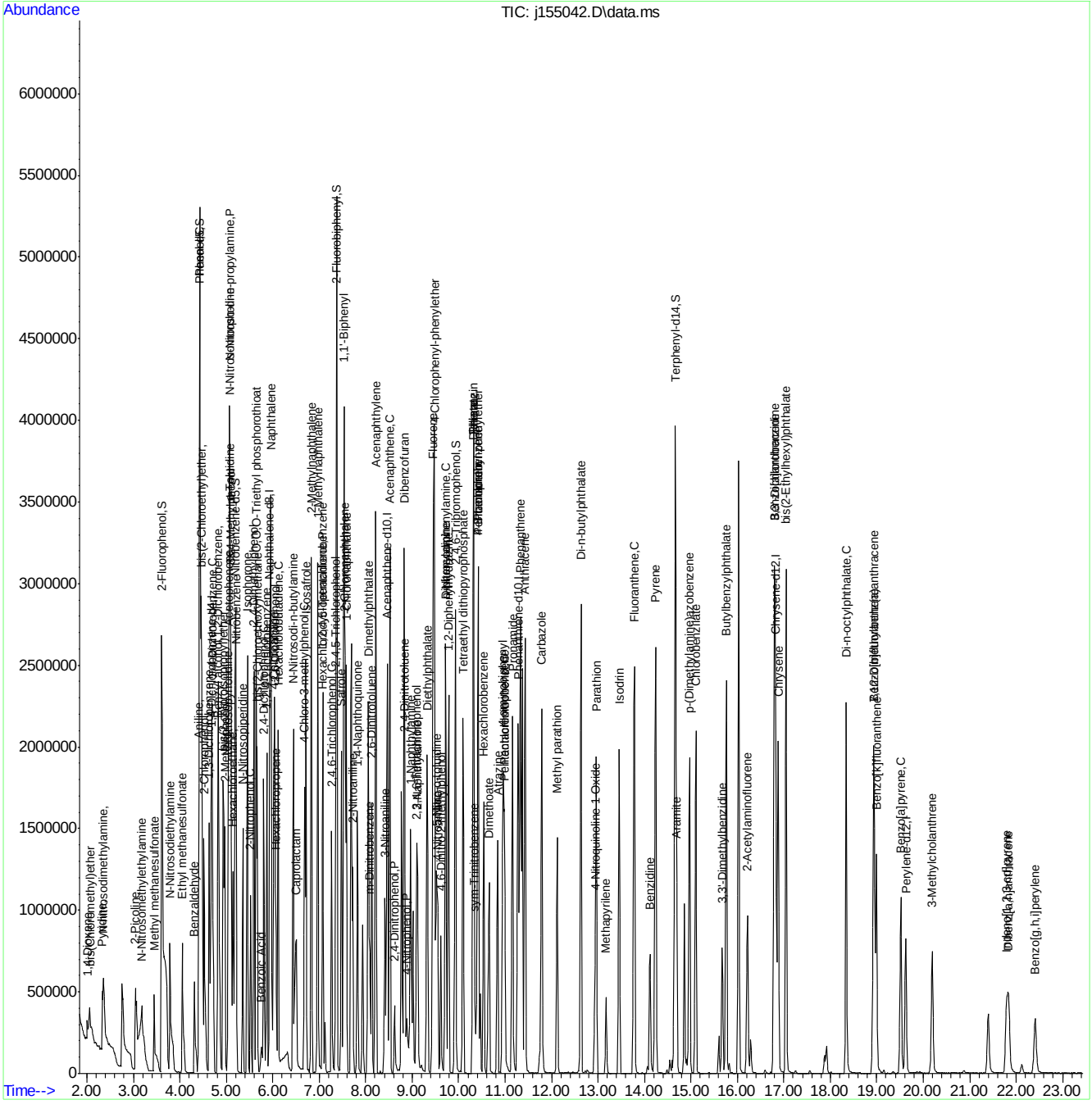
        Compound                  R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : icc921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

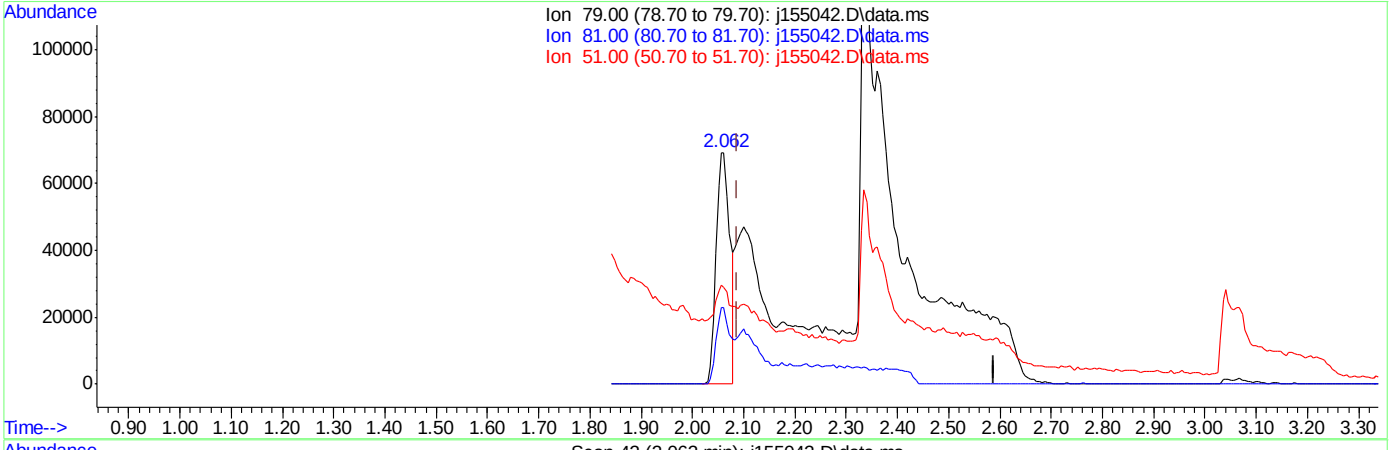
Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration

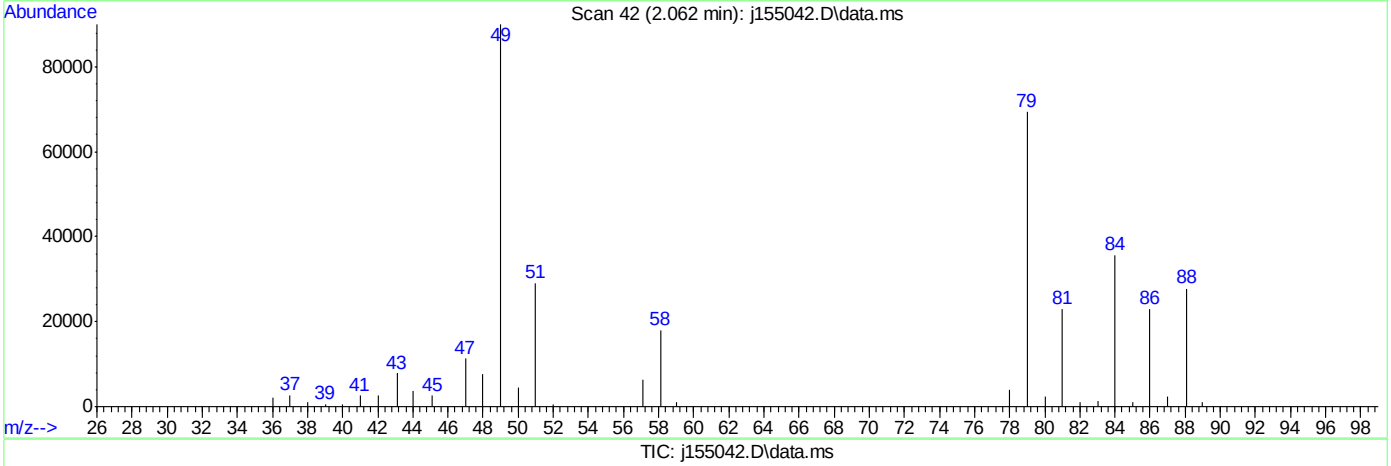


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





(2) bis(Chloromethyl)ether

2.062min (-0.026) 11.44ppm

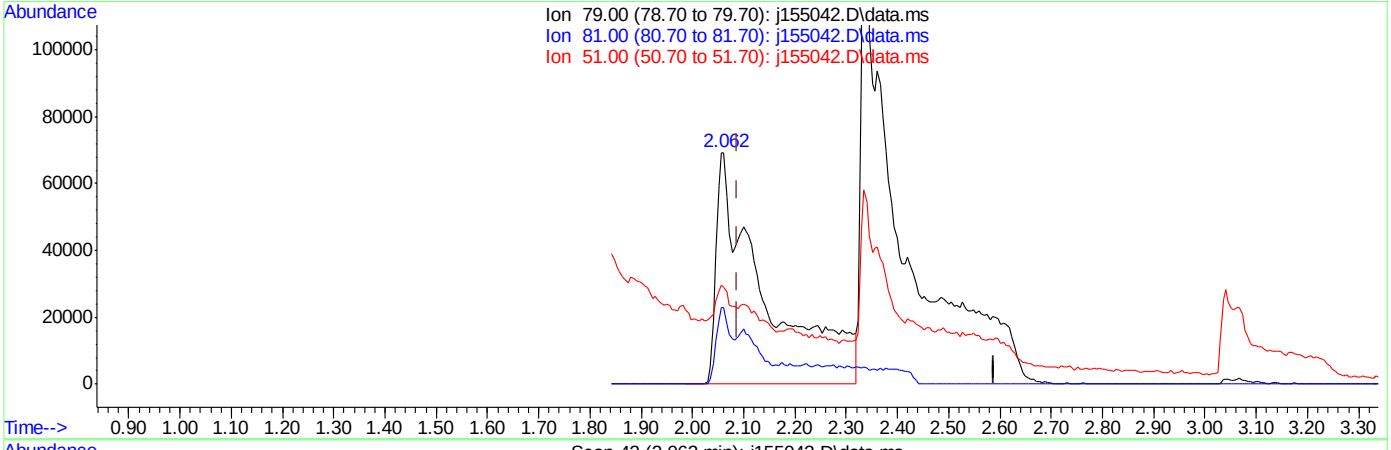
response 129101

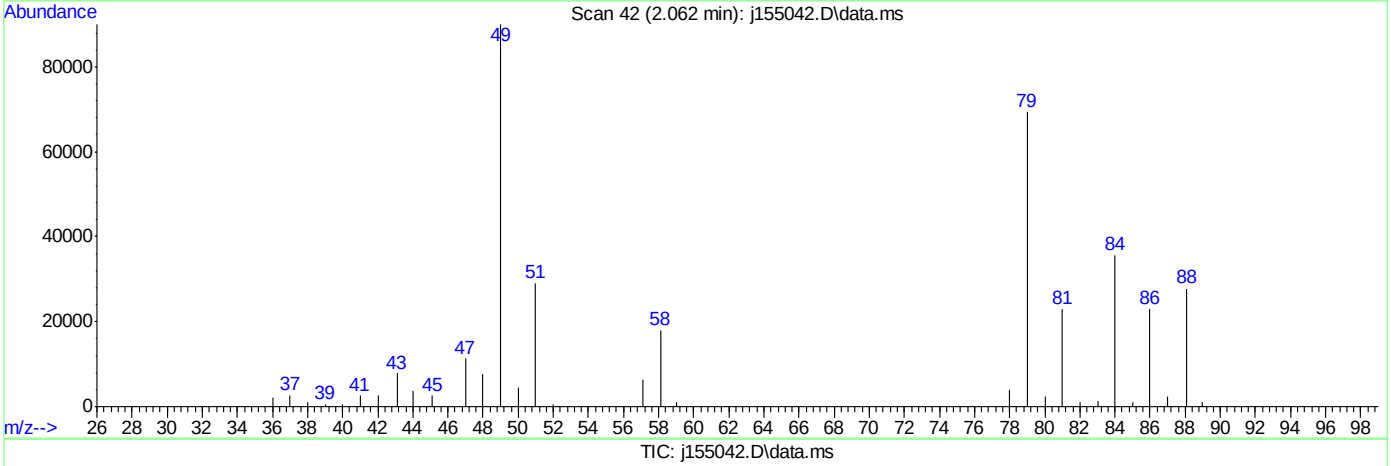
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	36.06
51.00	37.30	15.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





(2) bis(Chloromethyl)ether

2.062min (-0.026) 40.14ppm m

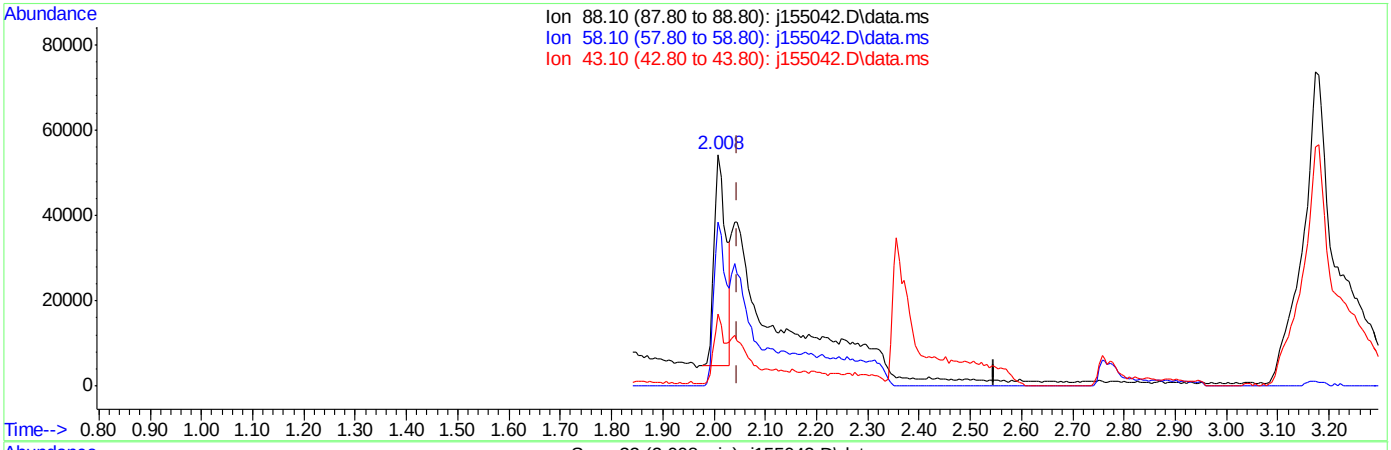
response 453073

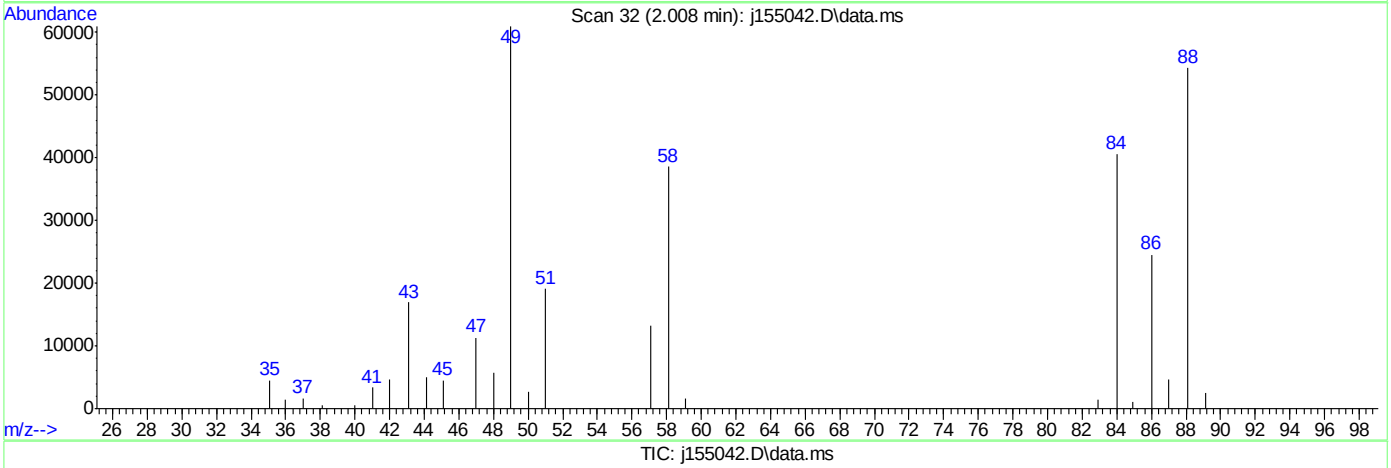
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	10.27#
51.00	37.30	4.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 10.45ppm

response 78848

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	81.68
43.10	29.20	28.81
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : cc918-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
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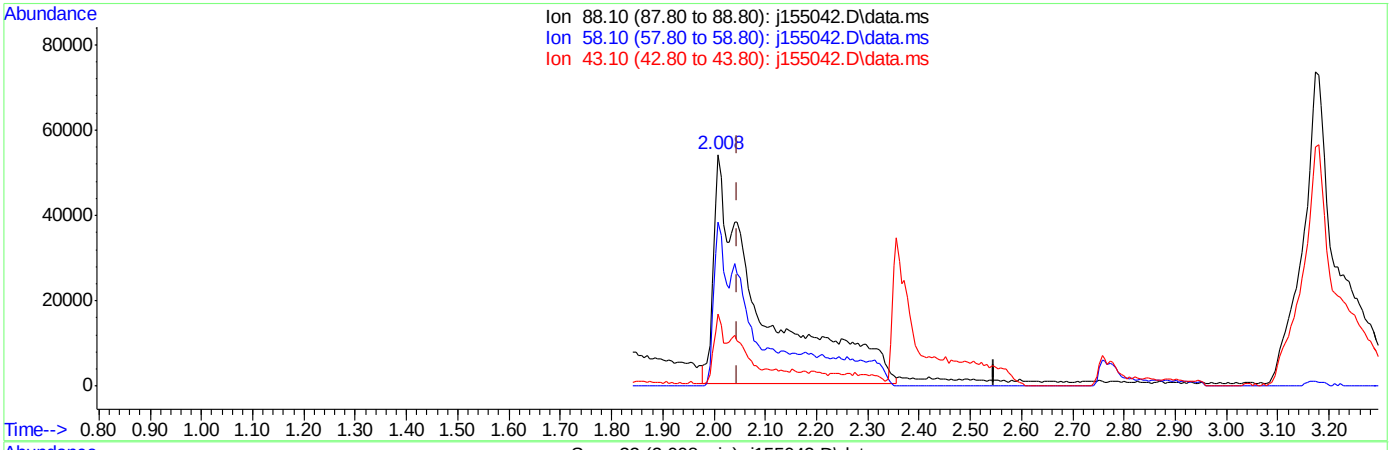
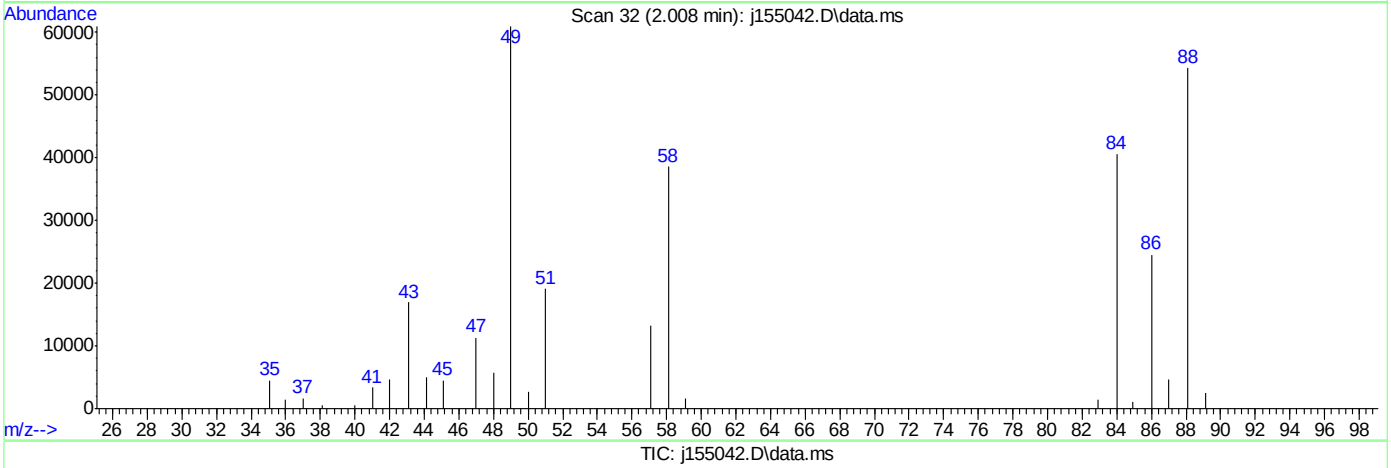




TIC: j155042.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 45.93ppm m

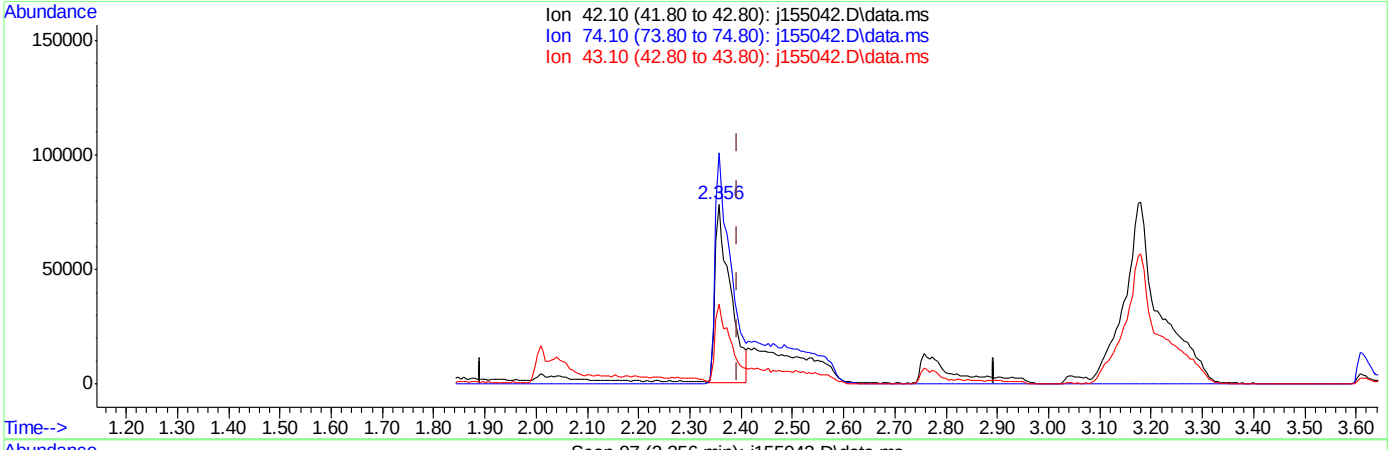
response 346614

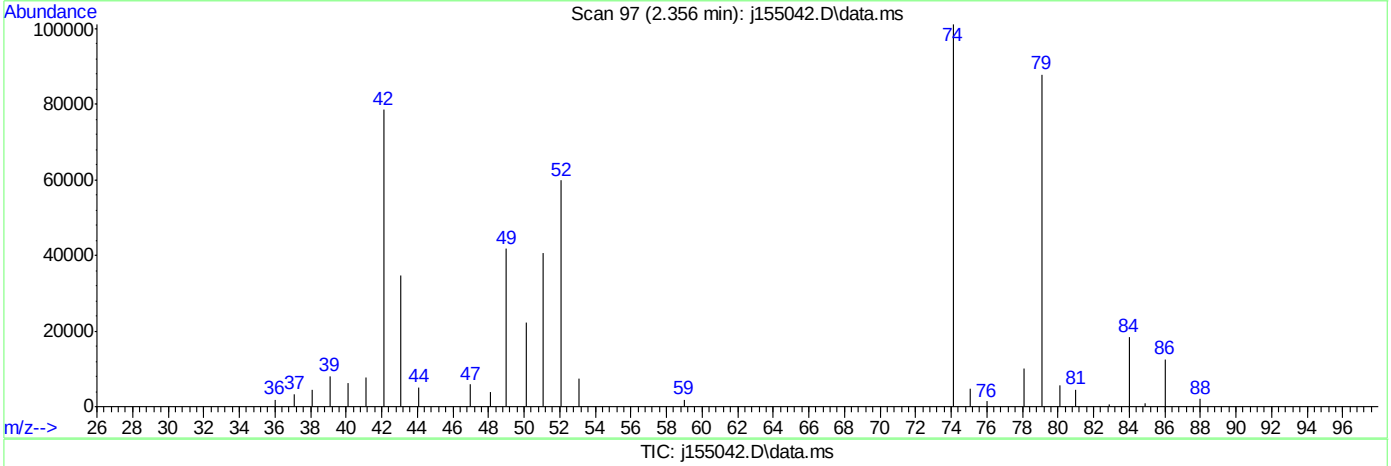
Ion	Exp%	Act%
88.10	100	100
58.10	70.00	18.58#
43.10	29.20	6.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 28.90ppm

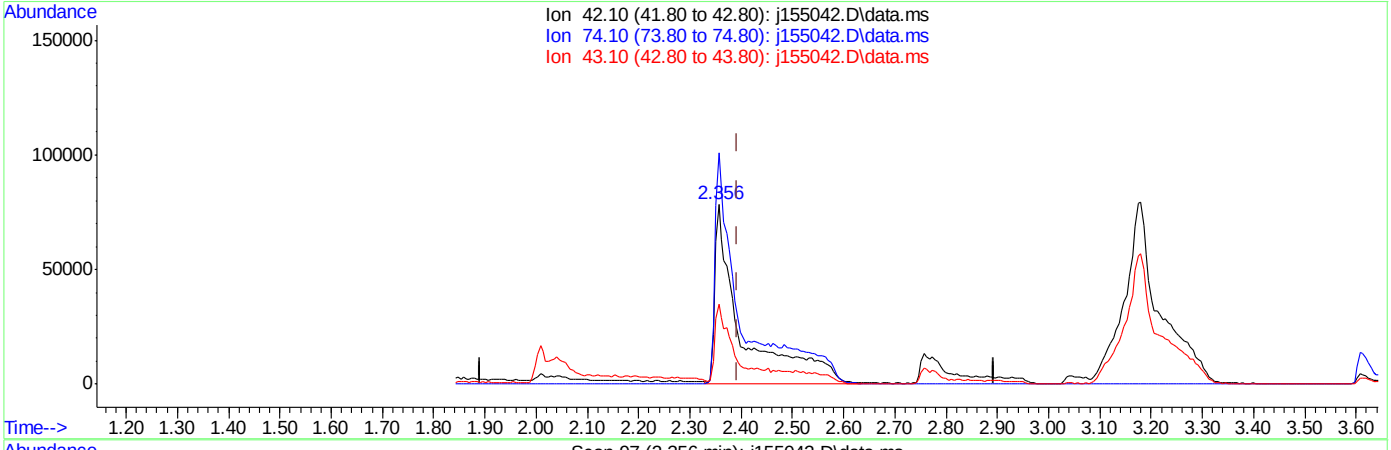
response 161284

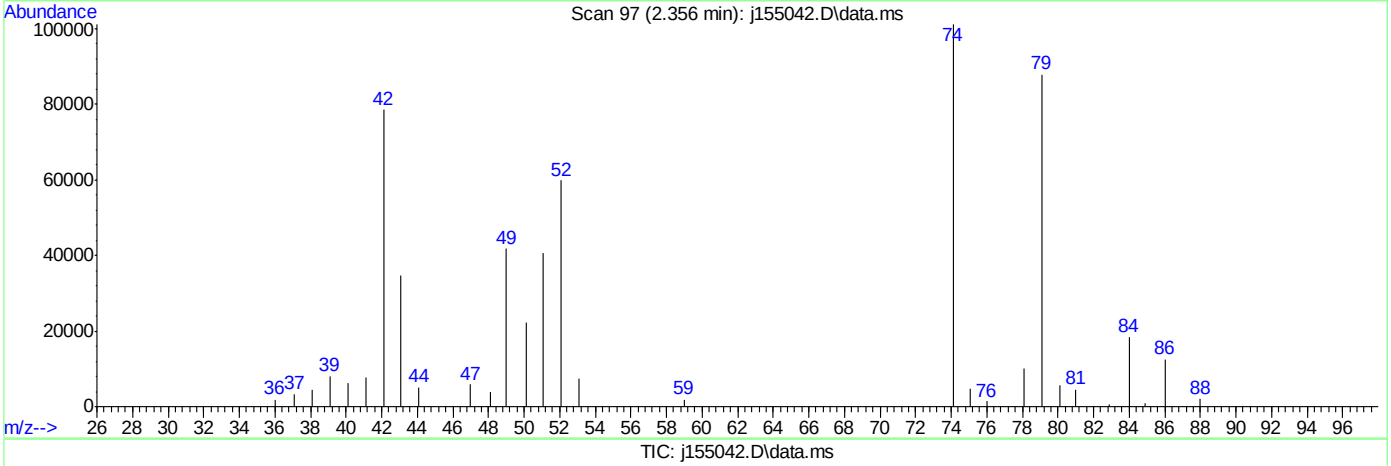
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	156.10#
43.10	44.70	44.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 52.42ppm m

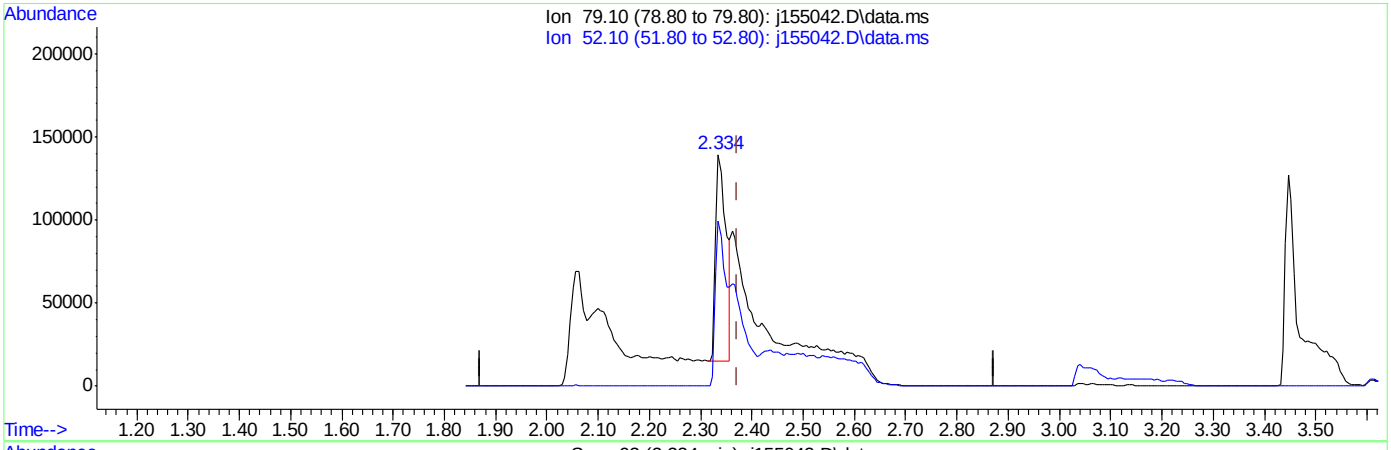
response 292520

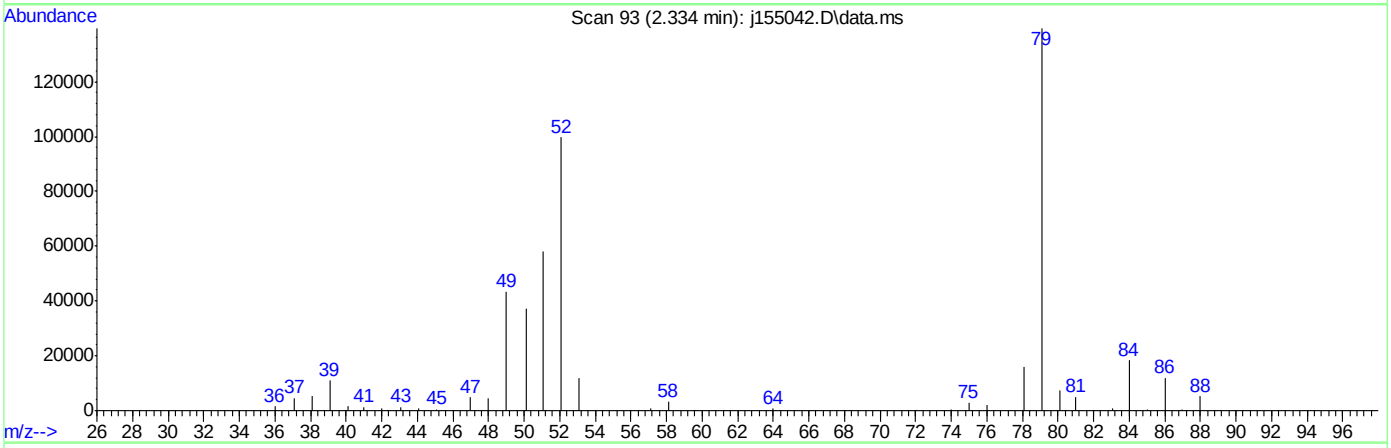
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	86.07#
43.10	44.70	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 12.58ppm

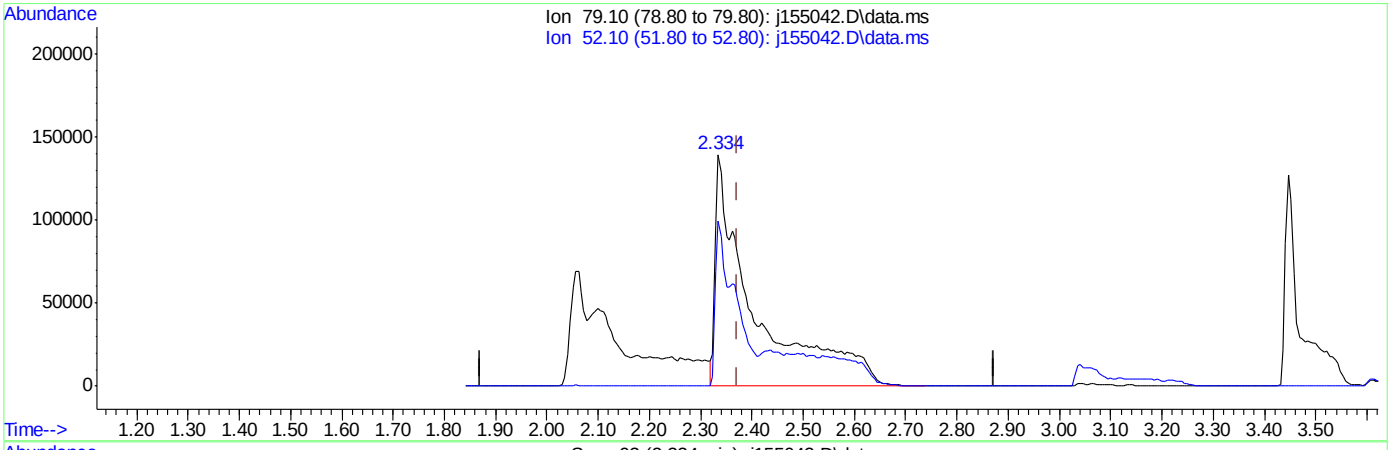
response 180206

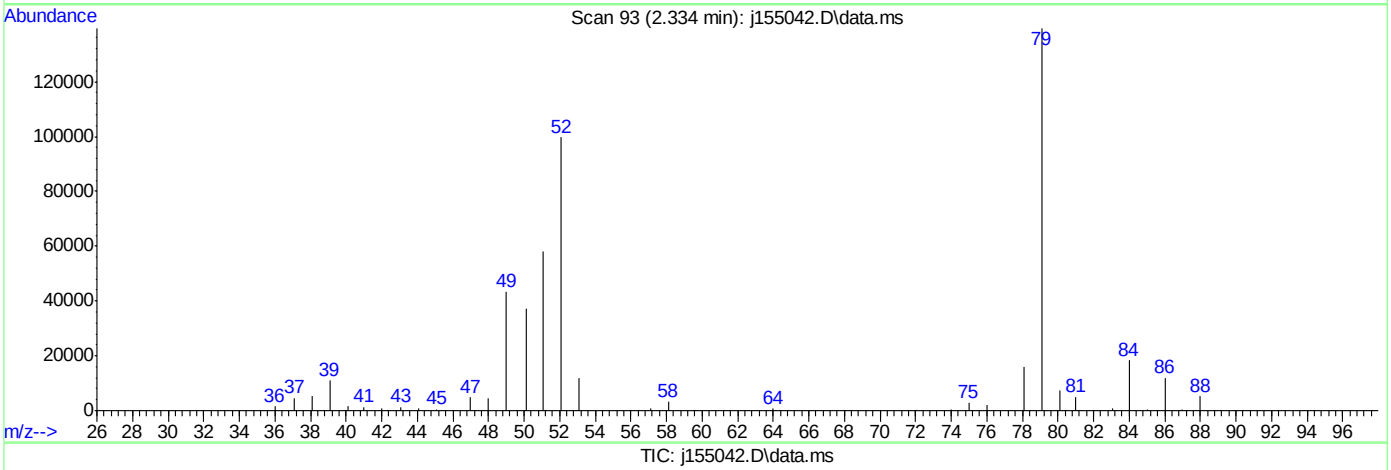
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	148.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 50.90ppm m

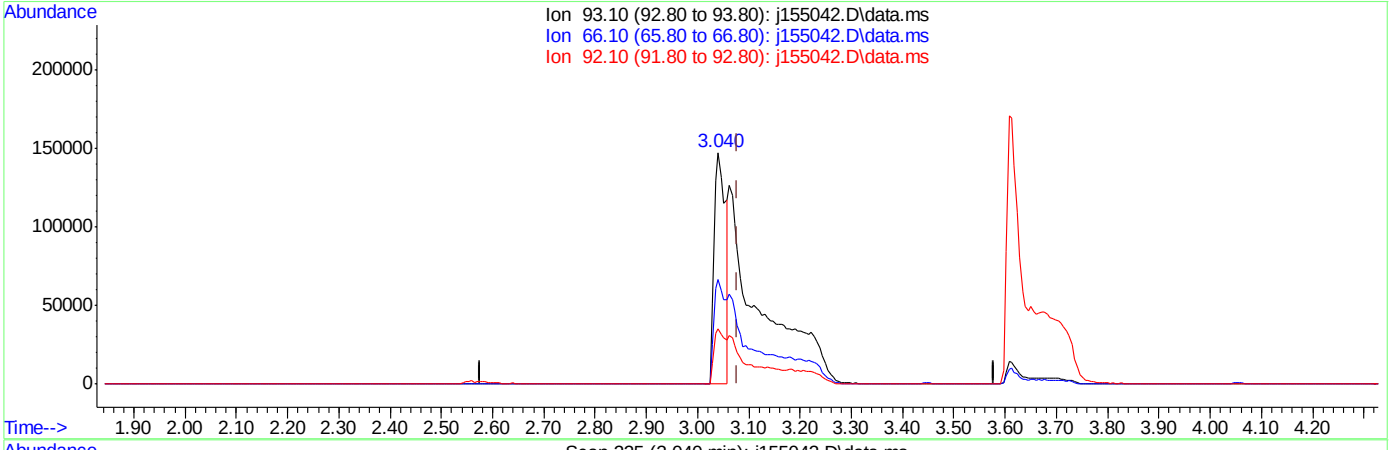
response 729246

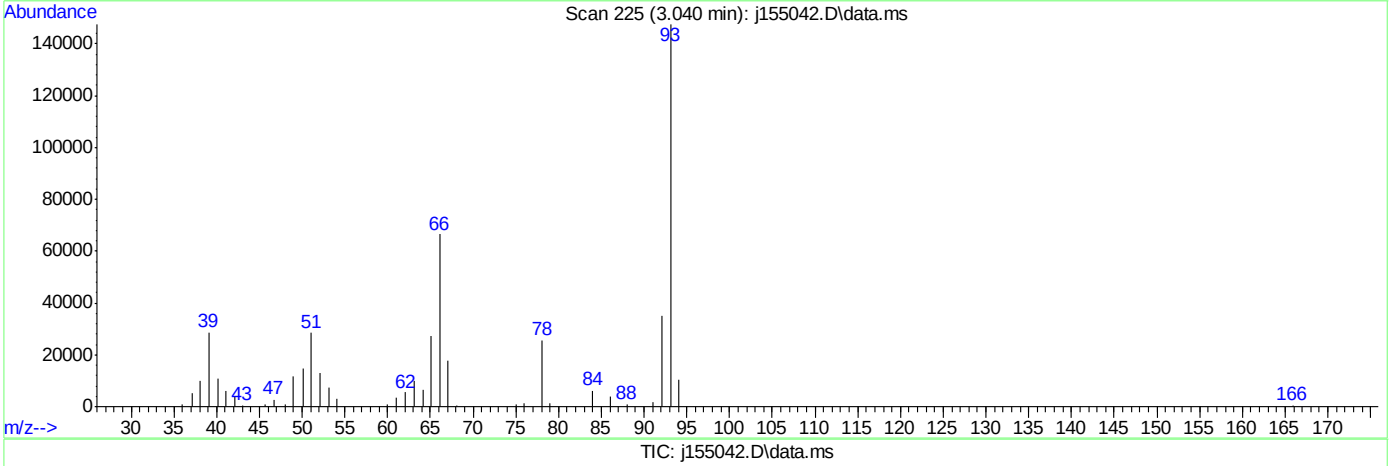
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	36.59#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : cc918-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





TIC: j155042.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 13.20ppm

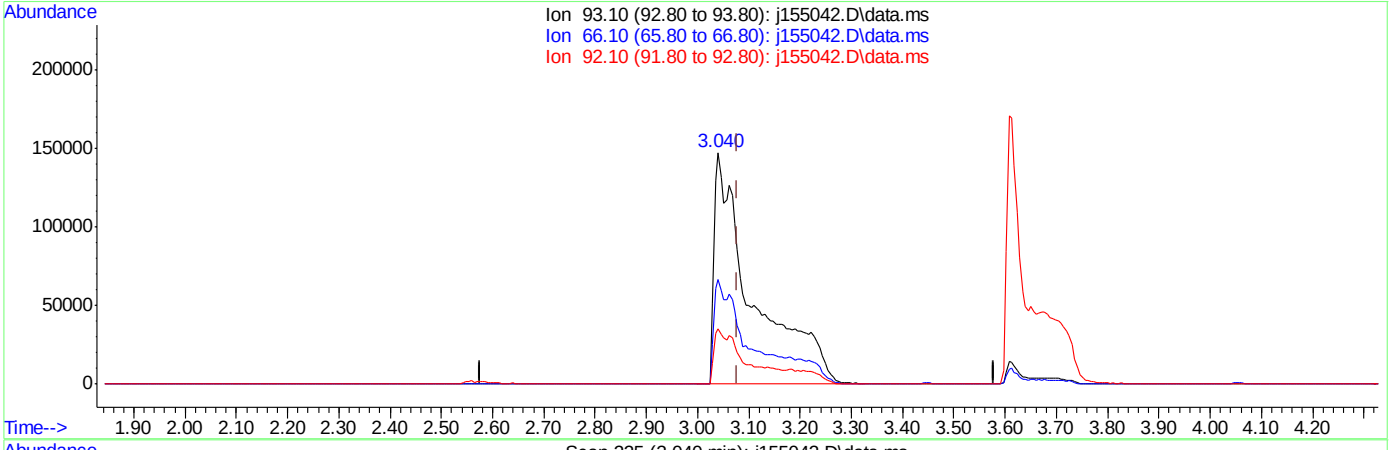
response 222626

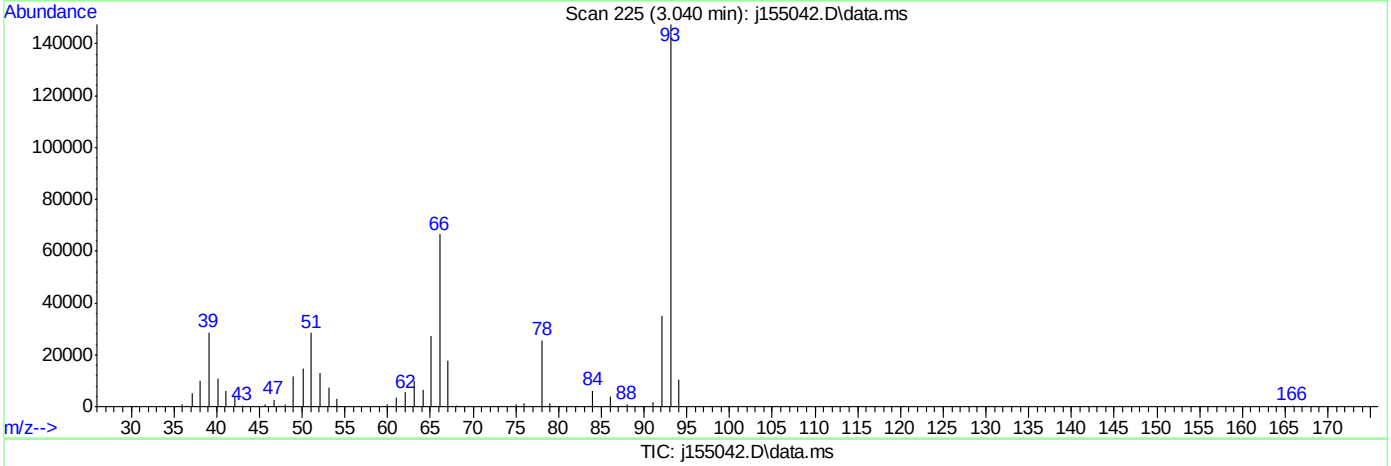
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	125.11#
92.10	23.70	24.36
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : cc918-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





TIC: j155042.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 45.44ppm m

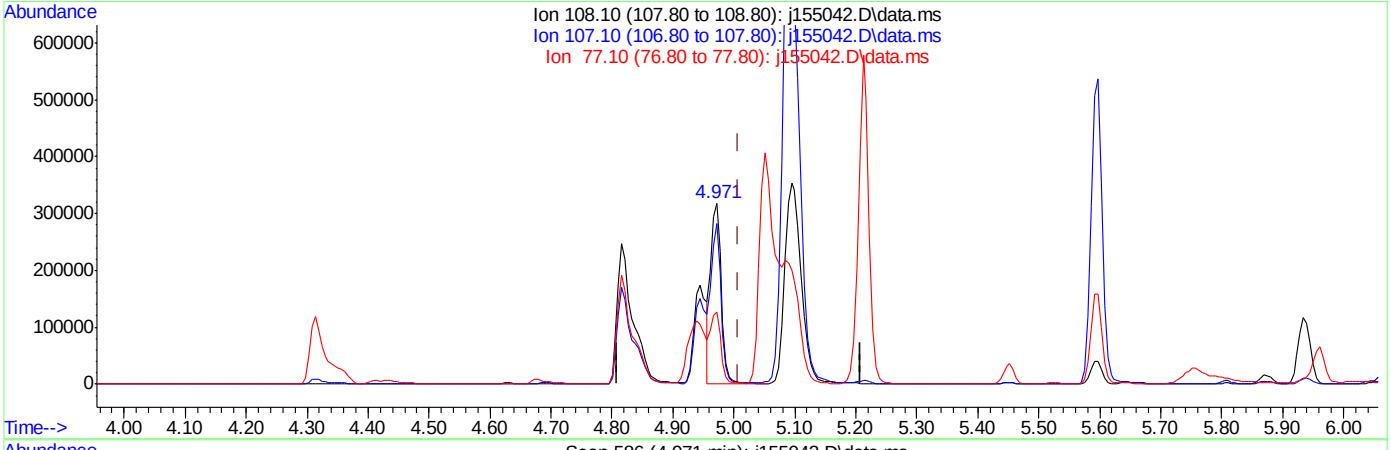
response 766390

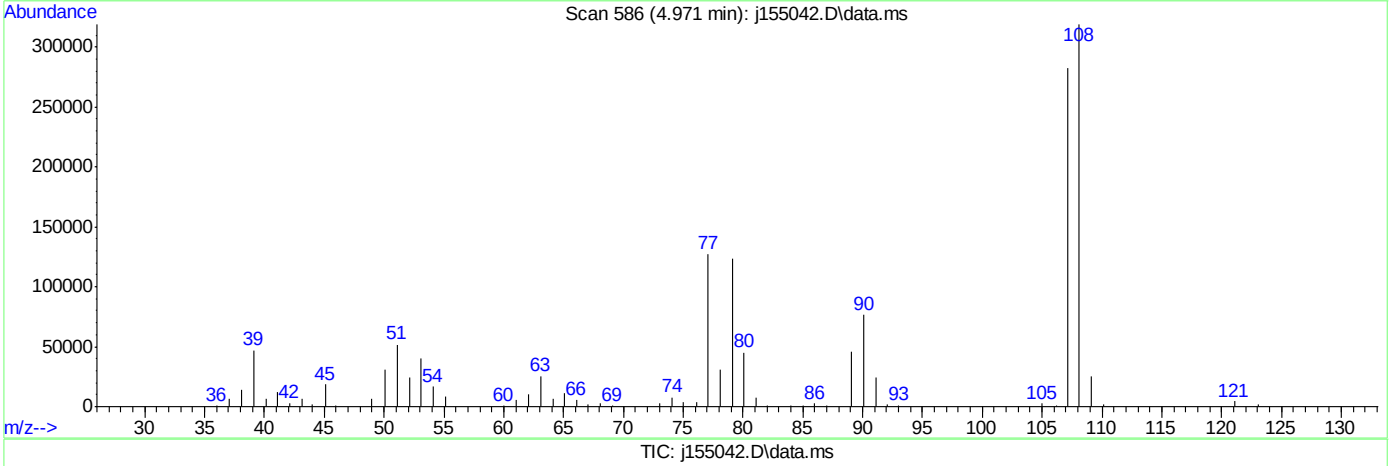
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	36.34
92.10	23.70	7.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(23) 2-Methylphenol ( )

4.971min (-0.038) 26.83ppm

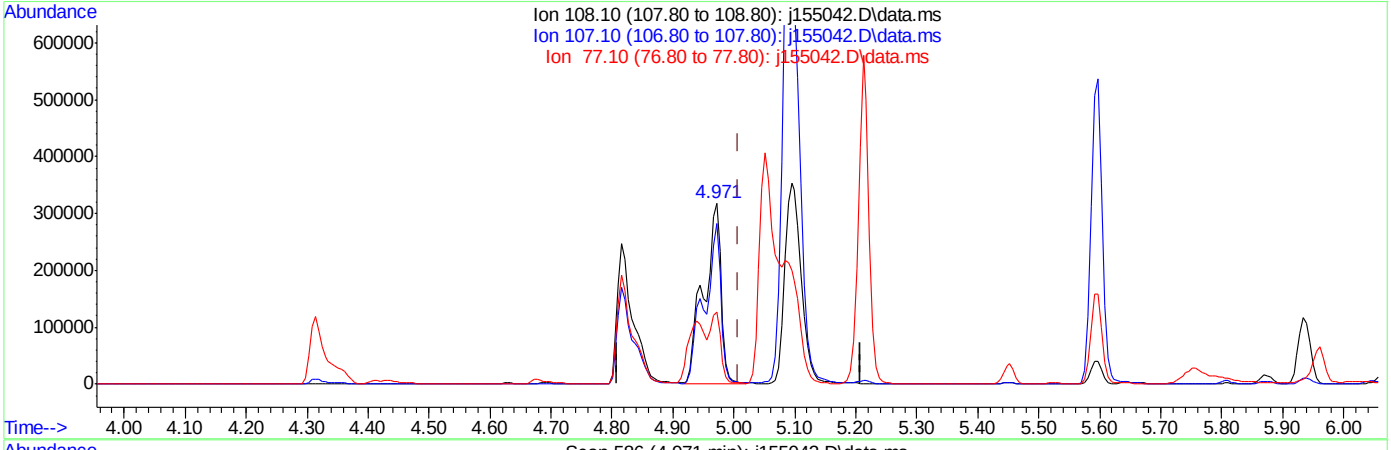
response 387148

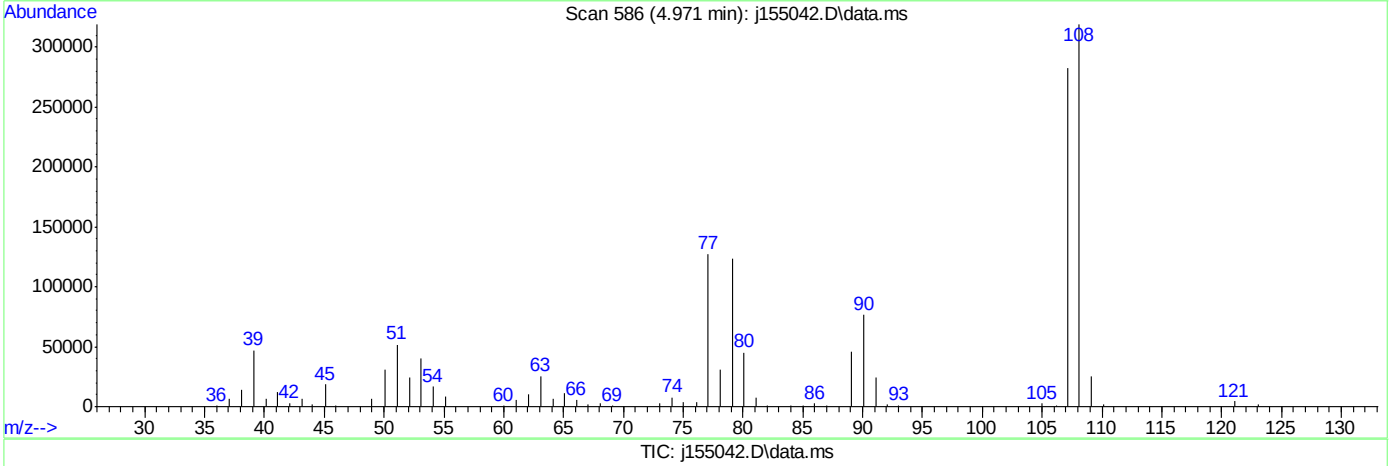
Ion	Exp%	Act%
108.10	100	100
107.10	86.00	84.01
77.10	39.70	39.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On : 5 Sep 2010 10:59 am
Operator : sheilac
Sample : cc918-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 05 12:07:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration





TIC: j155042.D\data.ms

(23) 2-Methylphenol ( )

4.971min (-0.038) 43.67ppm m

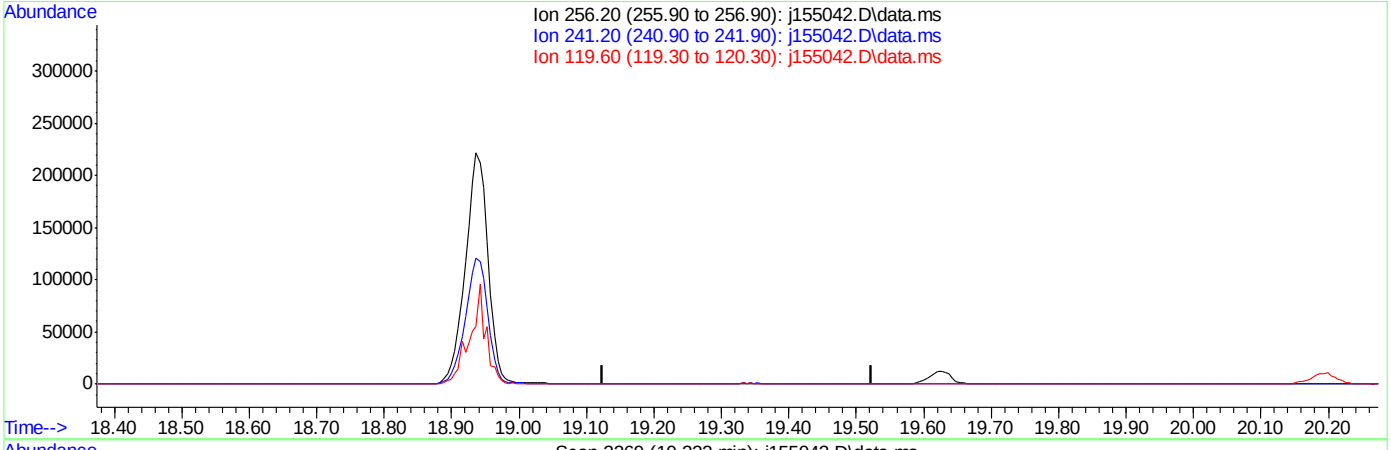
response 630173

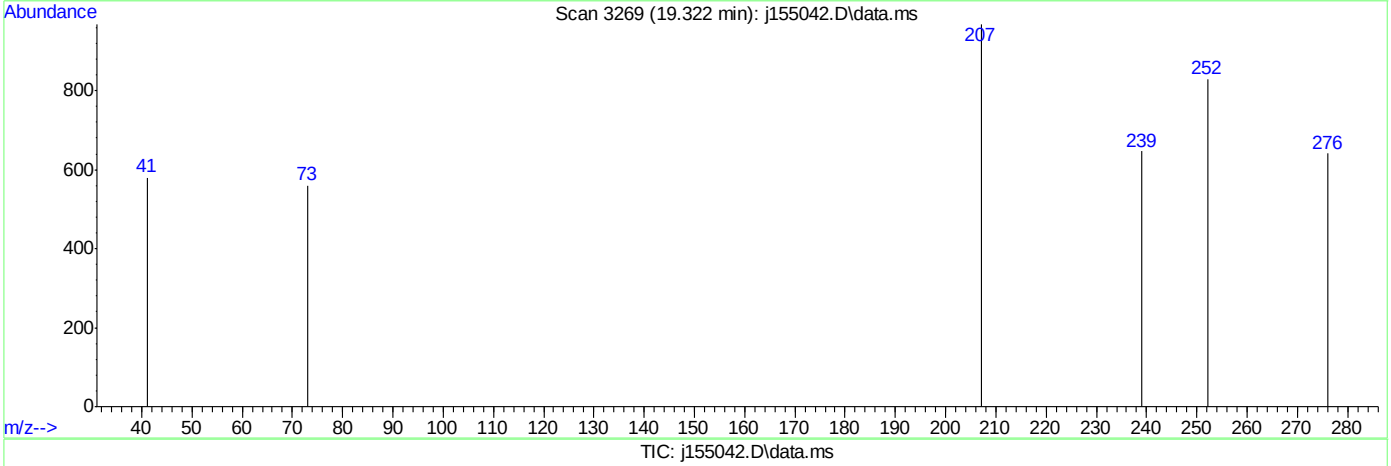
Ion	Exp%	Act%
108.10	100	100
107.10	86.00	51.61#
77.10	39.70	24.34
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : cc918-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:10:17 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





(138) 7,12-Dimethylbenz(a)anthracene

19.324min (-19.324) 0.00ppm

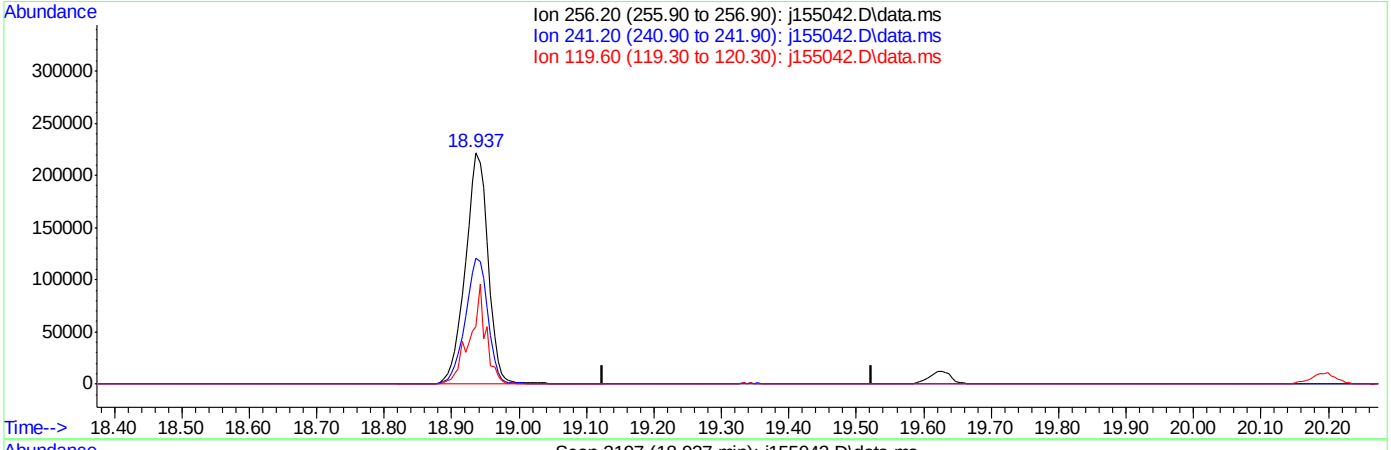
response 0

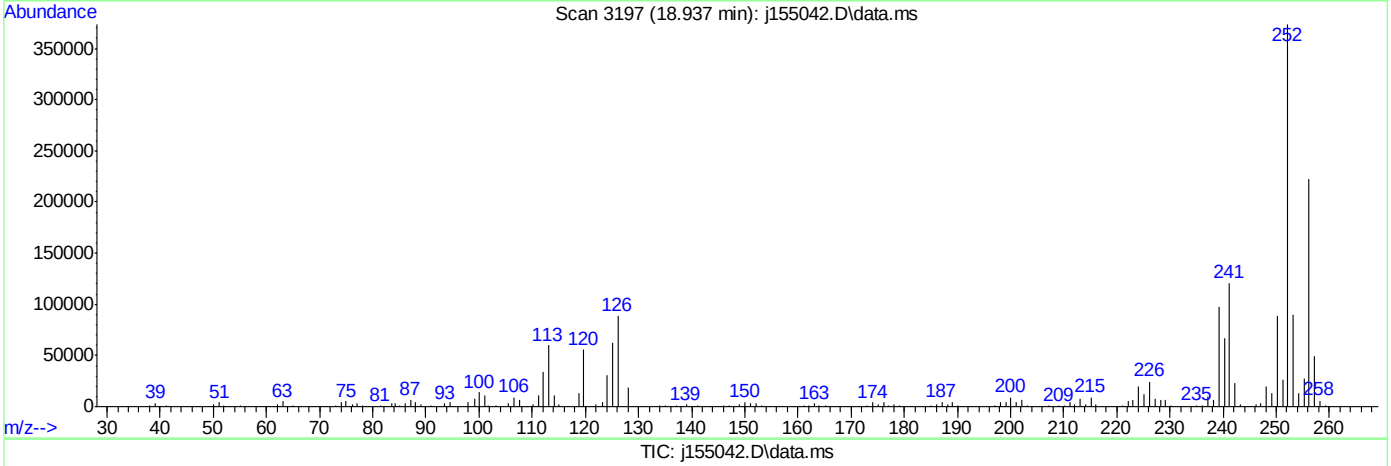
Ion	Exp%	Act%
256.20	100	0.00
241.20	52.70	0.00#
119.60	28.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : cc918-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:10:17 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





TIC: j155042.D\data.ms

(138) 7,12-Dimethylbenz(a)anthracene

18.937min (-0.387) 52.04ppm m

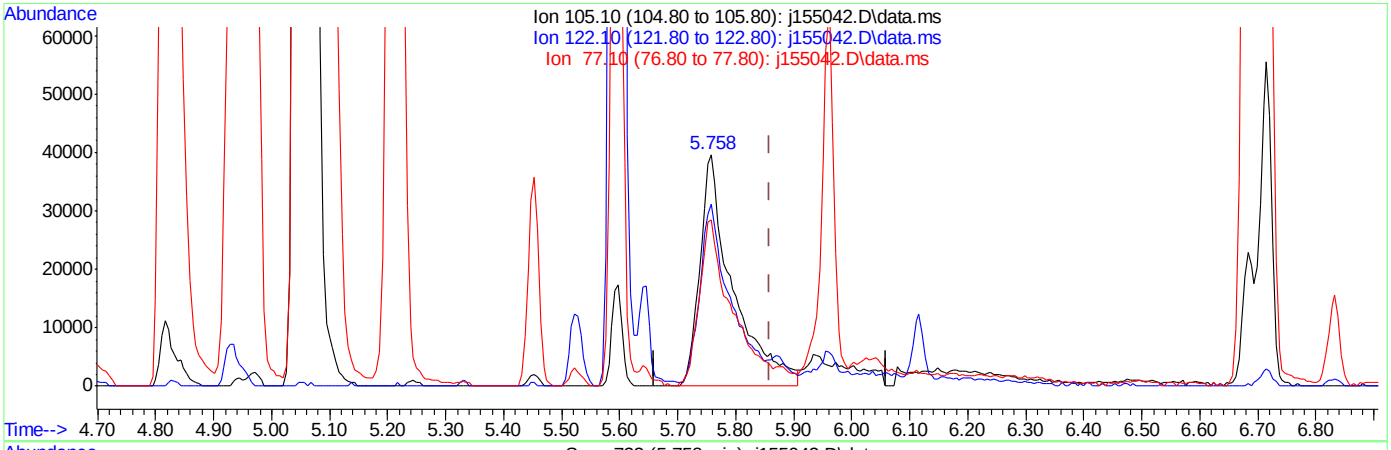
response 519888

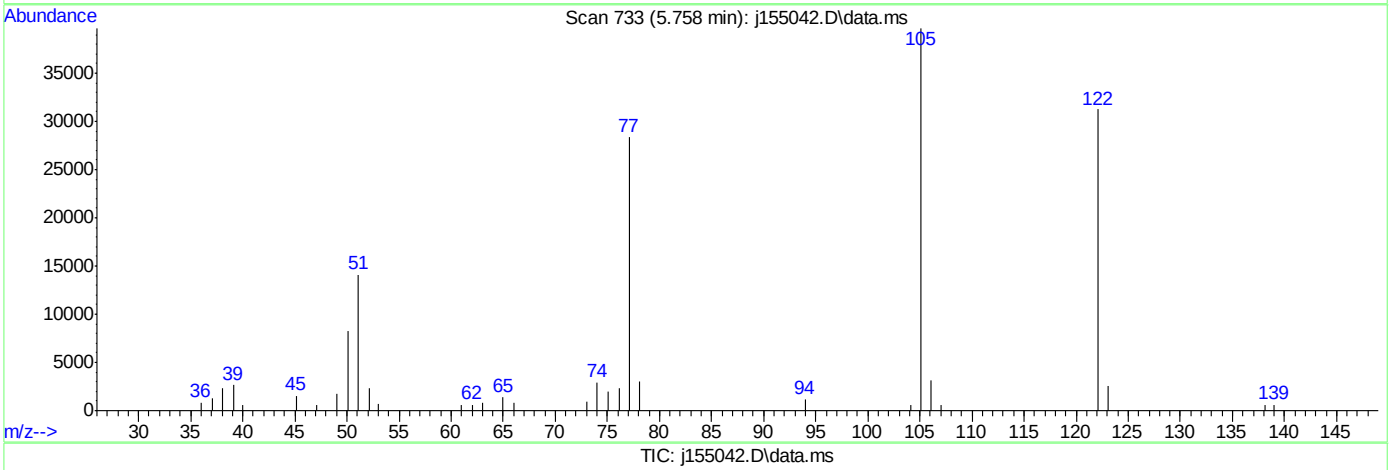
Ion	Exp%	Act%
256.20	100	100
241.20	52.70	0.00#
119.60	28.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : icc921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





TIC: j155042.D\data.ms

(41) Benzoic Acid

5.758min (-0.102) 21.01ppm

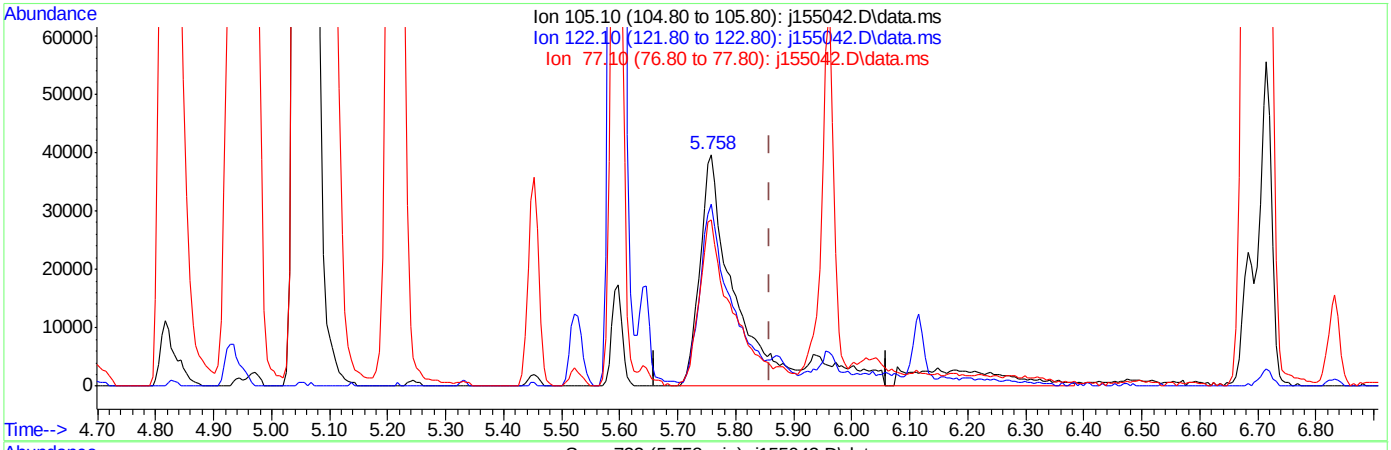
response 154844

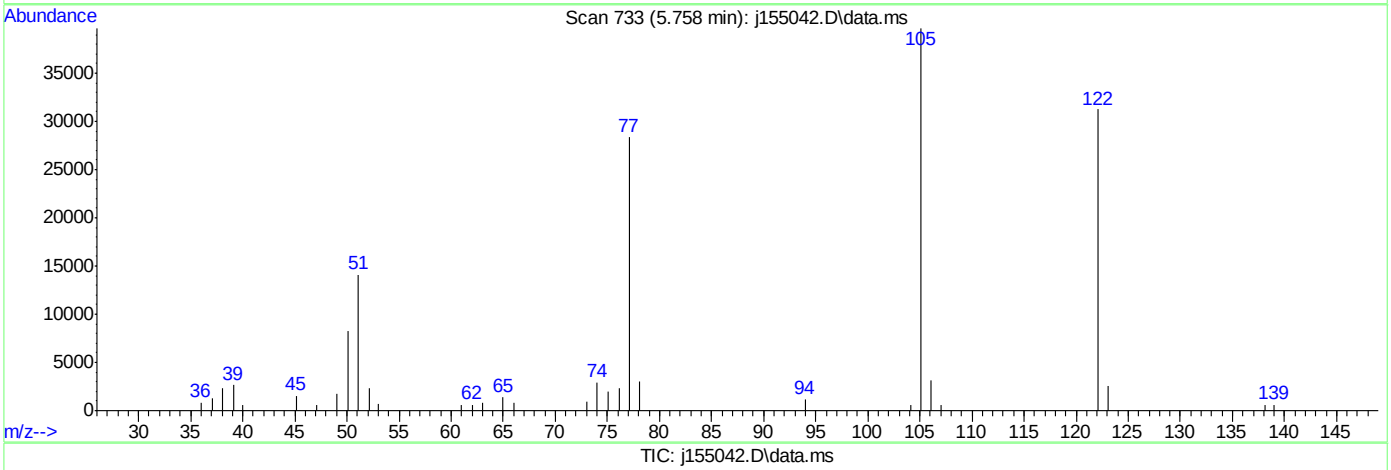
Ion	Exp%	Act%
105.10	100	100
122.10	80.40	72.00
77.10	70.20	71.29
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155042.D
Acq On    :  5 Sep 2010  10:59 am
Operator  : sheilac
Sample    : icc921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 05 12:11:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:40:55 2010
Response via : Initial Calibration
```





TIC: j155042.D\data.ms

(41) Benzoic Acid

5.758min (-0.102) 27.23ppm m

response 219340

Ion	Exp%	Act%
105.10	100	100
122.10	80.40	50.83
77.10	70.20	50.33
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.672	152	327555	40.00	ppm	-0.04
31) Naphthalene-d8	5.928	136	1251249	40.00	ppm	-0.06
57) Acenaphthene-d10	8.453	164	795583	40.00	ppm	-0.07
88) Phenanthrene-d10	11.261	188	1271708	40.00	ppm	-0.10
118) Chrysene-d12	16.808	240	1264232	40.00	ppm	-0.10
134) Perylene-d12	19.616	264	782535	40.00	ppm	-0.10
System Monitoring Compounds						
13) 2-Fluorophenol	3.612	112	193855m	19.44	ppm	-0.03
Spiked Amount 100.000	Range 23 - 110		Recovery = 19.44%#			
15) Phenol-d5	4.425	99	253636m	21.27	ppm	-0.03
Spiked Amount 100.000	Range 23 - 114		Recovery = 21.27%#			
32) Nitrobenzene-d5	5.174	82	116332	10.83	ppm	-0.08
Spiked Amount 50.000	Range 36 - 126		Recovery = 21.66%#			
61) 2-Fluorobiphenyl	7.362	172	236163	11.30	ppm	-0.08
Spiked Amount 50.000	Range 34 - 132		Recovery = 22.60%#			
93) 2,4,6-Tribromophenol	9.902	330	36312	16.22	ppm	-0.10
Spiked Amount 100.000	Range 33 - 138		Recovery = 16.22%#			
121) Terphenyl-d14	14.641	244	233693	2.94	ppm	-0.11
Spiked Amount 50.000	Range 46 - 136		Recovery = 5.88%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.056	79	37726m	4.27	ppm	
3) 1,4-Dioxane	2.008	88	81701m	13.83	ppm	
4) N-nitrosodimethylamine	2.356	42	36305m	8.31	ppm	
5) Pyridine	2.340	79	57767m	5.15	ppm	
6) 2-Picoline	3.046	93	60582m	4.59	ppm	
7) N-Nitrosomethylethylamine	3.179	42	33640m	5.59	ppm	
8) Methyl methanesulfonate	3.447	80	27743m	4.92	ppm	
9) N-Nitrosodiethylamine	3.784	102	29328m	4.58	ppm	
10) Ethyl methanesulfonate	4.046	79	40058	4.60	ppm #	84
11) Benzaldehyde	4.308	106	16567	5.16	ppm	99
12) Aniline	4.404	93	58096	4.09	ppm	77
14) bis(2-Chloroethyl)ether	4.452	93	79421	5.70	ppm	93
16) Phenol	4.436	94	71441	4.83	ppm	87
17) 2-Chlorophenol	4.516	128	52371m	4.50	ppm	
18) 1,3-Dichlorobenzene	4.623	146	64753	4.94	ppm	90
19) 1,4-Dichlorobenzene	4.688	146	66080	5.11	ppm	94
20) 1,2-Dichlorobenzene	4.827	146	61686	5.15	ppm	99
21) Benzyl alcohol	4.811	108	34336	4.37	ppm	99
22) bis(2-chloroisopropyl)...	4.923	45	102602	5.47	ppm	88
23) 2-Methylphenol	4.939	108	50625	4.48	ppm	89
24) N-Nitrosopyrrolidine	5.014	100	29681	4.73	ppm	94
25) N-Nitrosomorpholine	5.046	56	39715	5.54	ppm #	89
26) o-Toluidine	5.073	106	90865	4.84	ppm #	83
27) Acetophenone	5.041	105	78510	5.00	ppm	99
28) Hexachloroethane	5.132	117	23594	4.92	ppm	96
29) N-Nitroso-di-n-propyla...	5.046	70	44168	5.27	ppm	90
30) 3&4-Methylphenol	5.083	108	55845	4.86	ppm #	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.196	77	60625	5.45	ppm		98
34) N-Nitrosopiperidine	5.340	42	40122	5.48	ppm		92
36) Isophorone	5.431	82	117543	5.00	ppm		99
37) 2-Nitrophenol	5.517	139	23440	4.39	ppm		97
38) 2,4-Dimethylphenol	5.586	107	52025	4.79	ppm		99
39) bis(2-Chloroethoxy)met...	5.656	93	85494	5.41	ppm		99
40) O,O,O-Triethyl phospho...	5.629	121	26408	2.97	ppm		98
42) 2,4-Dichlorophenol	5.805	162	35808	4.52	ppm		97
43) 1,2,4-Trichlorobenzene	5.864	180	49961	5.16	ppm		98
44) Naphthalene	5.950	128	171439	5.28	ppm		99
45) 4-Chloroaniline	6.014	127	58901	4.77	ppm		97
46) 2,6-Dichlorophenol	6.035	162	37392	4.85	ppm		98
47) Hexachloropropene	6.062	213	15783	4.01	ppm		98
48) Hexachlorobutadiene	6.110	225	26763	5.40	ppm		99
51) N-Nitrosodi-n-butylamine	6.426	84	53641	5.85	ppm		86
52) 4-Chloro-3-methylphenol	6.672	107	39987	4.50	ppm		95
53) Isosafrole	6.704	162	42970	5.02	ppm		99
54) 2-Methylnaphthalene	6.822	142	113053	5.13	ppm		98
55) 1-Methylnaphthalene	6.961	142	112663	5.24	ppm		98
56) 1,2,4,5-Tetrachloroben...	7.068	216	44353	5.23	ppm		99
59) 2,4,6-Trichlorophenol	7.255	196	20752	4.04	ppm		98
60) 2,4,5-Trichlorophenol	7.351	196	21791	4.60	ppm		97
62) Safrole	7.464	162	43837	4.97	ppm		99
63) 1,1'-Biphenyl	7.512	154	131967	5.38	ppm		99
64) 2-Chloronaphthalene	7.533	162	121523	5.12	ppm		98
65) 1-Chloronaphthalene	7.565	162	92810	6.34	ppm		100
66) 2-Nitroaniline	7.699	65	33477	4.85	ppm		92
67) 1,4-Naphthoquinone	7.806	158	34318	4.91	ppm		98
68) Acenaphthylene	8.196	152	169903	5.24	ppm		100
69) Dimethylphthalate	8.020	163	122639	5.05	ppm		99
70) m-Dinitrobenzene	8.052	168	16527	4.33	ppm		91
71) 2,6-Dinitrotoluene	8.105	165	27257	4.94	ppm		85
72) Acenaphthene	8.501	153	111190	5.41	ppm		99
73) 3-Nitroaniline	8.389	138	23209	5.44	ppm		98
75) Dibenzofuran	8.806	168	145901	5.29	ppm		97
76) Pentachlorobenzene	10.400	250	30183	5.14	ppm	#	99
77) 2,4-Dinitrotoluene	8.811	165	30102	4.46	ppm		94
78) 4-Nitrophenol	8.881	109	4835	0.82	ppm	#	83
79) 1-Naphthylamine	8.945	143	29899	2.33	ppm	#	94
80) 2-Naphthylamine	9.095	143	49935	4.67	ppm		98
81) 2,3,4,6-Tetrachlorophenol	9.079	232	13168	2.67	ppm		93
82) Fluorene	9.437	166	123893	5.47	ppm		99
83) 4-Chlorophenyl-phenyle...	9.464	204	57956	3.74	ppm		95
84) Diethylphthalate	9.293	149	124673	5.13	ppm		100
85) 5-Nitro-o-toluidine	9.475	152	30242	5.02	ppm	#	39
86) Thionazin	10.293	97	16519	4.89	ppm	#	93
87) 4-Nitroaniline	9.496	138	22240	4.72	ppm		96
89) 4,6-Dinitro-2-methylph...	9.587	198	7081	1.88	ppm		94
90) n-Nitrosodiphenylamine	9.694	169	99324	4.98	ppm		100
91) 1,2-Diphenylhydrazine	9.758	77	123502	4.79	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

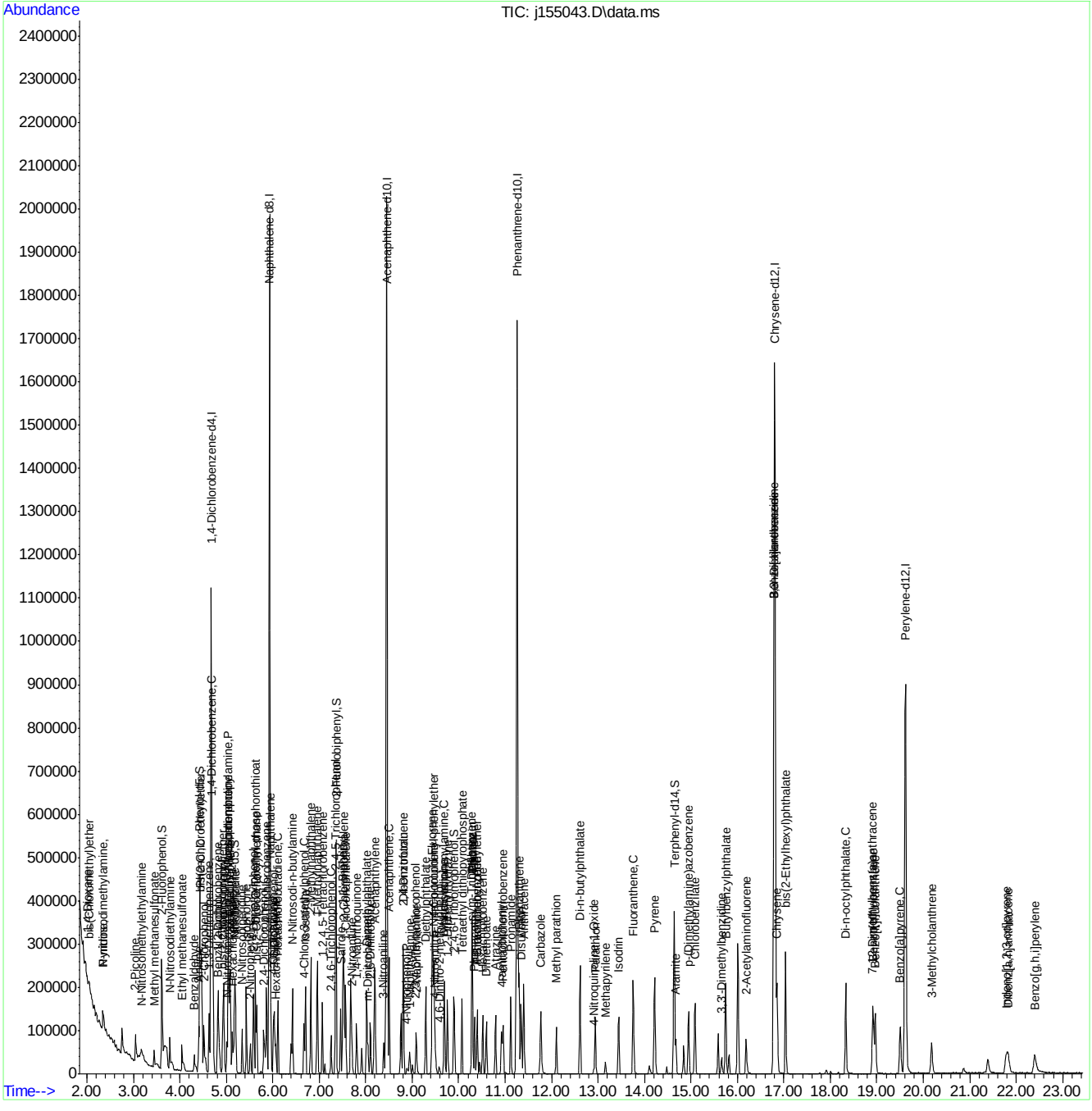
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
92)	Diphenylamine	9.694	169	99324	4.98	ppm		100
94)	Tetraethyl dithiopyrop...	10.074	97	20629	5.06	ppm		89
95)	sym-Trinitrobenzene	10.282	213	7524	6.04	ppm	#	1
96)	Diallate	10.288	43	63250	6.01	ppm		88
97)	Phorate	10.293	75	94379	5.10	ppm		96
98)	4-Bromophenyl-phenylether	10.400	248	31426	5.13	ppm		99
99)	Phenacetin	10.341	108	52552	6.90	ppm		97
100)	Hexachlorobenzene	10.523	284	35024	5.50	ppm		97
101)	Dimethoate	10.598	87	46897	8.28	ppm		99
102)	Atrazine	10.796	200	28780	9.30	ppm		98
103)	4-aminobiphenyl	10.924	169	97582	5.77	ppm		97
105)	Pentachloronitrobenzene	10.956	237	12656	5.33	ppm		99
106)	Pronamide	11.122	173	55041	3.27	ppm		99
107)	Phenanthrene	11.304	178	171634	1.22	ppm		98
108)	Anthracene	11.400	178	164648	5.23	ppm		99
109)	Disulfoton	11.347	88	58366	3.77	ppm	#	90
110)	Carbazole	11.769	167	153567	3.82	ppm		98
111)	Methyl parathion	12.106	109	37579	7.22	ppm		96
112)	Di-n-butylphthalate	12.614	149	229416	3.25	ppm		99
113)	4-Nitroquinoline 1-Oxide	12.908	190	1201	2.25	ppm	#	22
114)	Parathion	12.941	97	25130	7.15	ppm		100
115)	Methapyrilene	13.160	58	19934	18.67	ppm		98
116)	Isodrin	13.443	193	21737	2.18	ppm		98
117)	Fluoranthene	13.759	202	184146	7.64	ppm		98
119)	Benzidine	14.107	184	28178	Below Cal			96
120)	Pyrene	14.219	202	196636	2.04	ppm		99
122)	Aramite	14.679	185	10765	3.99	ppm		88
123)	p-(Dimethylamine)azobe...	14.952	120	57119	4.20	ppm		98
124)	Chlorobenzilate	15.085	139	62788	2.73	ppm		100
126)	3,3'-Dimethylbenzidine	15.663	212	42155	4.88	ppm		97
128)	Butylbenzylphthalate	15.749	149	96990	4.48	ppm		99
129)	2-Acetylaminofluorene	16.187	181	48737	6.92	ppm		99
130)	3,3'-Dichlorobenzidine	16.786	252	46647	6.29	ppm		97
131)	Benzo[a]anthracene	16.786	228	164942	5.06	ppm		97
132)	Chrysene	16.856	228	161853	5.51	ppm		97
133)	bis(2-Ethylhexyl)phtha...	17.038	149	130128	5.11	ppm		99
135)	Di-n-octylphthalate	18.332	149	189908	4.84	ppm		100
136)	Benzo[b]fluoranthene	18.920	252	133846	0.52	ppm		96
137)	Benzo[k]fluoranthene	18.968	252	129203	1.25	ppm		98
138)	7,12-Dimethylbenz(a)an...	18.910	256	13051	1.18	ppm	#	89
140)	Benzo[a]pyrene	19.503	252	109104	4.96	ppm		99
141)	3-Methylcholanthrene	20.183	268	45962	4.76	ppm		98
142)	Indeno[1,2,3-cd]pyrene	21.787	276	75163	3.37	ppm		94
143)	Dibenz[a,h]anthracene	21.830	278	60914	3.42	ppm		97
144)	Benzo[g,h,i]perylene	22.402	276	61294	4.07	ppm		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

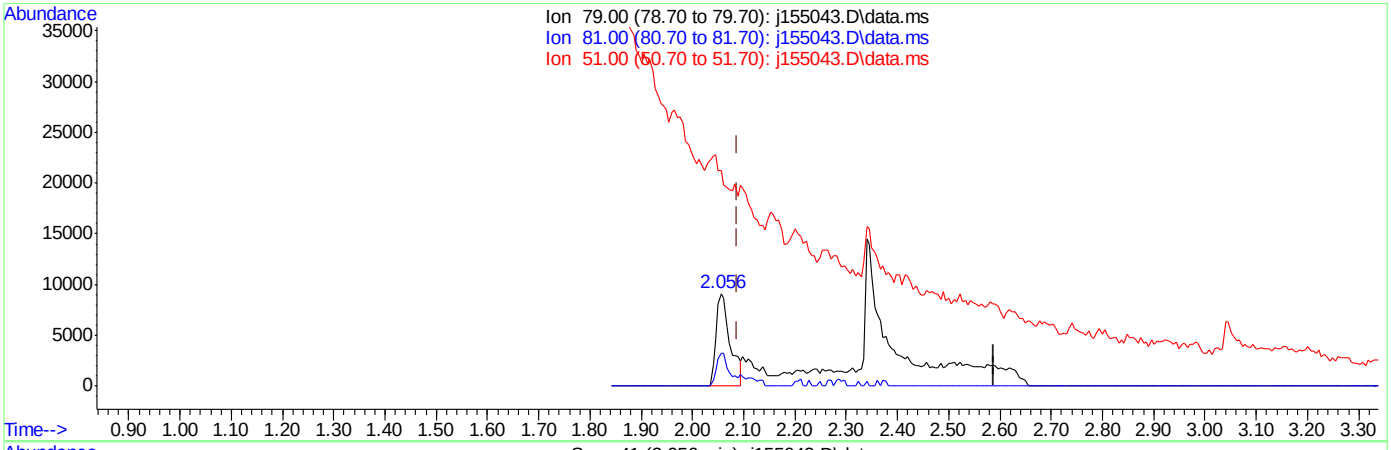
Quant Time: Sep 05 12:15:25 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

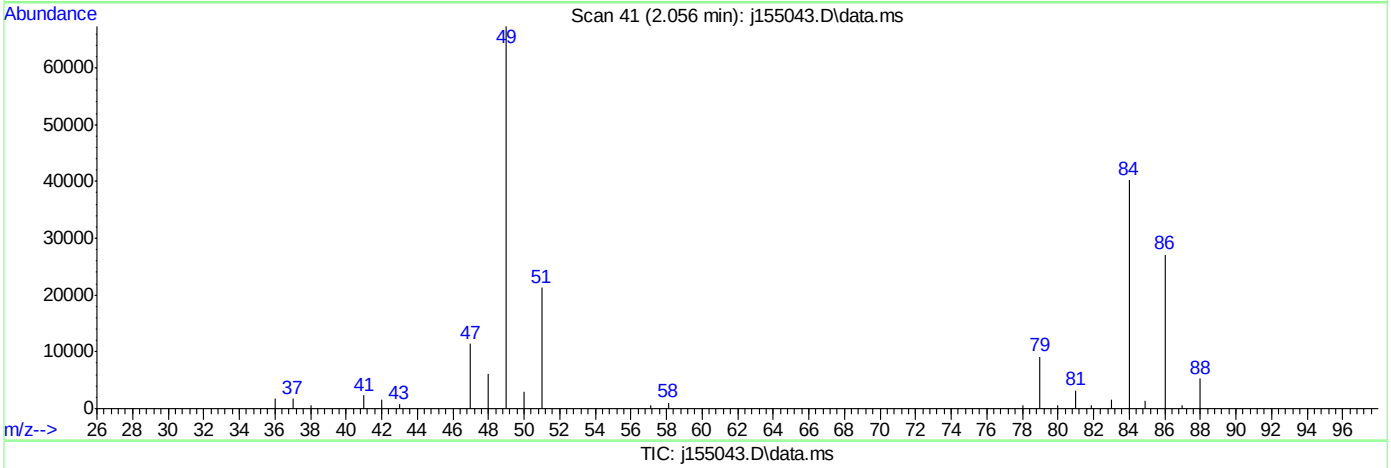


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155043.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.032) 1.97ppm

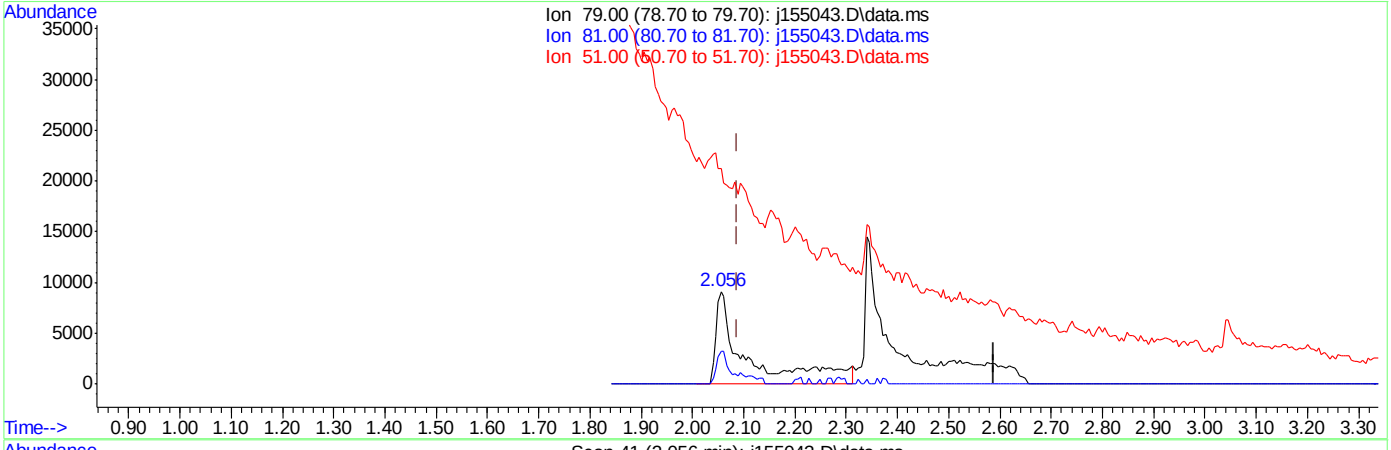
response 17377

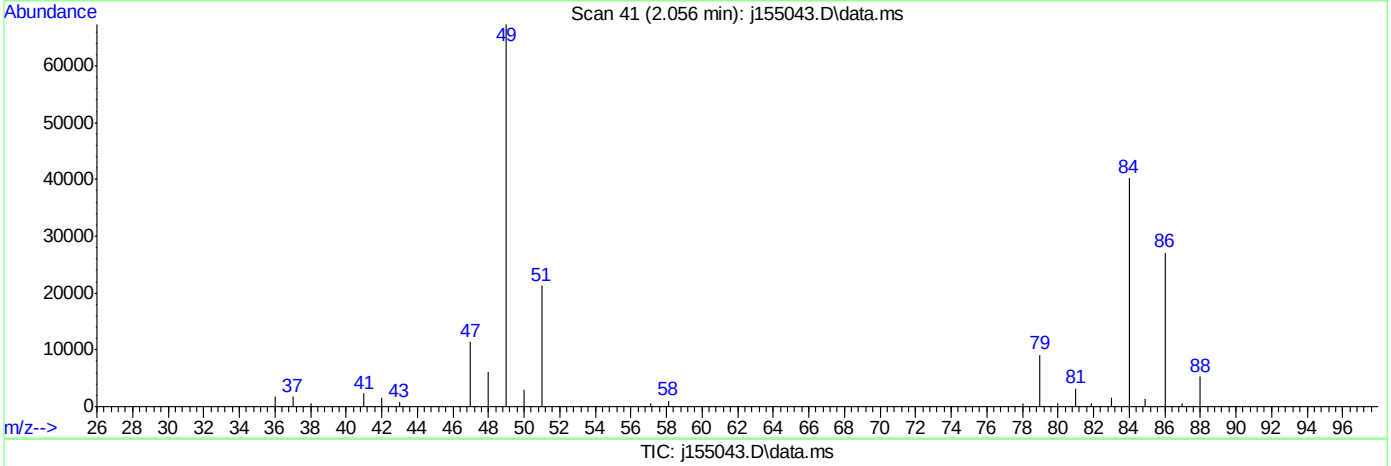
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	31.85
51.00	37.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155043.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.032) 4.27ppm m

response 37726

Ion	Exp%	Act%
79.00	100	100
81.00	34.30	14.67
51.00	37.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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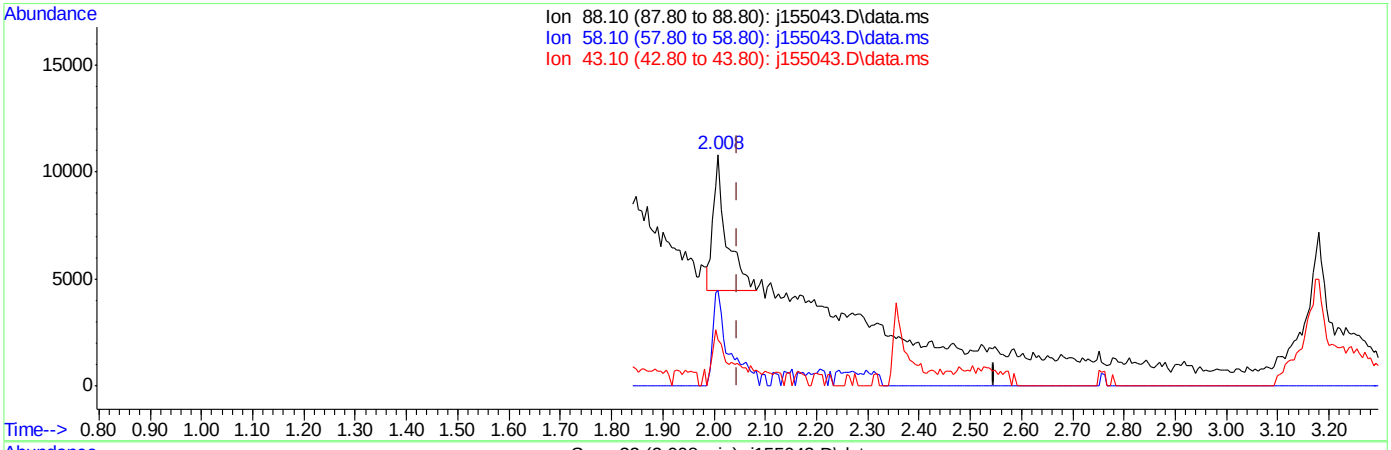

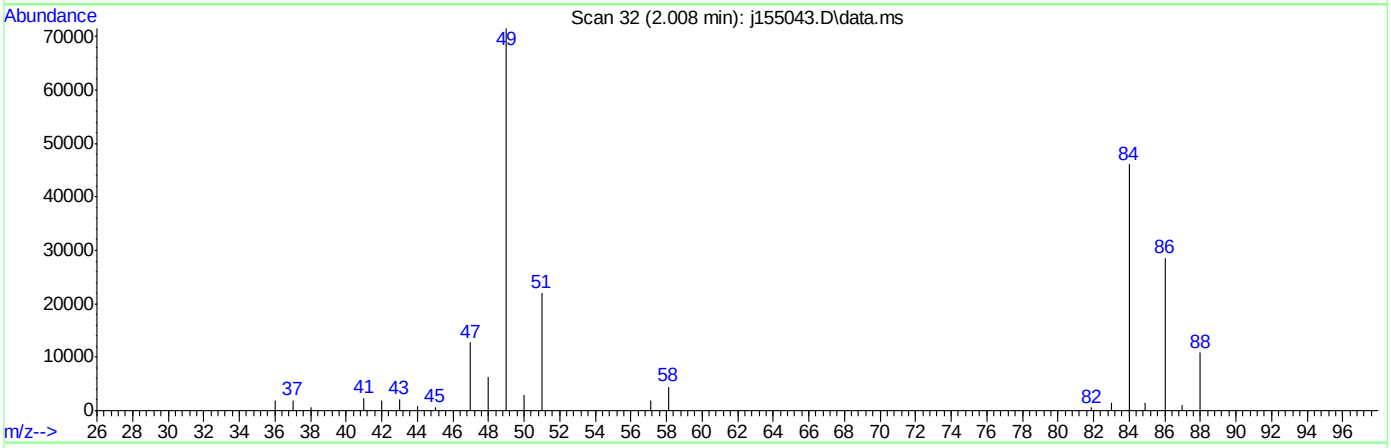

TIC: j155043.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 1.95ppm

response 11505

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	85.26
43.10	29.20	55.70
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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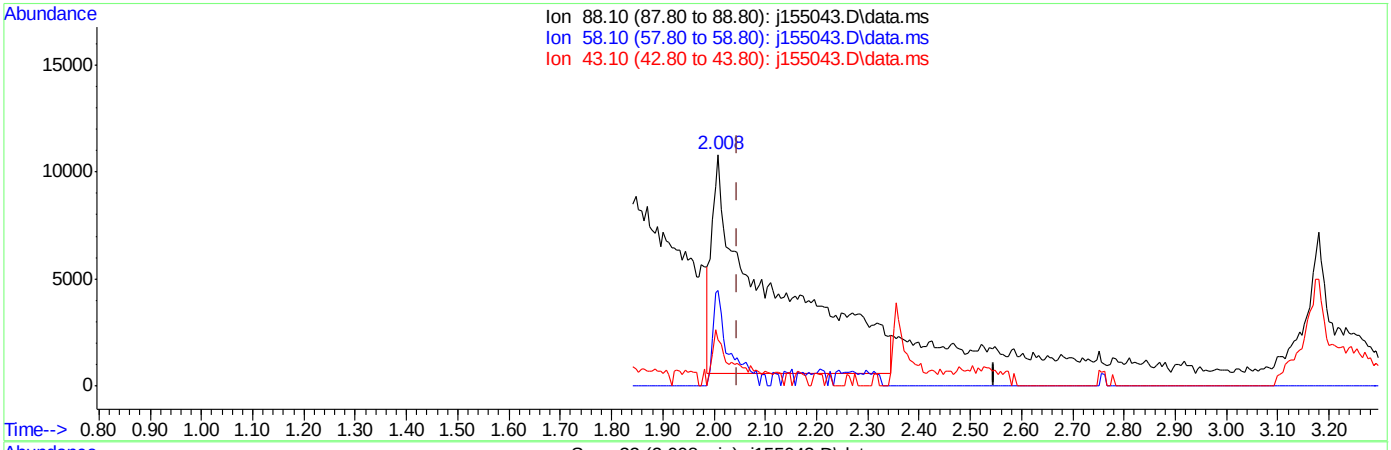

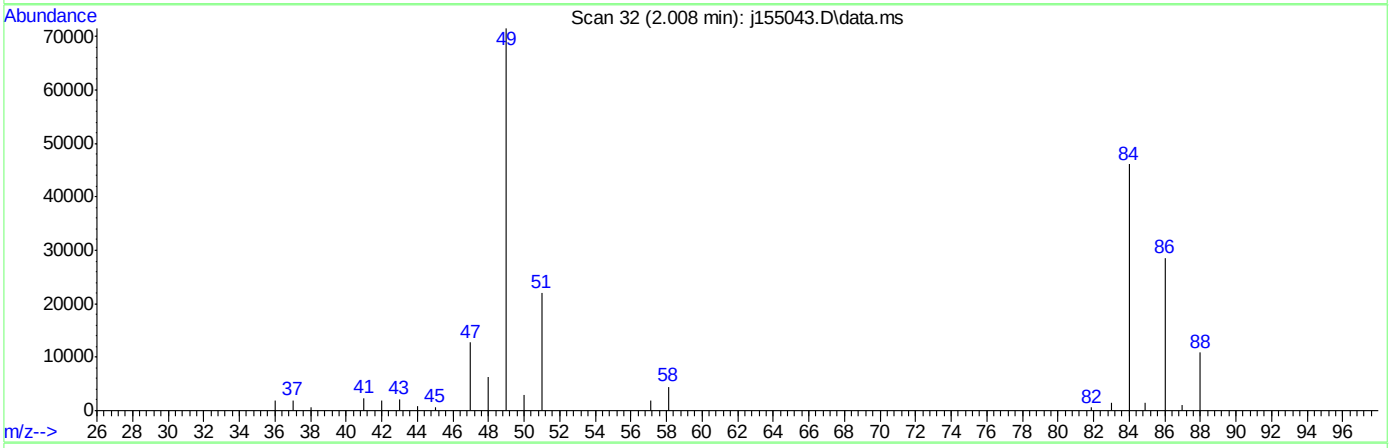

TIC: j155043.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 13.83ppm m

response 81701

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	12.01#
43.10	29.20	7.84
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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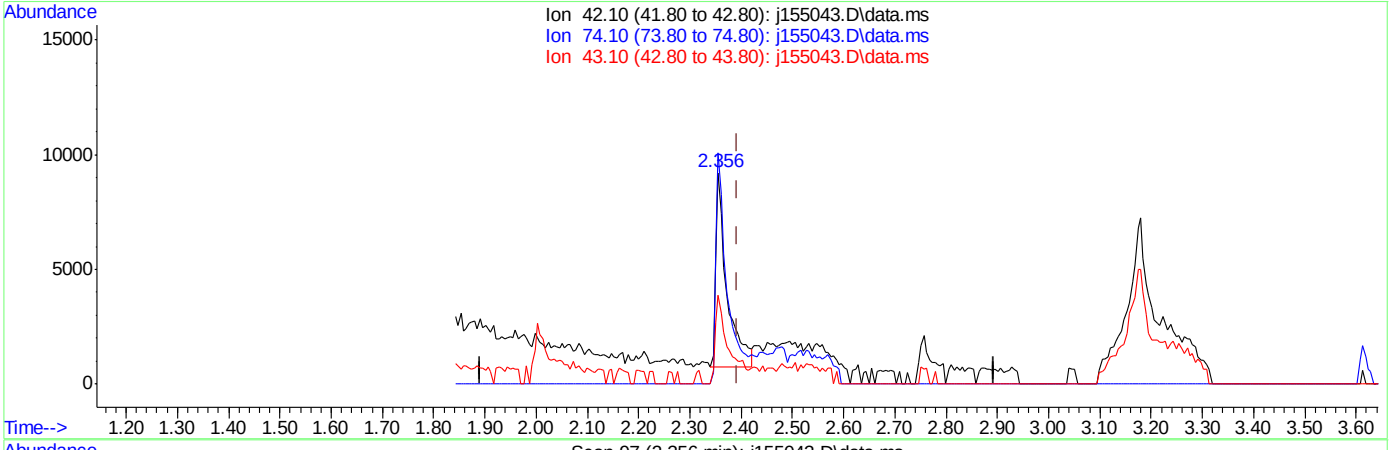

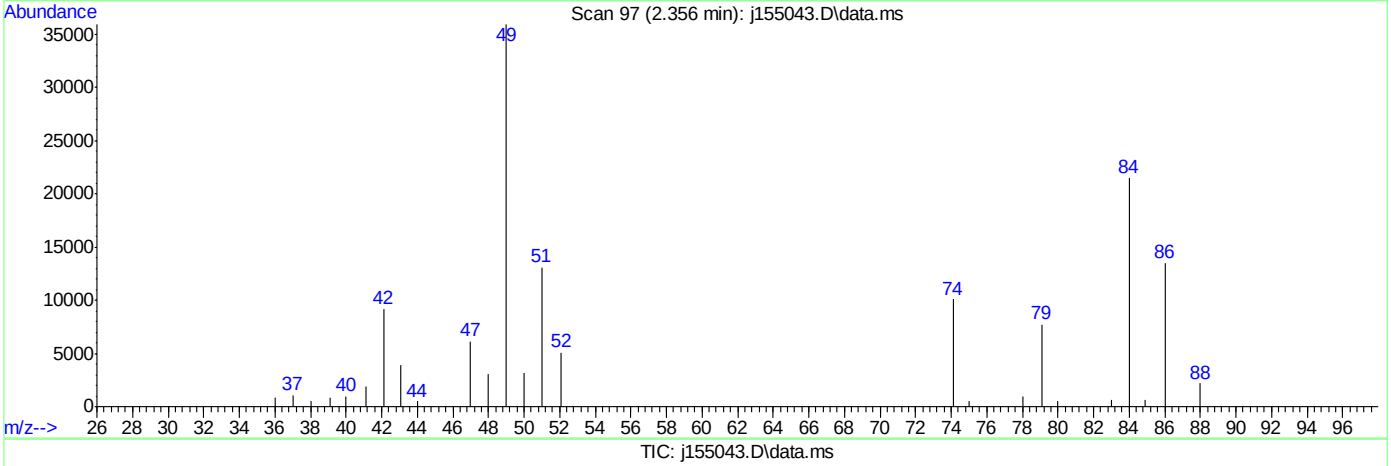

TIC: j155043.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 2.95ppm

response 12864

Ion	Exp%	Act%
42.10	100	100
74.10	122.20	123.56
43.10	44.70	55.59
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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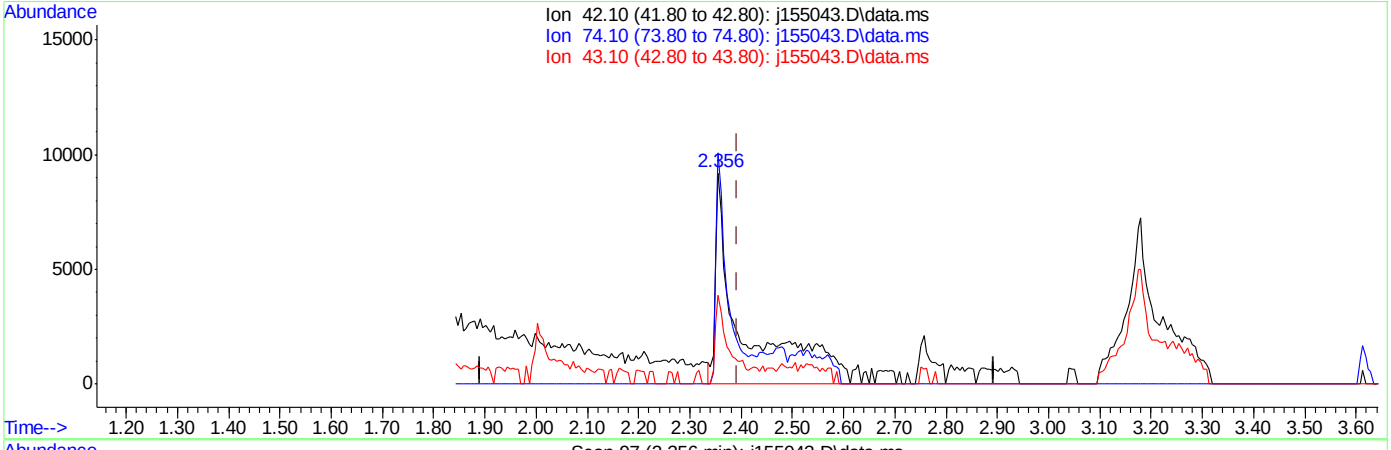
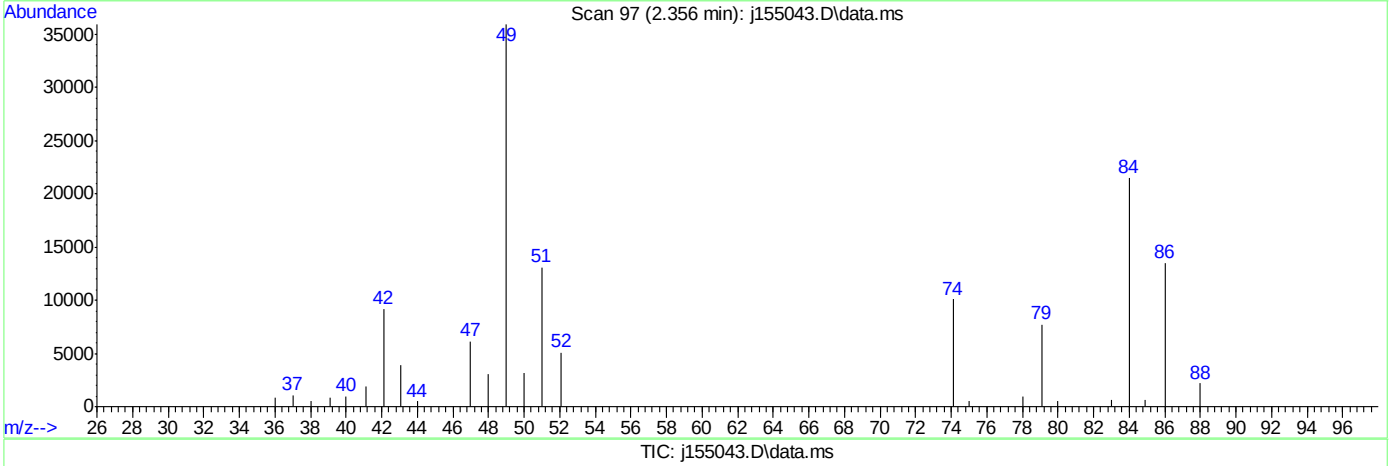




TIC: j155043.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 8.31ppm m

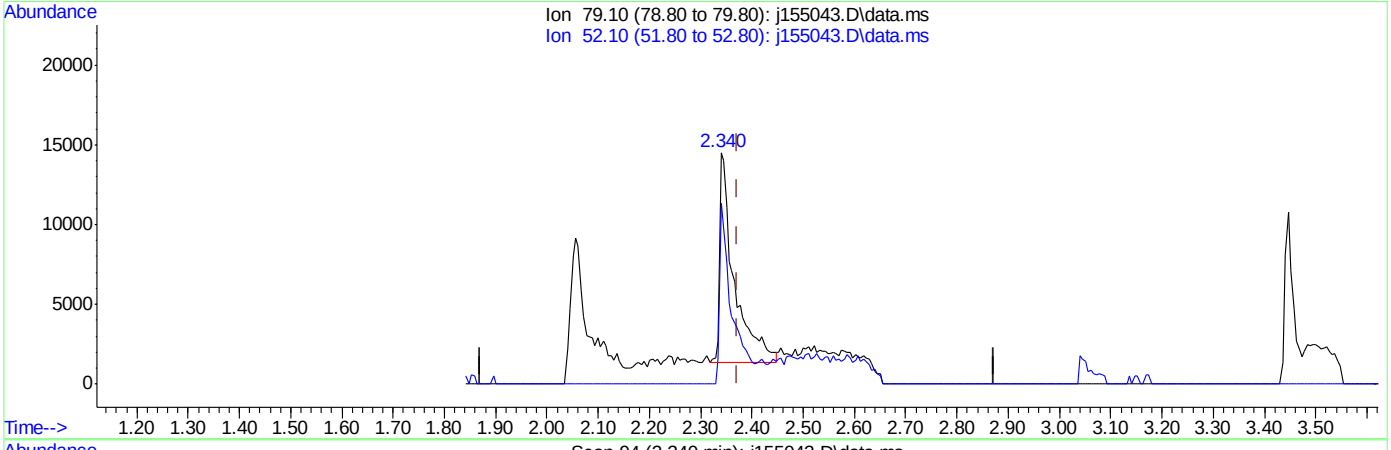
response 36305

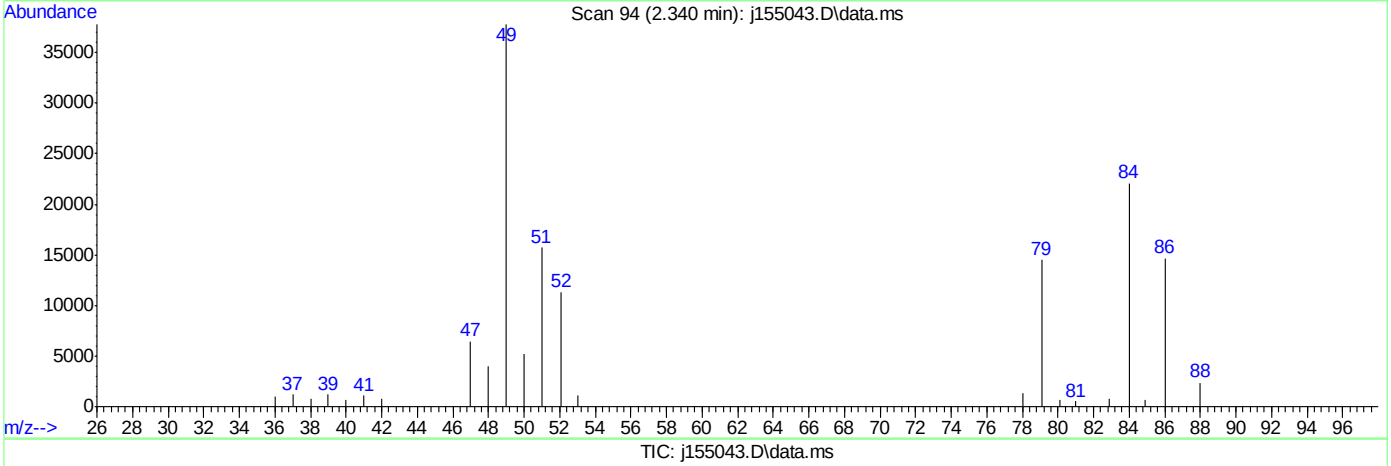
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	43.78#
43.10	44.70	19.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155043.D\data.ms

(5) Pyridine ( )

2.340min (-0.032) 2.30ppm

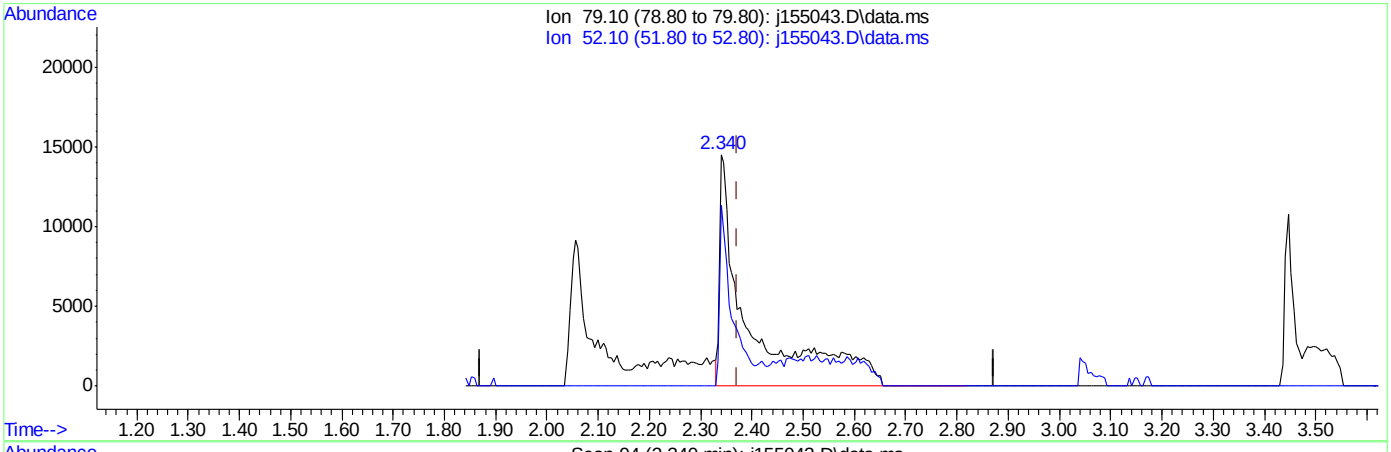
response 25818

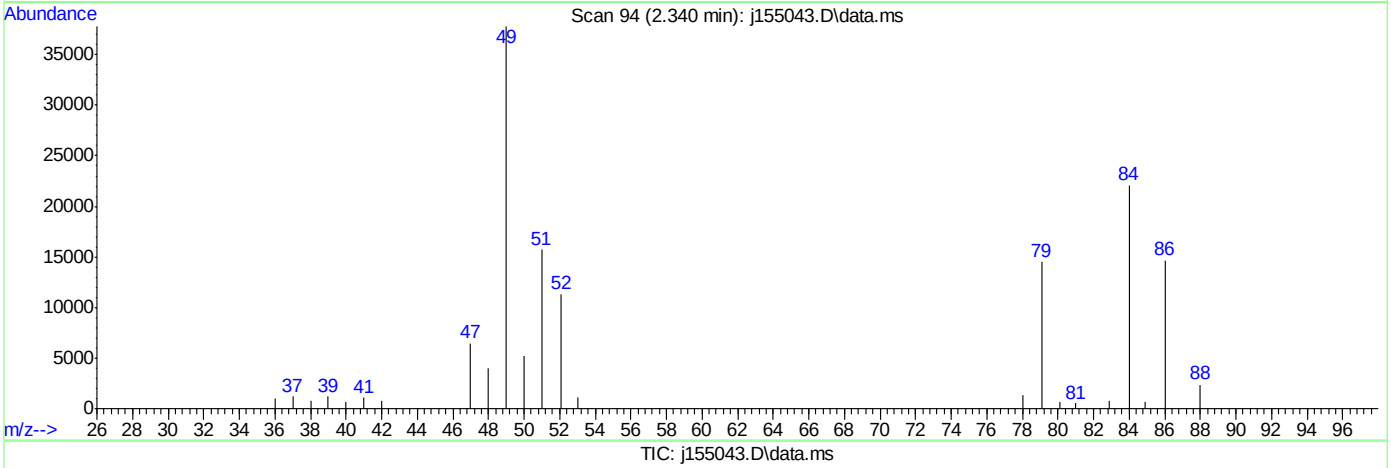
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	73.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155043.D\data.ms

(5) Pyridine ( )

2.340min (-0.032) 5.15ppm m

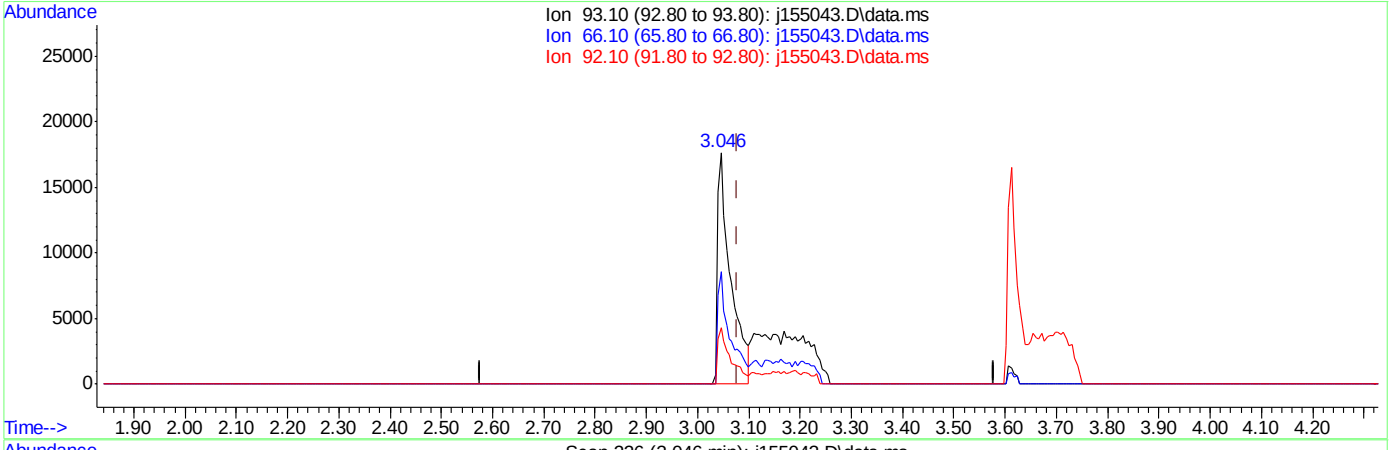
response 57767

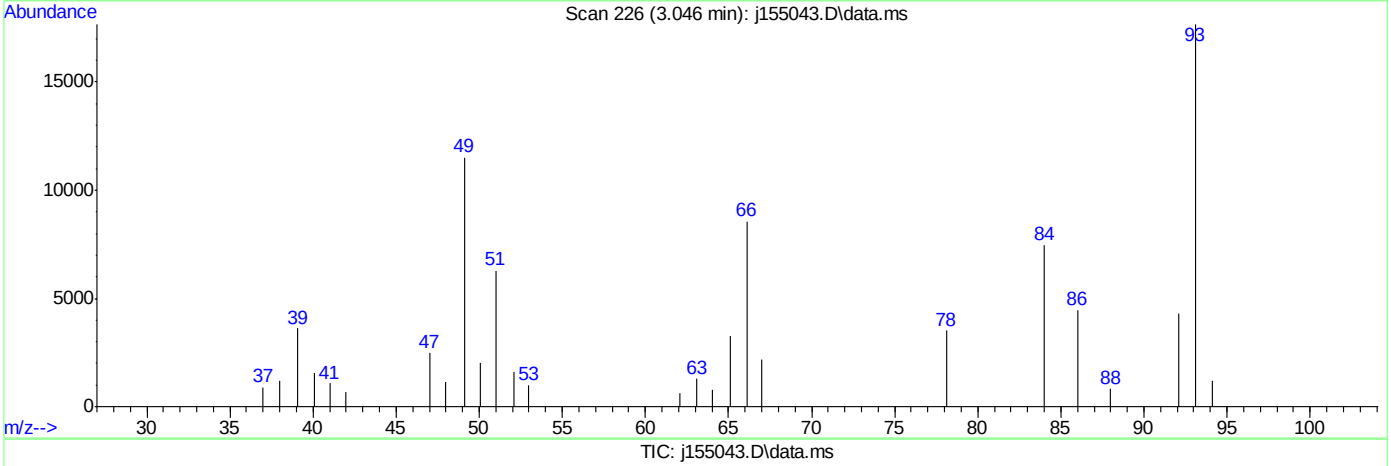
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	32.81#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(6) 2-Picoline

3.046min (-0.032) 2.37ppm

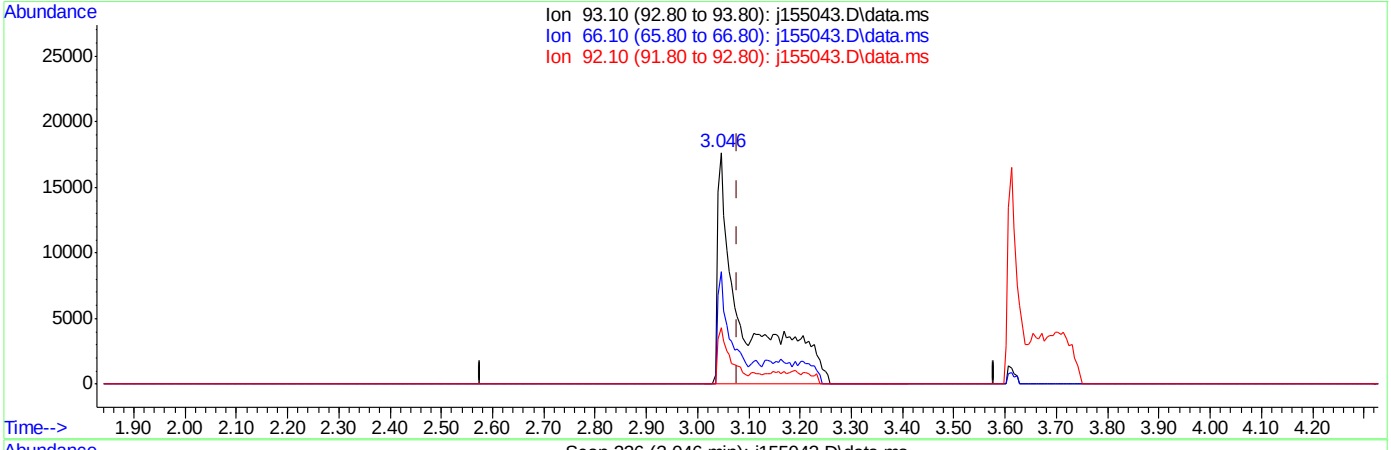
response 31289

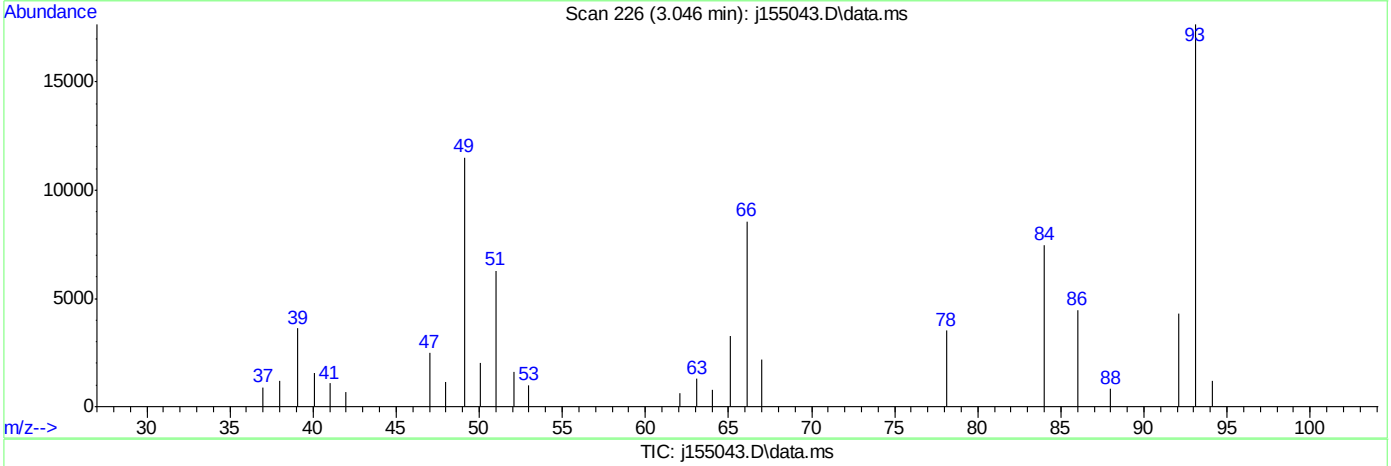
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	46.04
92.10	23.70	24.51
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(6) 2-Picoline

3.046min (-0.032) 4.59ppm m

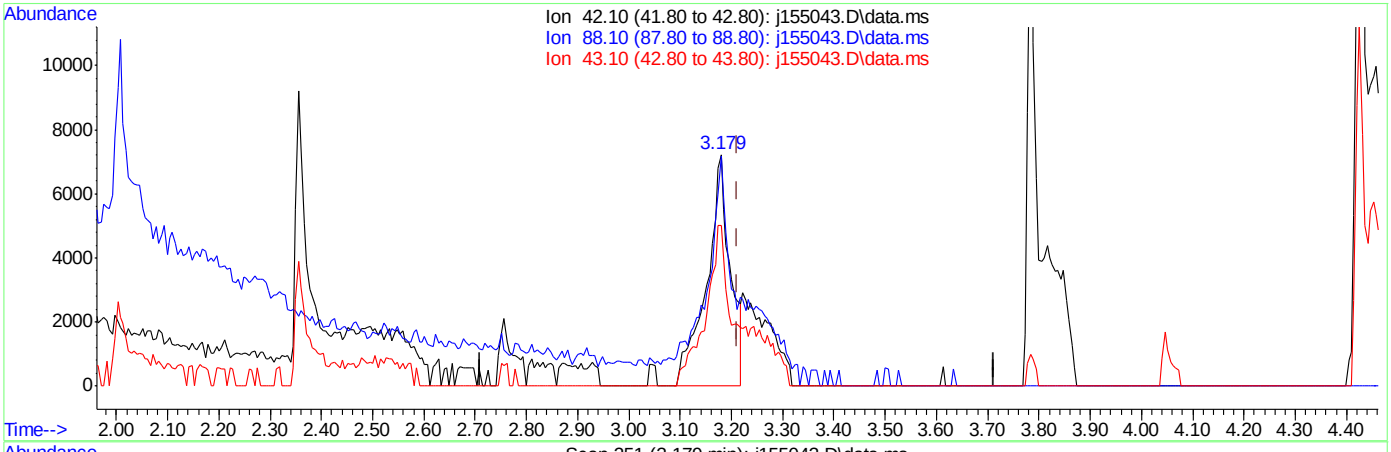
response 60582

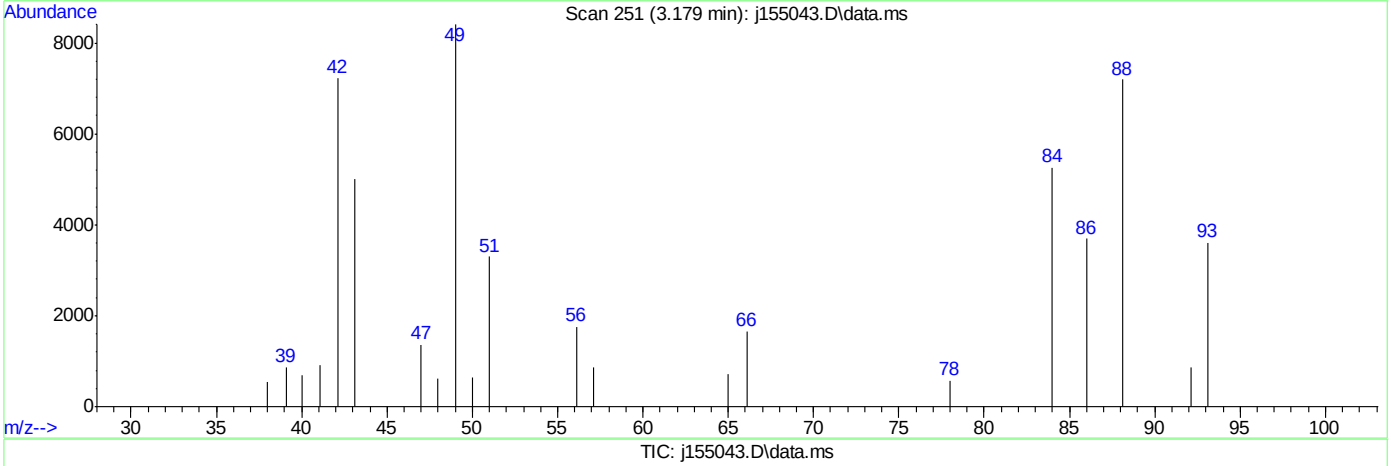
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	23.78#
92.10	23.70	12.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(7) N-Nitrosomethylethylamine

3.179min (-0.033) 3.83ppm

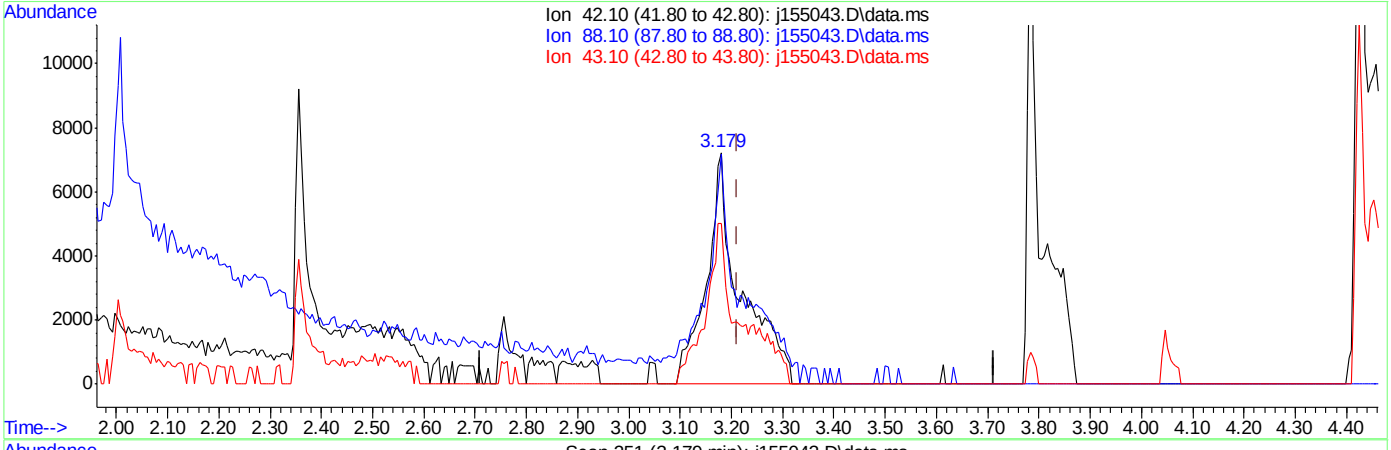
response 23026

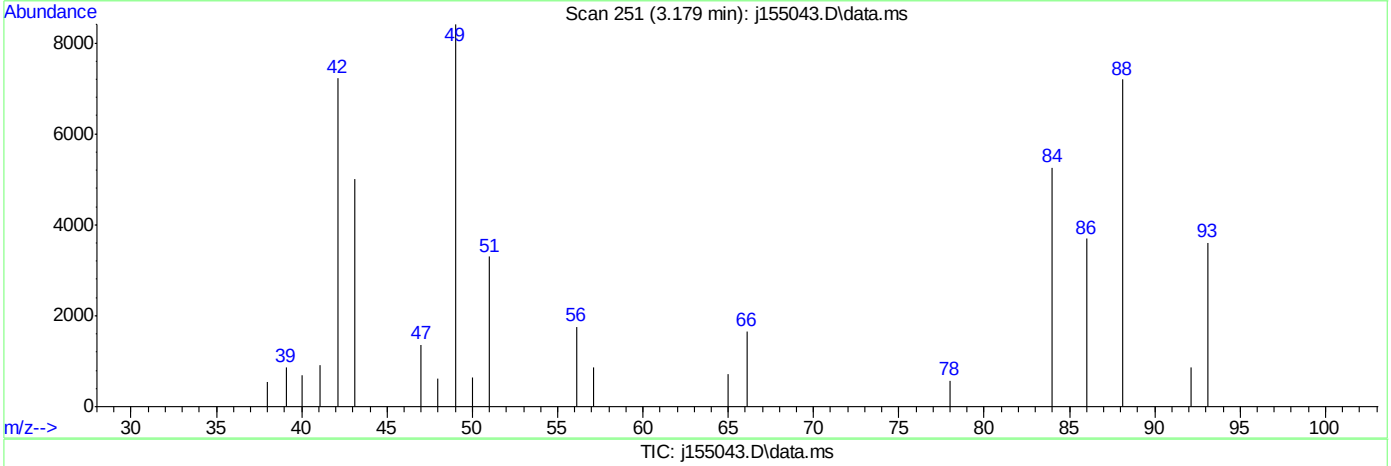
Ion	Exp%	Act%
42.10	100	100
88.10	90.90	71.84#
43.10	69.60	77.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(7) N-Nitrosomethylethylamine

3.179min (-0.033) 5.59ppm m

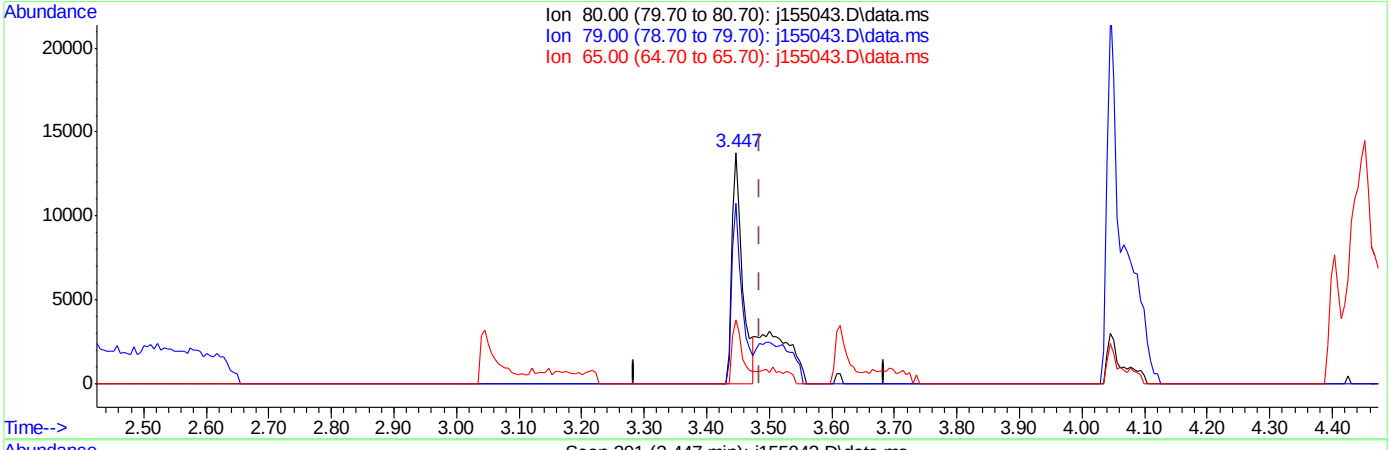
response 33640

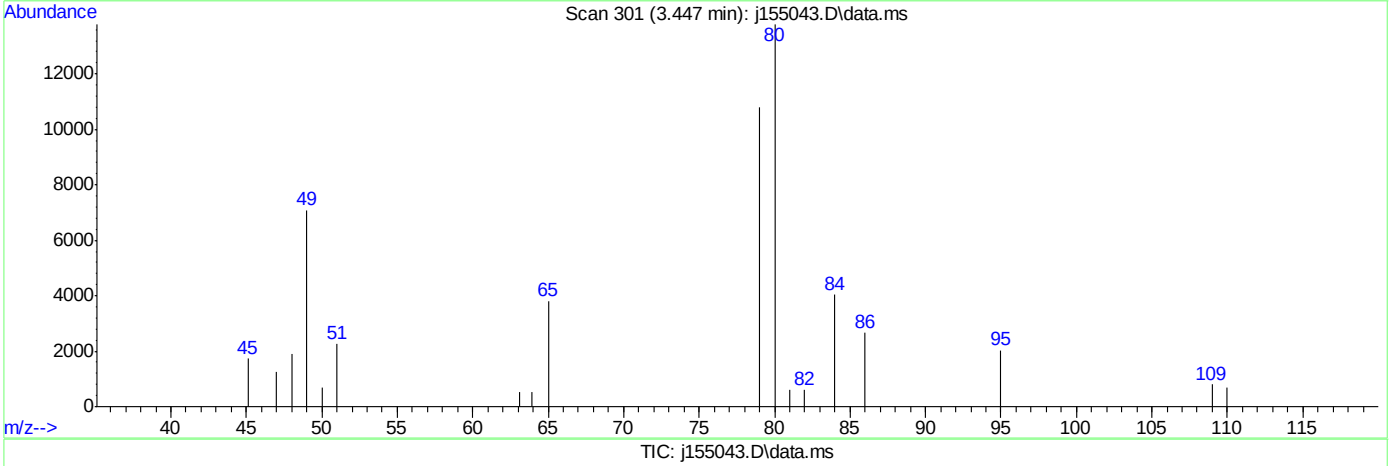
Ion	Exp%	Act%
42.10	100	100
88.10	90.90	49.17#
43.10	69.60	53.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 2.85ppm

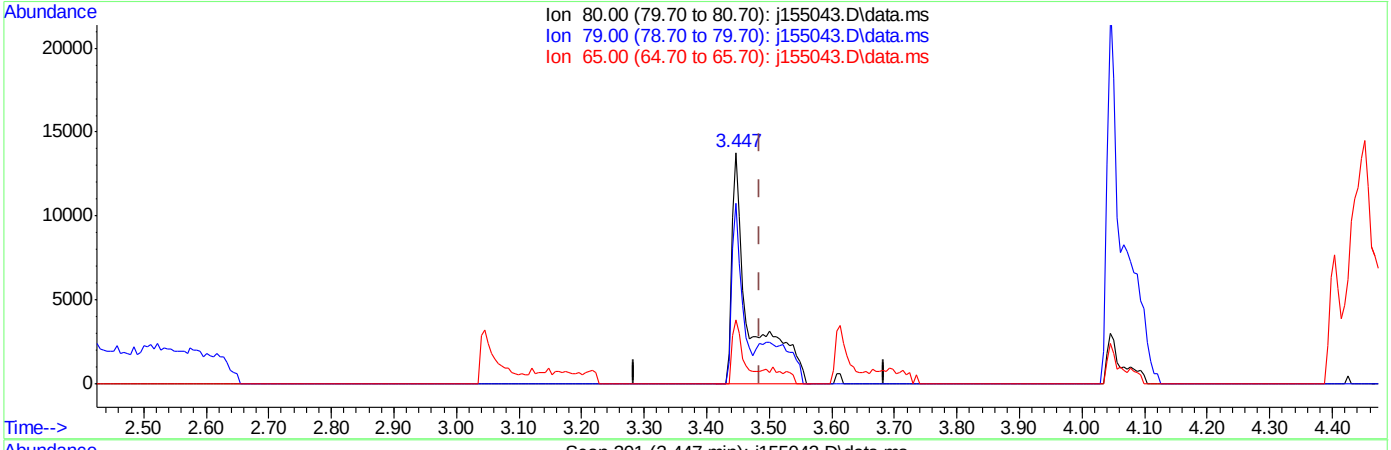
response 16075

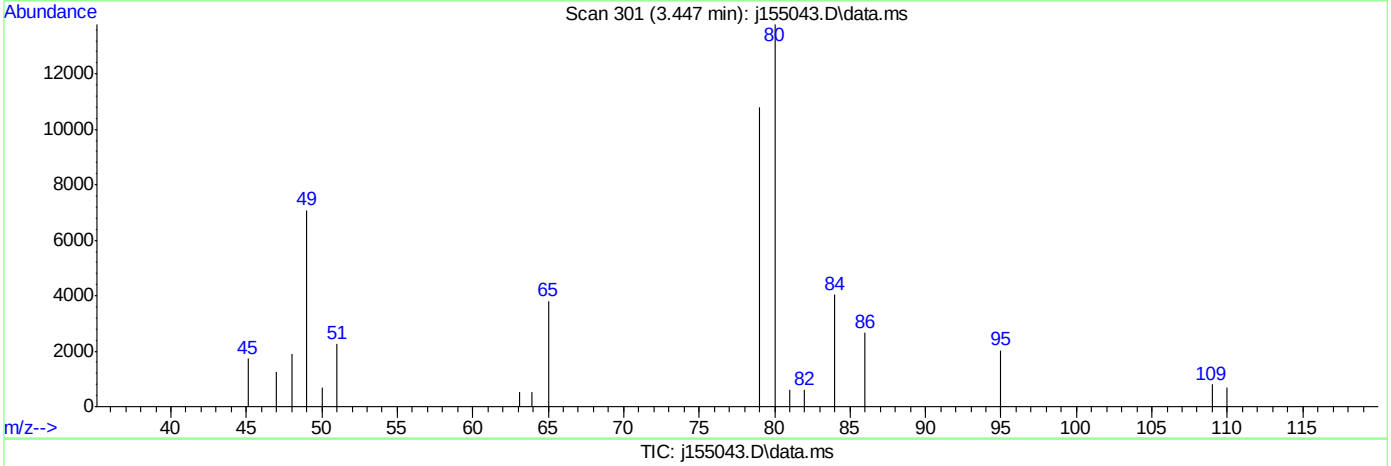
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	77.14#
65.00	6000.00	30.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 4.92ppm m

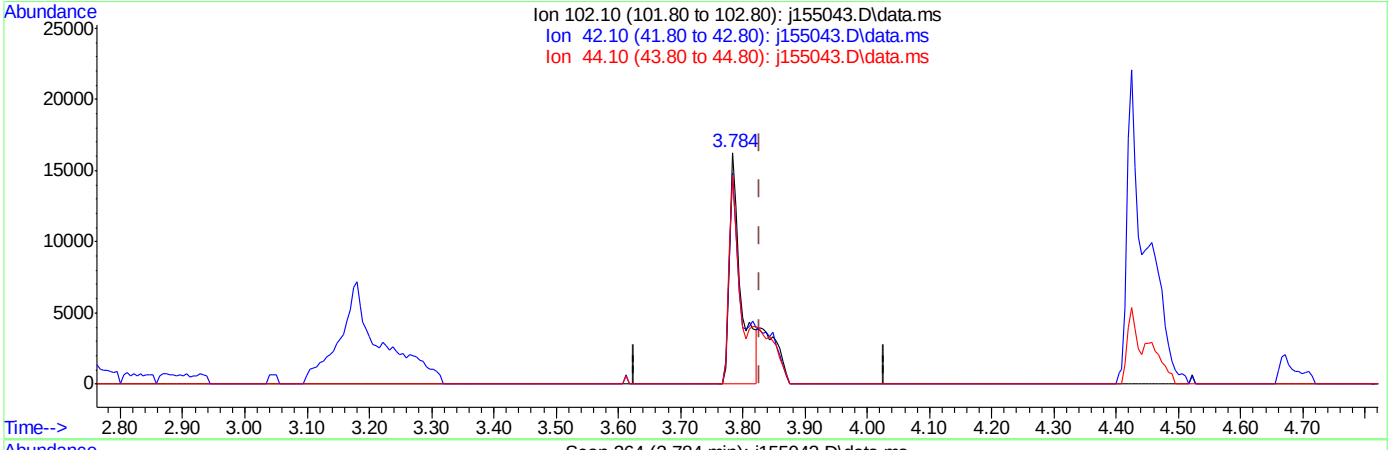
response 27743

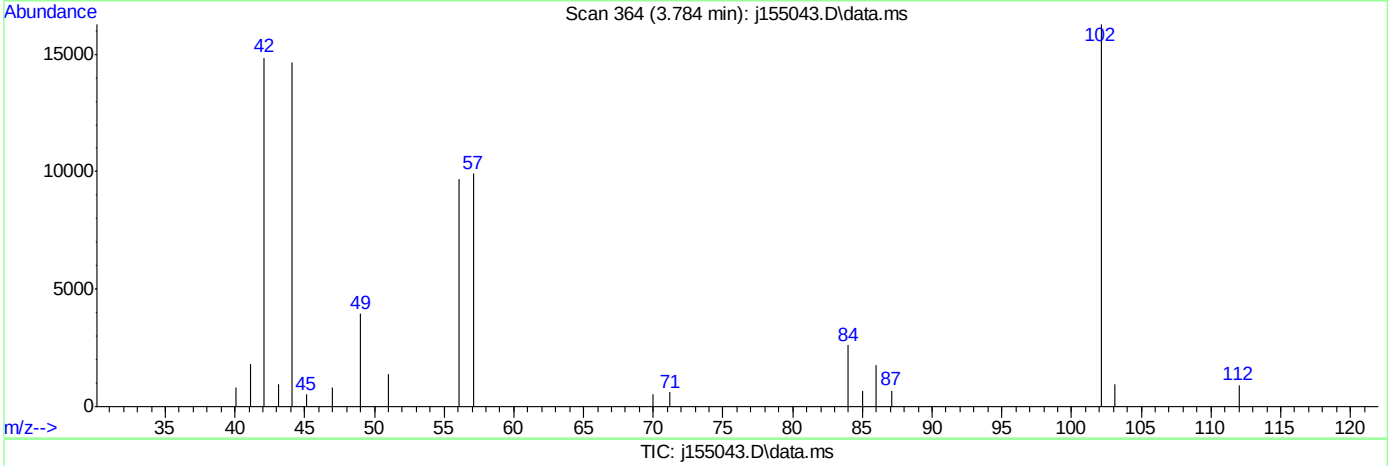
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	44.70#
65.00	6000.00	17.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(9) N-Nitrosodiethylamine

3.784min (-0.043) 3.29ppm

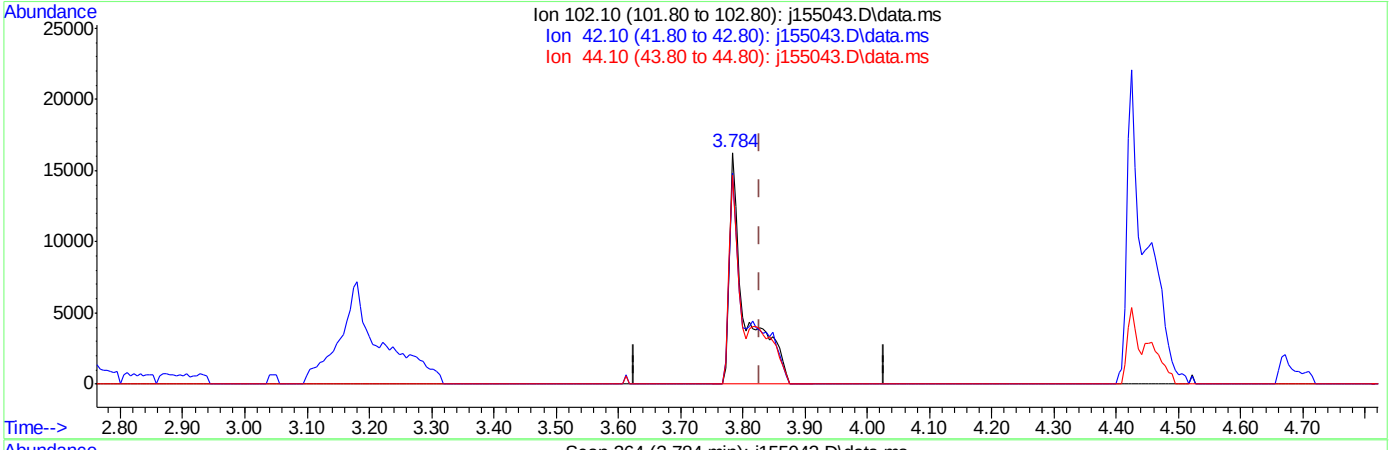
response 21061

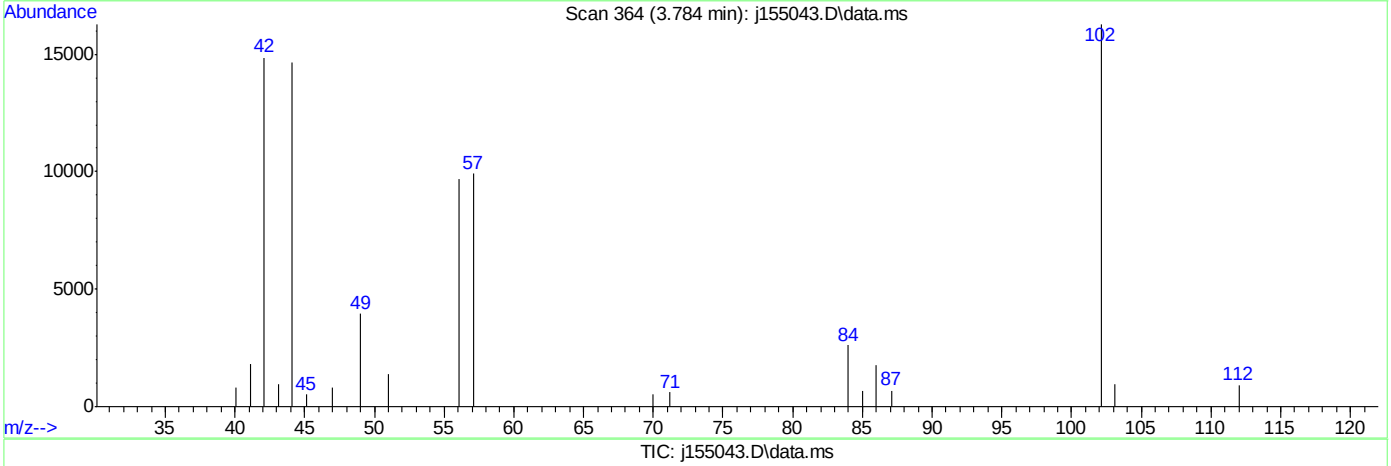
Ion	Exp%	Act%
102.10	100	100
42.10	90.10	76.26
44.10	92.20	75.80
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(9) N-Nitrosodiethylamine

3.784min (-0.043) 4.58ppm m

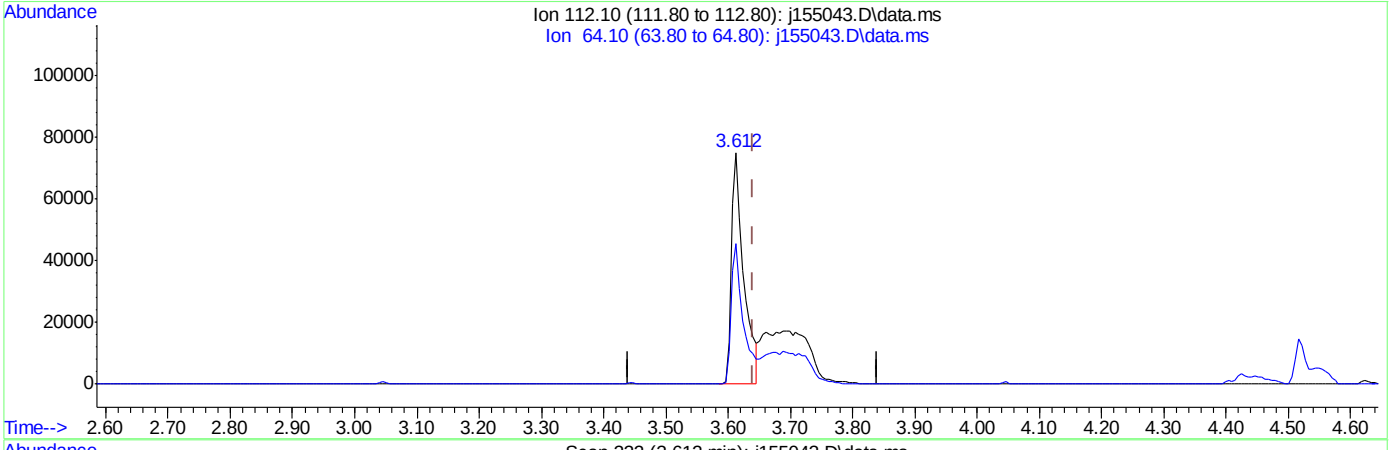
response 29328

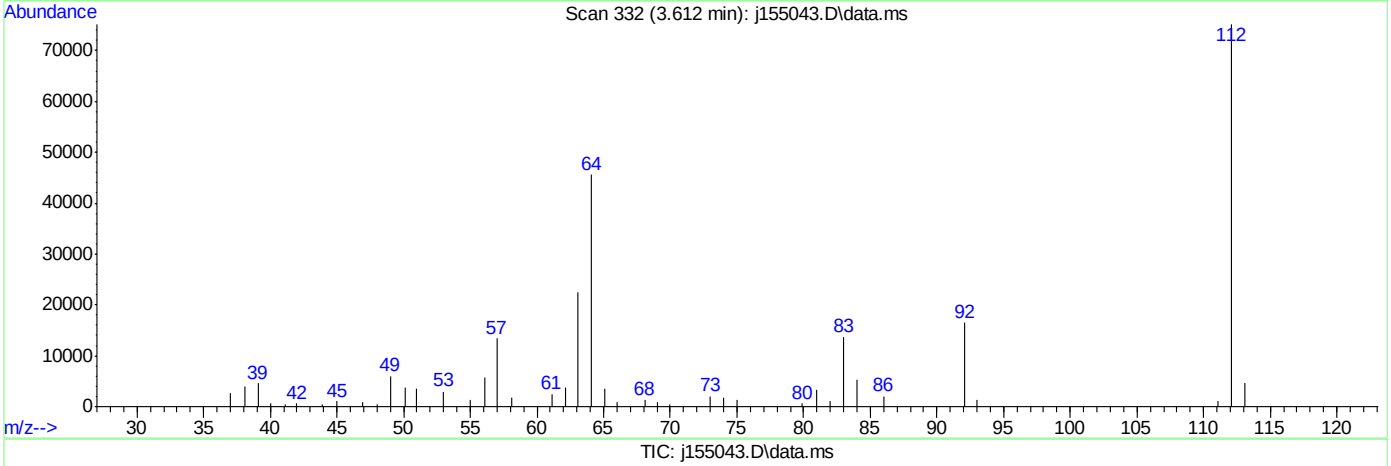
Ion	Exp%	Act%
102.10	100	100
42.10	90.10	54.76#
44.10	92.20	54.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(13) 2-Fluorophenol (S)

3.612min (-0.028) 10.12ppm

response 100945

Ion	Exp%	Act%
112.10	100	100
64.10	60.70	60.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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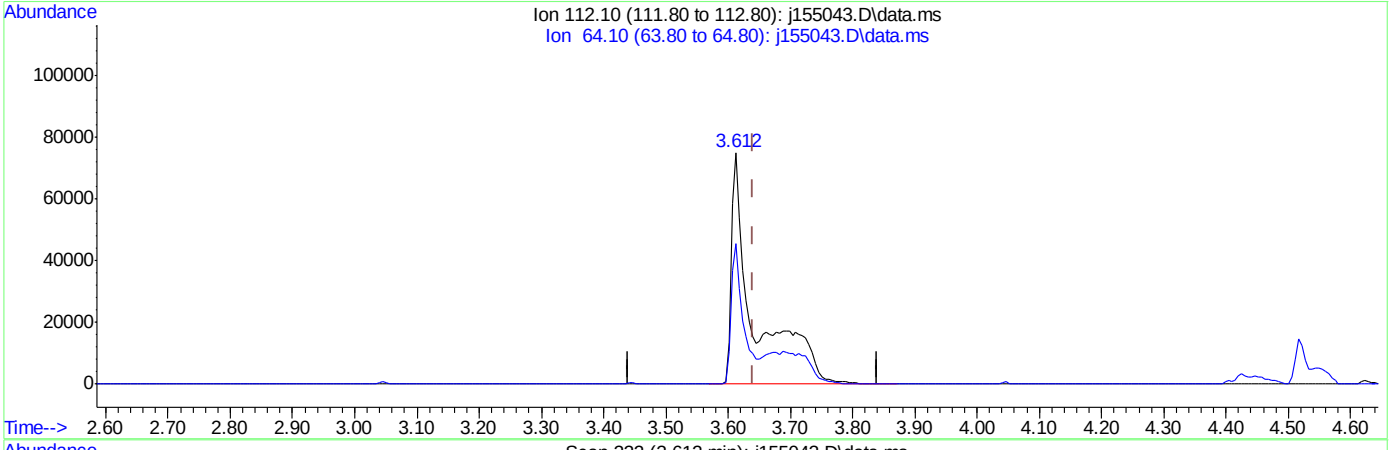
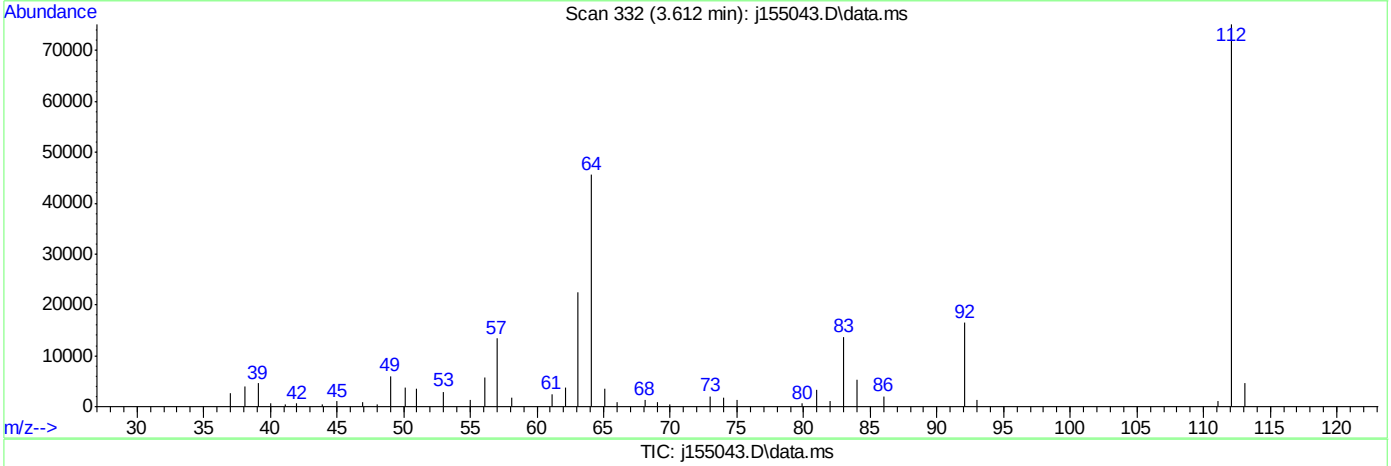




(13) 2-Fluorophenol (S)

3.612min (-0.028) 19.44ppm m

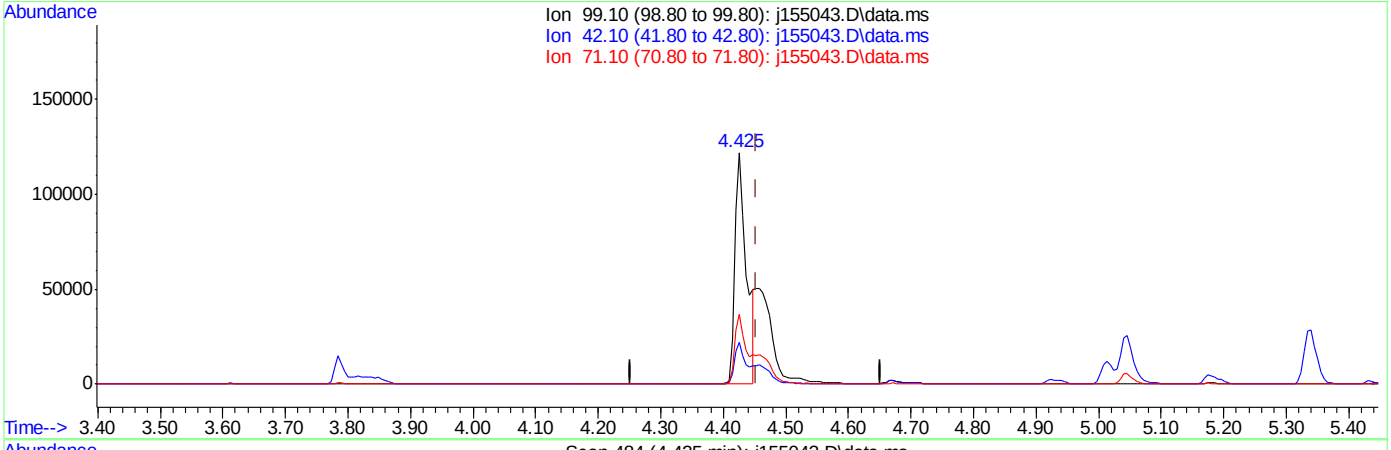
response 193855

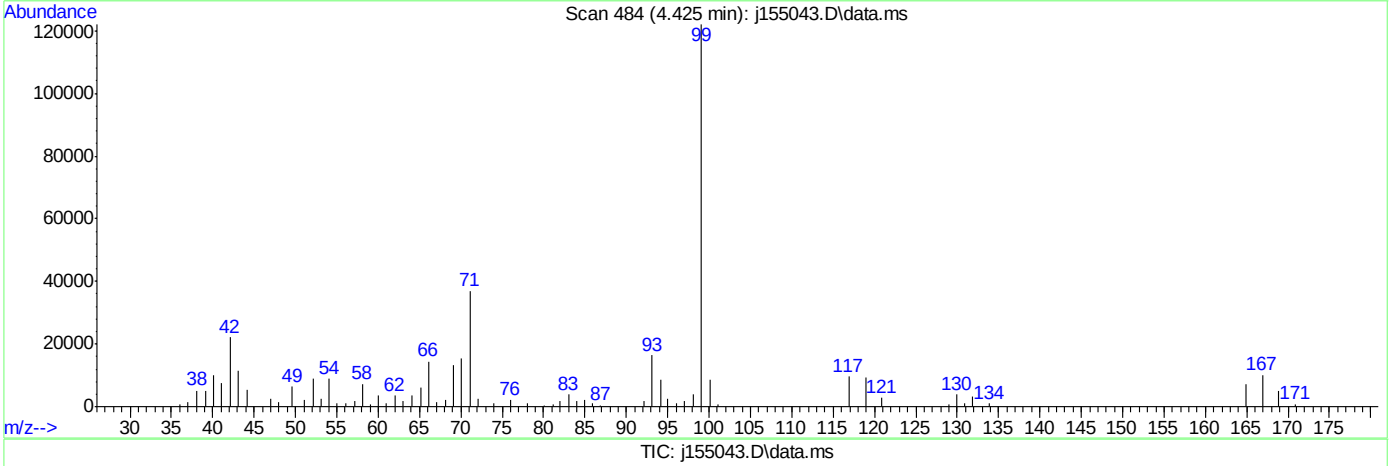
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	31.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(15) Phenol-d5 (S)

4.425min (-0.028) 12.98ppm

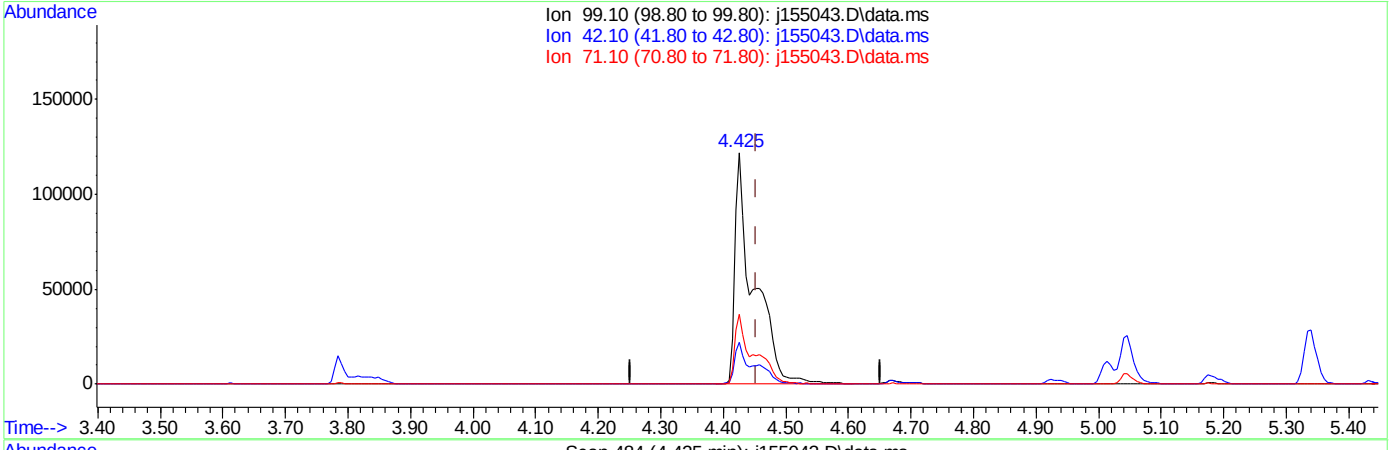
response 154779

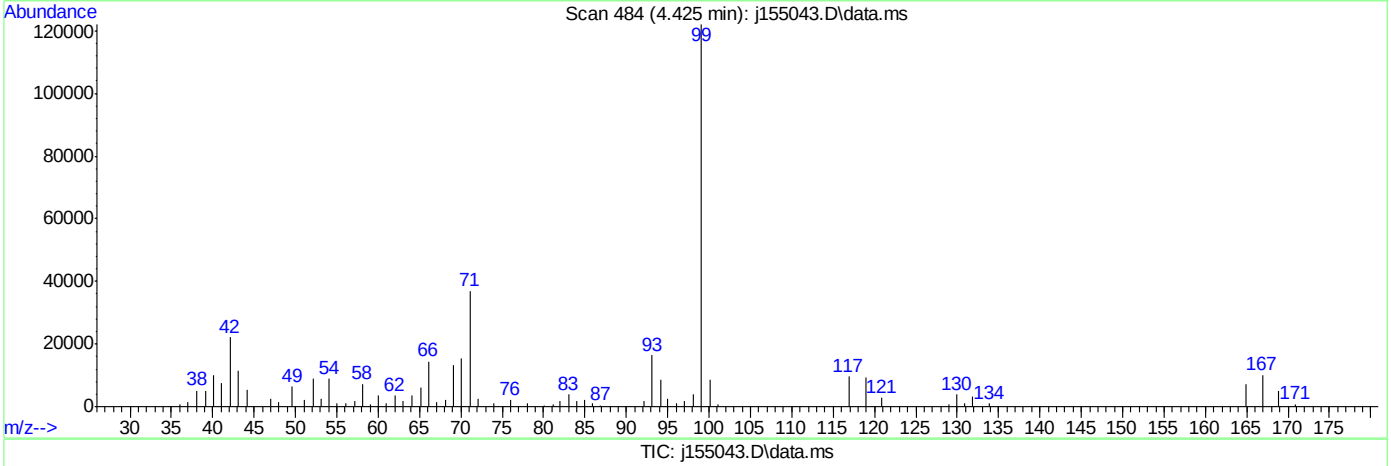
Ion	Exp%	Act%
99.10	100	100
42.10	17.90	18.79
71.10	32.90	48.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On : 5 Sep 2010 11:29 am
Operator : sheilac
Sample : ic921-5
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155043.D\data.ms

(15) Phenol-d5 (S)

4.425min (-0.028) 21.27ppm m

response 253636

Ion	Exp%	Act%
99.10	100	100
42.10	17.90	11.47
71.10	32.90	29.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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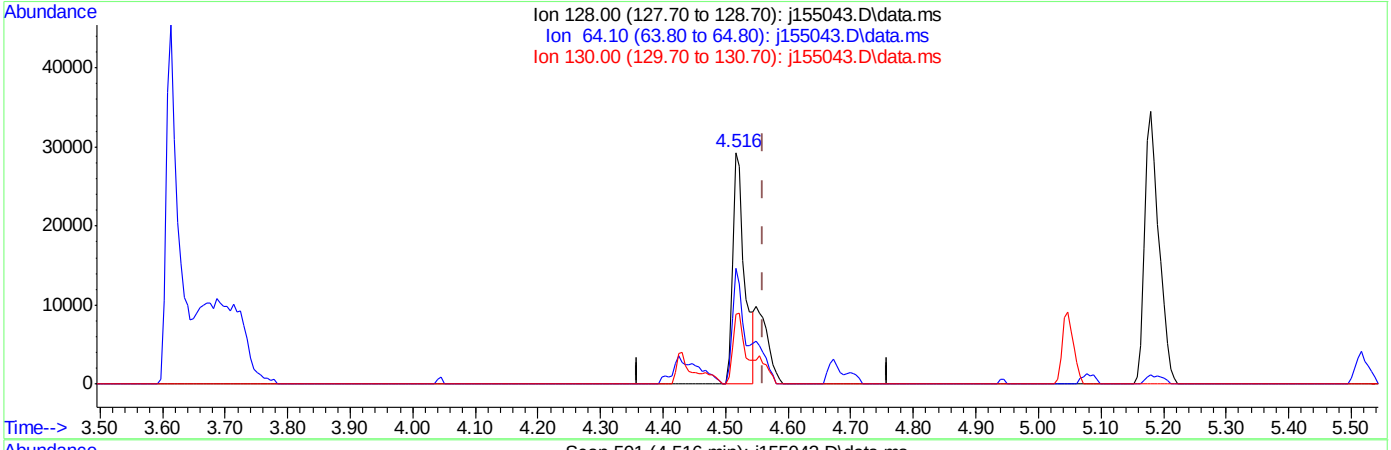
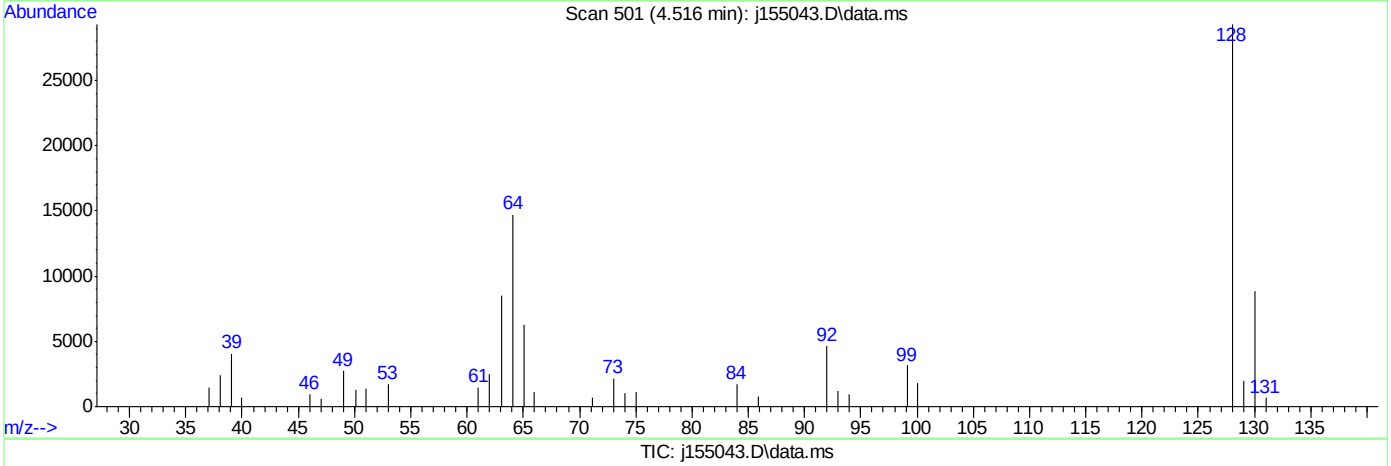




TIC: j155043.D\data.ms

(17) 2-Chlorophenol ( )

4.516min (-0.043) 3.30ppm

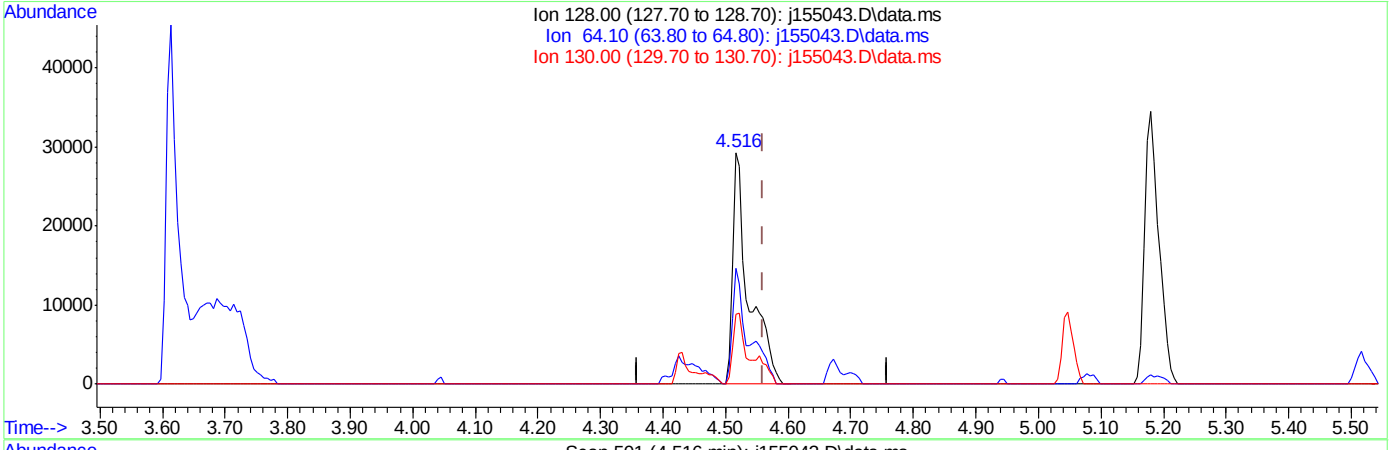
response 38431

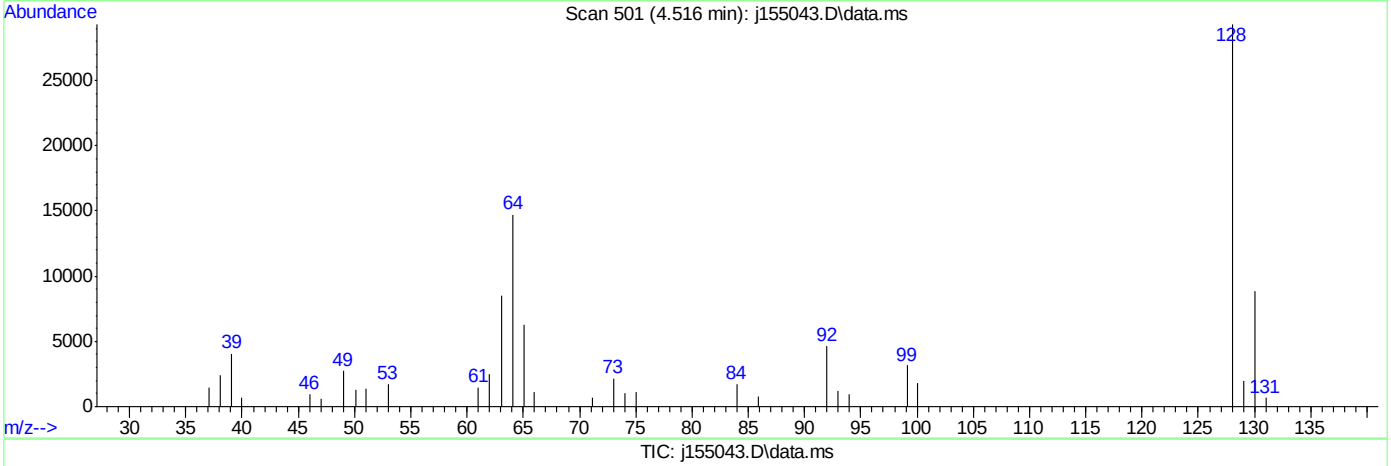
Ion	Exp%	Act%
128.00	100	100
64.10	47.20	46.33
130.00	32.60	32.35
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155043.D
Acq On    :  5 Sep 2010  11:29 am
Operator  : sheilac
Sample    : ic921-5
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 05 12:11:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155043.D\data.ms

(17) 2-Chlorophenol ( )

4.516min (-0.043) 4.50ppm m

response 52371

Ion	Exp%	Act%
128.00	100	100
64.10	47.20	34.00
130.00	32.60	23.74
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 14:10:21 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.672	152	347332	40.00	ppm	-0.04
31) Naphthalene-d8	5.929	136	1323700	40.00	ppm	-0.06
57) Acenaphthene-d10	8.453	164	869104	40.00	ppm	-0.07
88) Phenanthrene-d10	11.261	188	1411304	40.00	ppm	-0.10
118) Chrysene-d12	16.813	240	1435495	40.00	ppm	-0.10
134) Perylene-d12	19.621	264	911541	40.00	ppm	-0.10
System Monitoring Compounds						
13) 2-Fluorophenol	3.607	112	393639m	37.22	ppm	-0.03
Spiked Amount 100.000	Range 23 - 110		Recovery = 37.22%			
15) Phenol-d5	4.420	99	481830	38.10	ppm	-0.03
Spiked Amount 100.000	Range 23 - 114		Recovery = 38.10%			
32) Nitrobenzene-d5	5.180	82	230806	20.31	ppm	-0.07
Spiked Amount 50.000	Range 36 - 126		Recovery = 40.62%			
61) 2-Fluorobiphenyl	7.362	172	476100	20.86	ppm	-0.08
Spiked Amount 50.000	Range 34 - 132		Recovery = 41.72%			
93) 2,4,6-Tribromophenol	9.908	330	78417	31.57	ppm	-0.10
Spiked Amount 100.000	Range 33 - 138		Recovery = 31.57%#			
121) Terphenyl-d14	14.647	244	486533	5.39	ppm	-0.10
Spiked Amount 50.000	Range 46 - 136		Recovery = 10.78%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.051	79	77480m	8.27	ppm	
3) 1,4-Dioxane	2.003	88	103180m	16.48	ppm	
4) N-nitrosodimethylamine	2.356	42	55751m	12.04	ppm	
5) Pyridine	2.334	79	121292m	10.20	ppm	
6) 2-Picoline	3.040	93	124720m	8.91	ppm	
7) N-Nitrosomethylethylamine	3.179	42	66770	10.46	ppm #	81
8) Methyl methanesulfonate	3.447	80	55129m	9.22	ppm	
9) N-Nitrosodiethylamine	3.784	102	60091m	8.85	ppm	
10) Ethyl methanesulfonate	4.046	79	82804	8.96	ppm	98
11) Benzaldehyde	4.308	106	38550	11.96	ppm	98
12) Aniline	4.404	93	108059	7.18	ppm	84
14) bis(2-Chloroethyl)ether	4.452	93	145117	9.81	ppm	91
16) Phenol	4.436	94	146285	9.33	ppm	88
17) 2-Chlorophenol	4.517	128	106350	8.61	ppm	86
18) 1,3-Dichlorobenzene	4.624	146	128676	9.25	ppm	94
19) 1,4-Dichlorobenzene	4.688	146	131412	9.58	ppm	97
20) 1,2-Dichlorobenzene	4.827	146	122781	9.67	ppm	100
21) Benzyl alcohol	4.811	108	68721	8.25	ppm	100
22) bis(2-chloroisopropyl)...	4.923	45	205202	10.32	ppm	88
23) 2-Methylphenol	4.944	108	100468	8.39	ppm	89
24) N-Nitrosopyrrolidine	5.014	100	60531	9.10	ppm	94
25) N-Nitrosomorpholine	5.046	56	79962	10.52	ppm	95
26) o-Toluidine	5.073	106	184895	9.30	ppm #	97
27) Acetophenone	5.041	105	154793	9.29	ppm	99
28) Hexachloroethane	5.132	117	45647	8.97	ppm	98
29) N-Nitroso-di-n-propyla...	5.046	70	91697	10.32	ppm	83
30) 3&4-Methylphenol	5.084	108	112206	9.22	ppm #	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 14:10:21 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.196	77	119976	10.20	ppm		98
34) N-Nitrosopiperidine	5.340	42	80709	10.42	ppm		92
36) Isophorone	5.437	82	236276	9.50	ppm		99
37) 2-Nitrophenol	5.517	139	45724	8.10	ppm		96
38) 2,4-Dimethylphenol	5.586	107	105949	9.23	ppm		97
39) bis(2-Chloroethoxy)met...	5.656	93	173309	10.37	ppm		99
40) O,O,O-Triethyl phospho...	5.629	121	54716	7.83	ppm		99
41) Benzoic Acid	5.929	105	5694m	7.72	ppm		
42) 2,4-Dichlorophenol	5.806	162	72619	8.67	ppm		98
43) 1,2,4-Trichlorobenzene	5.870	180	99387	9.70	ppm		99
44) Naphthalene	5.950	128	344135	10.02	ppm		99
45) 4-Chloroaniline	6.014	127	117094	8.97	ppm		100
46) 2,6-Dichlorophenol	6.036	162	75653	9.27	ppm		99
47) Hexachloropropene	6.062	213	29760	7.15	ppm		98
48) Hexachlorobutadiene	6.110	225	52154	9.95	ppm		99
51) N-Nitrosodi-n-butylamine	6.426	84	105787	10.90	ppm	#	86
52) 4-Chloro-3-methylphenol	6.672	107	80131	8.52	ppm		99
53) Isosafrole	6.704	162	87071	9.62	ppm		99
54) 2-Methylnaphthalene	6.822	142	225576	9.67	ppm		99
55) 1-Methylnaphthalene	6.961	142	223641	9.83	ppm		99
56) 1,2,4,5-Tetrachloroben...	7.068	216	88593	9.88	ppm		100
58) Hexachlorocyclopentadiene	7.068	237	1827	1.09	ppm	#	93
59) 2,4,6-Trichlorophenol	7.255	196	43936	7.82	ppm		98
60) 2,4,5-Trichlorophenol	7.346	196	43864	8.48	ppm		98
62) Safrole	7.464	162	86278	8.95	ppm		99
63) 1,1'-Biphenyl	7.512	154	270584	10.09	ppm		99
64) 2-Chloronaphthalene	7.533	162	234995	9.07	ppm		97
65) 1-Chloronaphthalene	7.565	162	195799	12.24	ppm		98
66) 2-Nitroaniline	7.704	65	67886	9.00	ppm		93
67) 1,4-Naphthoquinone	7.806	158	77082	10.09	ppm		96
68) Acenaphthylene	8.202	152	347166	9.80	ppm		100
69) Dimethylphthalate	8.025	163	249587	9.41	ppm		100
70) m-Dinitrobenzene	8.052	168	35011	8.40	ppm		95
71) 2,6-Dinitrotoluene	8.105	165	57139	9.49	ppm		84
72) Acenaphthene	8.507	153	225995	10.07	ppm		100
73) 3-Nitroaniline	8.389	138	46265	7.93	ppm		99
74) 2,4-Dinitrophenol	8.603	184	4840	6.34	ppm		95
75) Dibenzofuran	8.812	168	296536	9.85	ppm		99
76) Pentachlorobenzene	10.405	250	62936	9.81	ppm	#	96
77) 2,4-Dinitrotoluene	8.812	165	67515	9.15	ppm		97
78) 4-Nitrophenol	8.881	109	13611	6.17	ppm	#	82
79) 1-Naphthylamine	8.945	143	81877	5.85	ppm	#	95
80) 2-Naphthylamine	9.095	143	60375	5.17	ppm		99
81) 2,3,4,6-Tetrachlorophenol	9.079	232	27038	5.76	ppm		93
82) Fluorene	9.437	166	254330	10.27	ppm		99
83) 4-Chlorophenyl-phenyle...	9.464	204	118136	8.60	ppm		97
84) Diethylphthalate	9.298	149	264452	9.95	ppm		100
85) 5-Nitro-o-toluidine	9.480	152	63799	7.98	ppm	#	43
86) Thionazin	10.293	97	35944	9.74	ppm		96
87) 4-Nitroaniline	9.501	138	47915	7.85	ppm		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 14:10:21 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
89)	4,6-Dinitro-2-methylph...	9.582	198	21523	5.09	ppm		95
90)	n-Nitrosodiphenylamine	9.694	169	208387	9.42	ppm		100
91)	1,2-Diphenylhydrazine	9.764	77	256945	8.97	ppm		99
92)	Diphenylamine	9.694	169	208387	9.42	ppm		100
94)	Tetraethyl dithiopyrop...	10.074	97	43400	9.60	ppm		89
95)	sym-Trinitrobenzene	10.288	213	20933	15.14	ppm	#	1
96)	Diallate	10.293	43	128684	11.02	ppm		89
97)	Phorate	10.293	75	214258	10.44	ppm		94
98)	4-Bromophenyl-phenylether	10.405	248	64017	9.41	ppm		99
99)	Phenacetin	10.352	108	114445	13.54	ppm		96
100)	Hexachlorobenzene	10.523	284	71768	10.16	ppm		99
101)	Dimethoate	10.603	87	101244	16.10	ppm		100
102)	Atrazine	10.801	200	58779	17.12	ppm		98
103)	4-aminobiphenyl	10.930	169	185847	9.91	ppm		98
104)	Pentachlorophenol	10.956	266	8478	3.90	ppm		91
105)	Pentachloronitrobenzene	10.962	237	27725	10.51	ppm		98
106)	Pronamide	11.127	173	118309	8.68	ppm		99
107)	Phenanthrene	11.304	178	350941	7.42	ppm		99
108)	Anthracene	11.406	178	345262	9.89	ppm		99
109)	Disulfoton	11.352	88	134718	7.83	ppm	#	90
110)	Carbazole	11.769	167	309745	8.45	ppm		99
111)	Methyl parathion	12.106	109	83871	14.52	ppm		98
112)	Di-n-butylphthalate	12.614	149	490376	8.90	ppm		99
113)	4-Nitroquinoline 1-Oxide	12.909	190	7656	12.90	ppm	#	91
114)	Parathion	12.946	97	56253	14.41	ppm		97
115)	Methapyrilene	13.160	58	51517	43.48	ppm		100
116)	Isodrin	13.443	193	45272	8.03	ppm		100
117)	Fluoranthene	13.764	202	381960	14.29	ppm		98
119)	Benzidine	14.107	184	82605	9.35	ppm		99
120)	Pyrene	14.219	202	409312	3.75	ppm		99
122)	Aramite	14.679	185	26692	6.00	ppm		98
123)	p-(Dimethylamine)azobe...	14.952	120	127384	6.16	ppm		99
124)	Chlorobenzilate	15.091	139	141344	5.40	ppm		99
126)	3,3'-Dimethylbenzidine	15.663	212	127813	13.22	ppm		97
128)	Butylbenzylphthalate	15.749	149	214018	8.70	ppm		98
129)	2-Acetylaminofluorene	16.193	181	119836	14.98	ppm		99
130)	3,3'-Dichlorobenzidine	16.786	252	102904	12.22	ppm		99
131)	Benzo[a]anthracene	16.786	228	353215	9.53	ppm		99
132)	Chrysene	16.856	228	348663	10.46	ppm		98
133)	bis(2-Ethylhexyl)phtha...	17.038	149	293141	10.15	ppm		100
135)	Di-n-octylphthalate	18.332	149	441348	9.66	ppm		99
136)	Benzo[b]fluoranthene	18.920	252	289438	6.08	ppm		99
137)	Benzo[k]fluoranthene	18.974	252	282740	6.78	ppm		99
138)	7,12-Dimethylbenz(a)an...	18.915	256	56358	4.37	ppm		95
140)	Benzo[a]pyrene	19.509	252	248308	9.70	ppm		99
141)	3-Methylcholanthrene	20.183	268	107731	9.57	ppm		99
142)	Indeno[1,2,3-cd]pyrene	21.793	276	176396	7.70	ppm		94
143)	Dibenz[a,h]anthracene	21.830	278	144677	7.68	ppm		99
144)	Benzo[g,h,i]perylene	22.402	276	139130	7.70	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 14:10:21 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

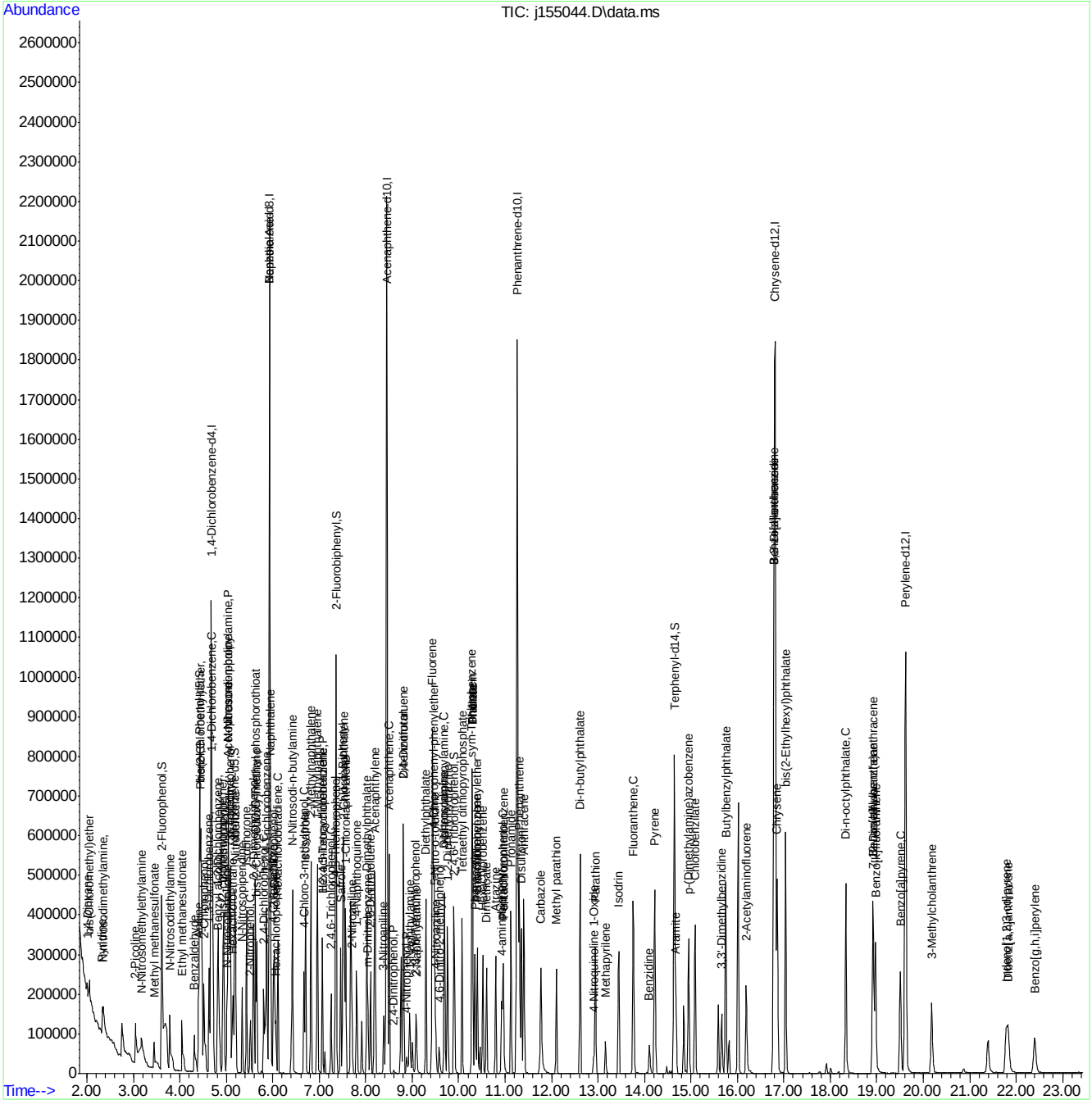
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

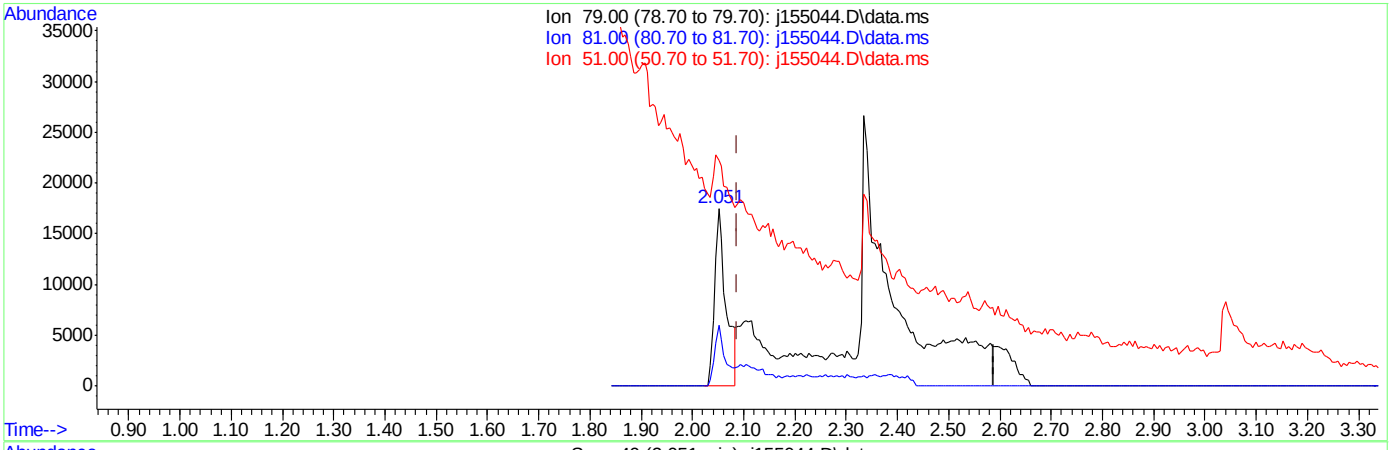
Quant Time: Sep 05 14:10:21 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

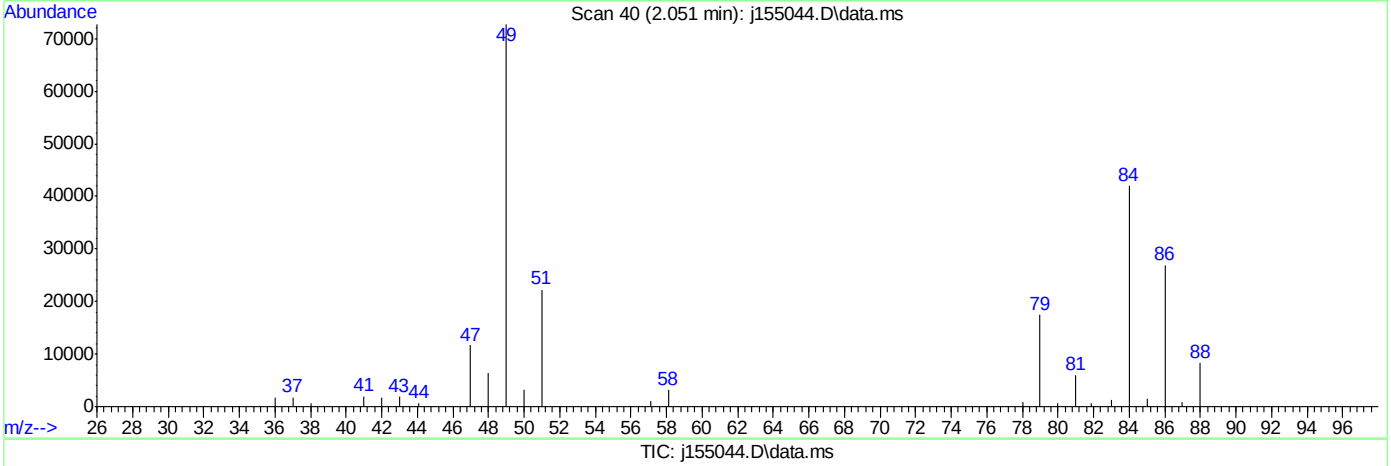


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(2) bis(Chloromethyl)ether

2.051min (-0.037) 2.97ppm

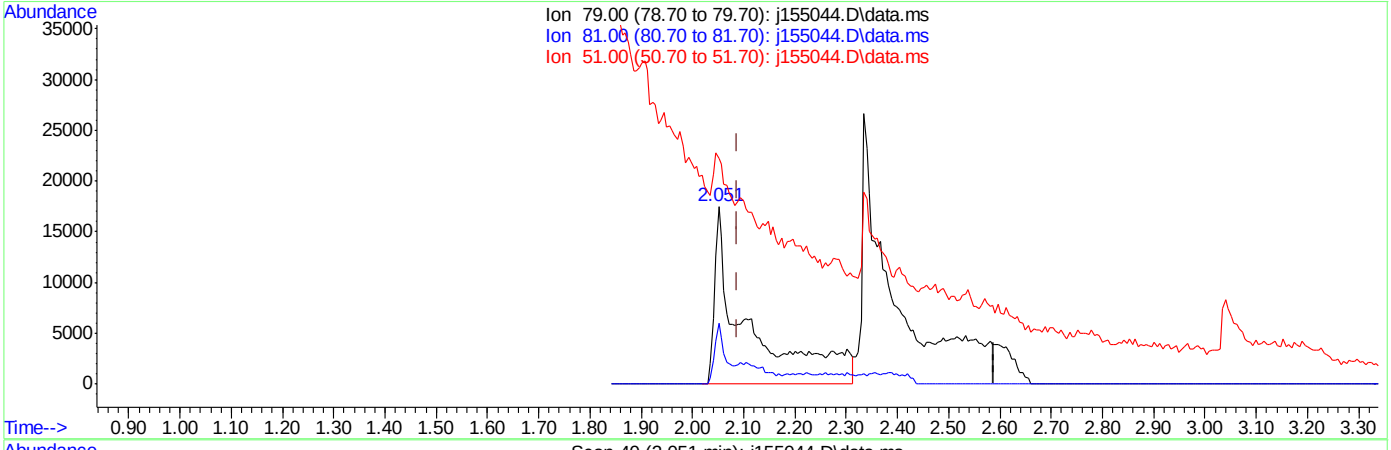
response 27804

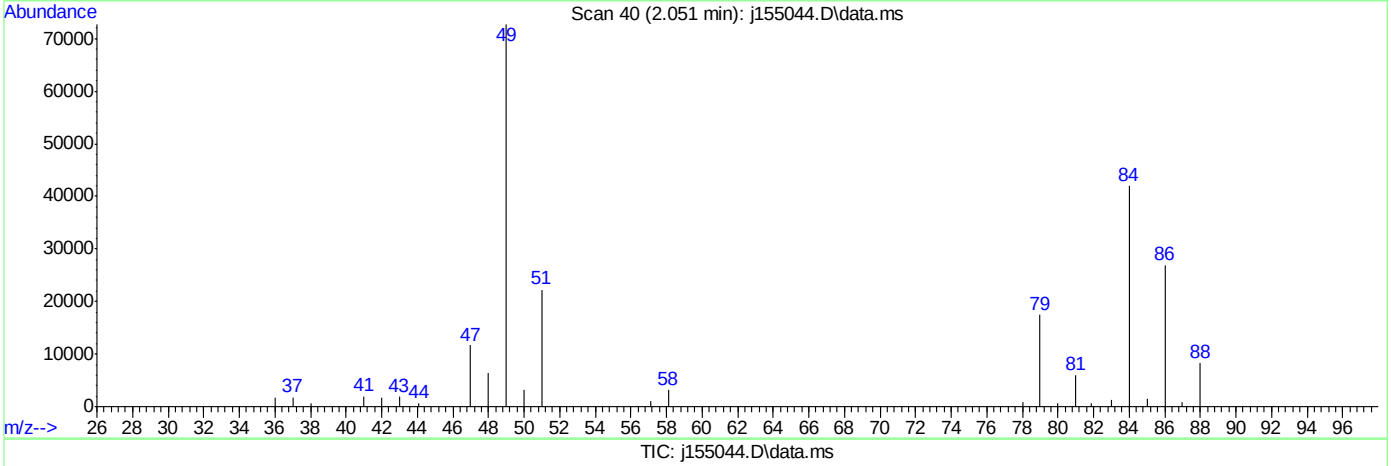
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	33.18
51.00	37.30	25.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(2) bis(Chloromethyl)ether

2.051min (-0.037) 8.27ppm m

response 77480

Ion	Exp%	Act%
79.00	100	100
81.00	34.30	11.91#
51.00	37.30	9.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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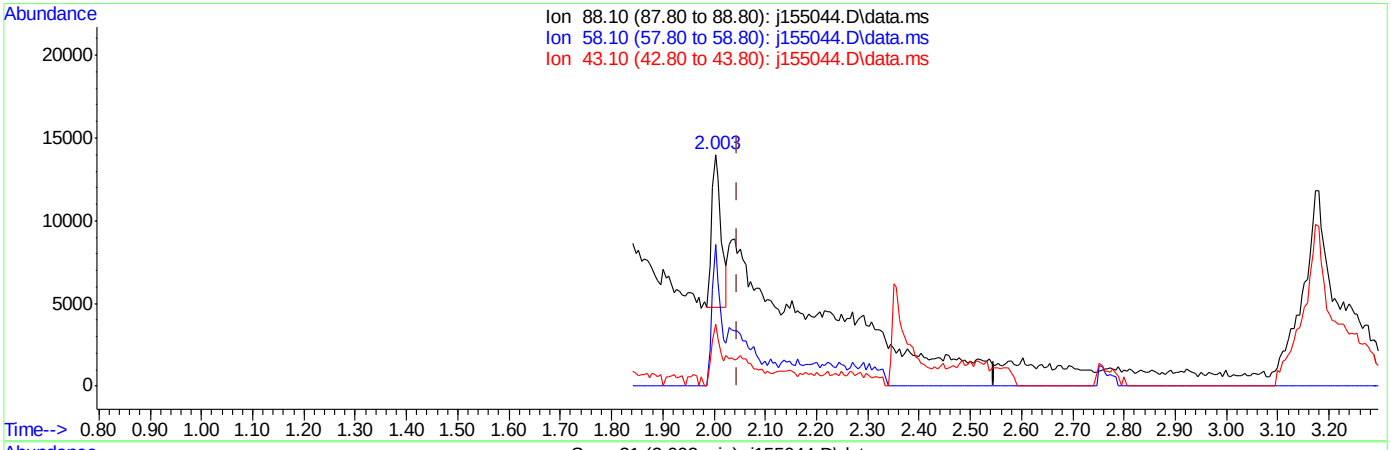

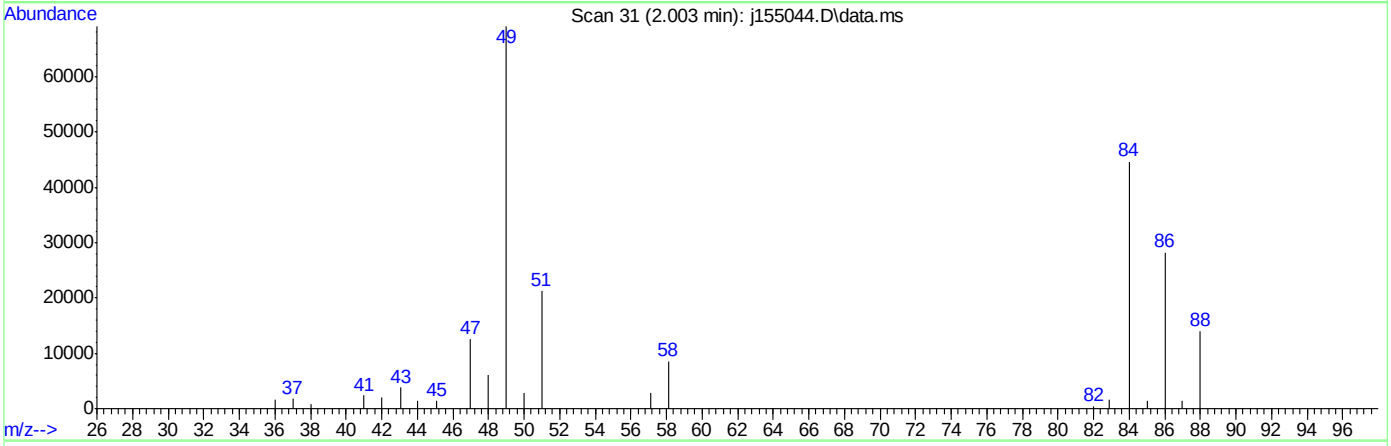

TIC: j155044.D\data.ms

(3) 1,4-Dioxane

2.003min (-0.043) 1.86ppm

response 11628

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	89.43
43.10	29.20	39.26
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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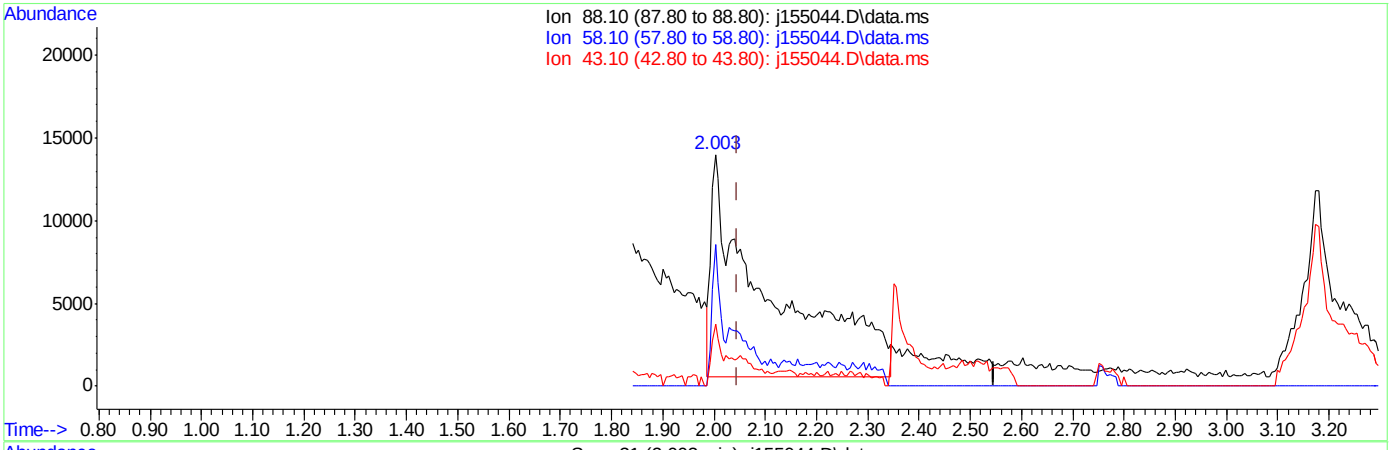
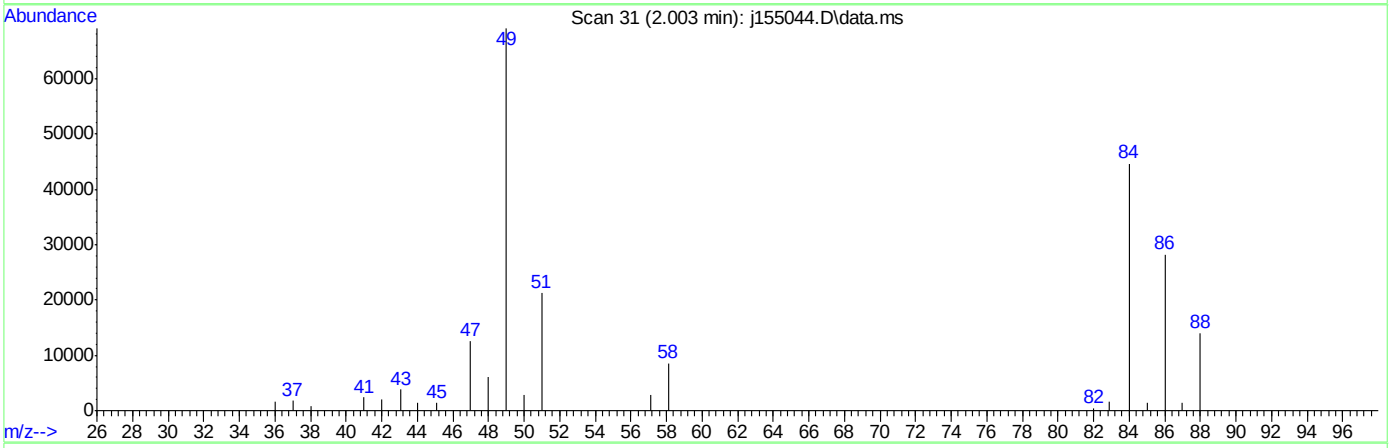




TIC: j155044.D\data.ms

(3) 1,4-Dioxane

2.003min (-0.043) 16.48ppm m

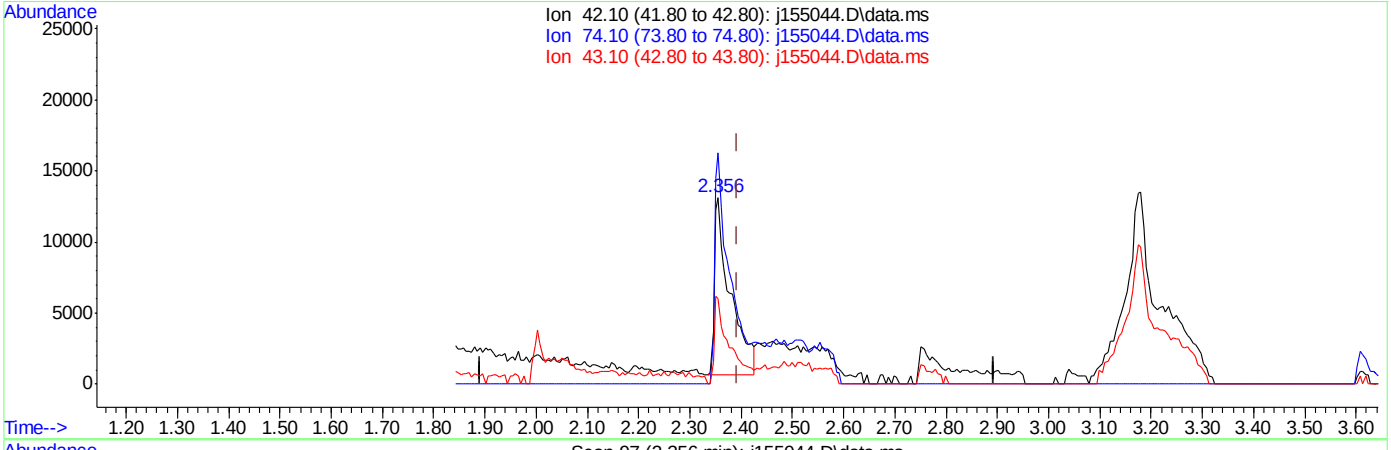
response 103180

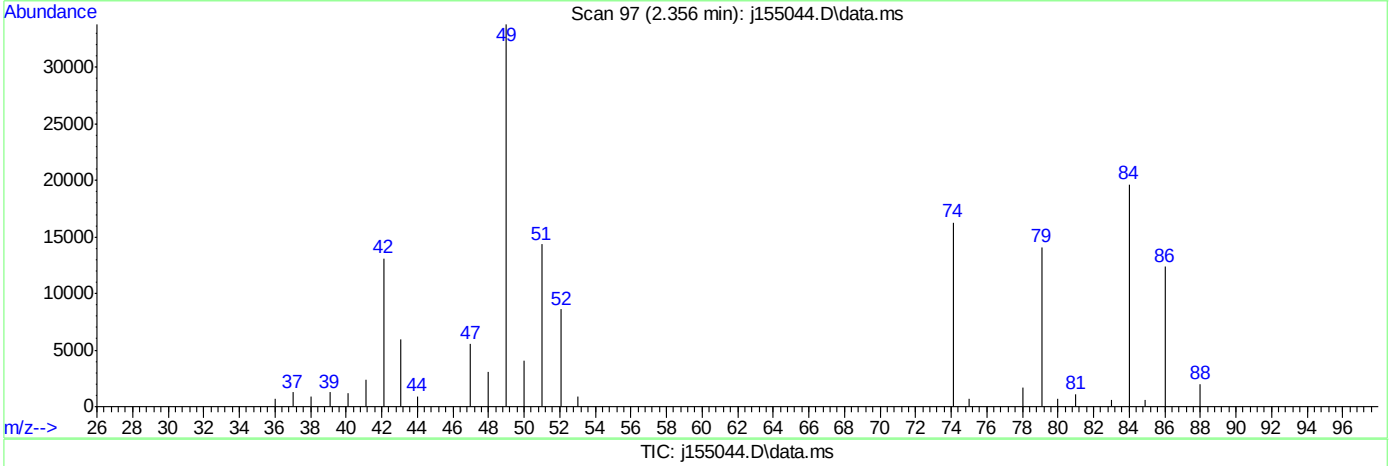
Ion	Exp%	Act%
88.10	100	100
58.10	70.00	10.08#
43.10	29.20	4.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 5.84ppm

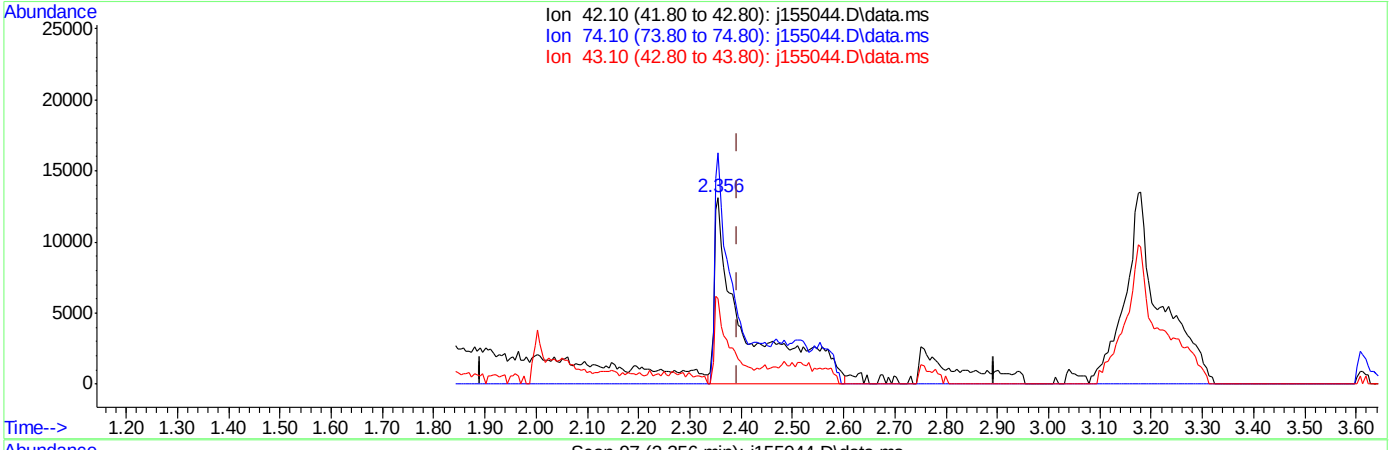
response 27043

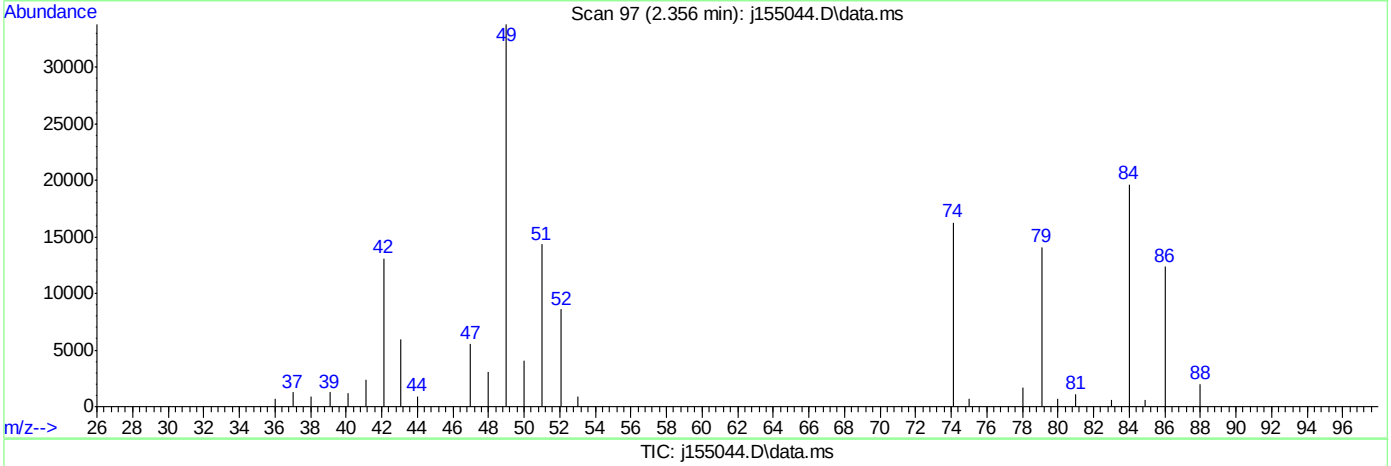
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	127.54
43.10	44.70	48.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 12.04ppm m

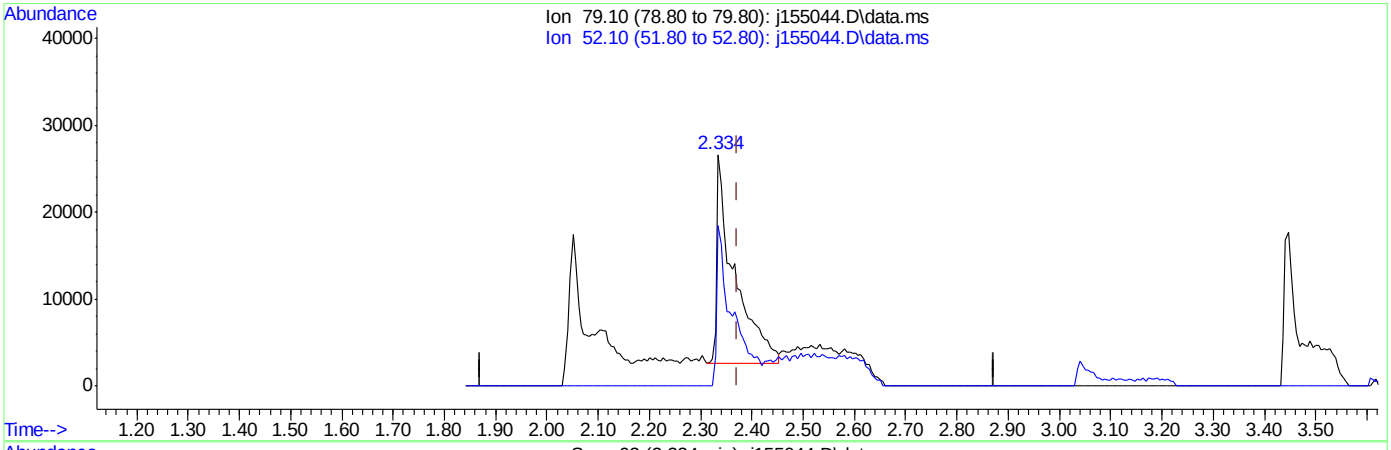
response 55751

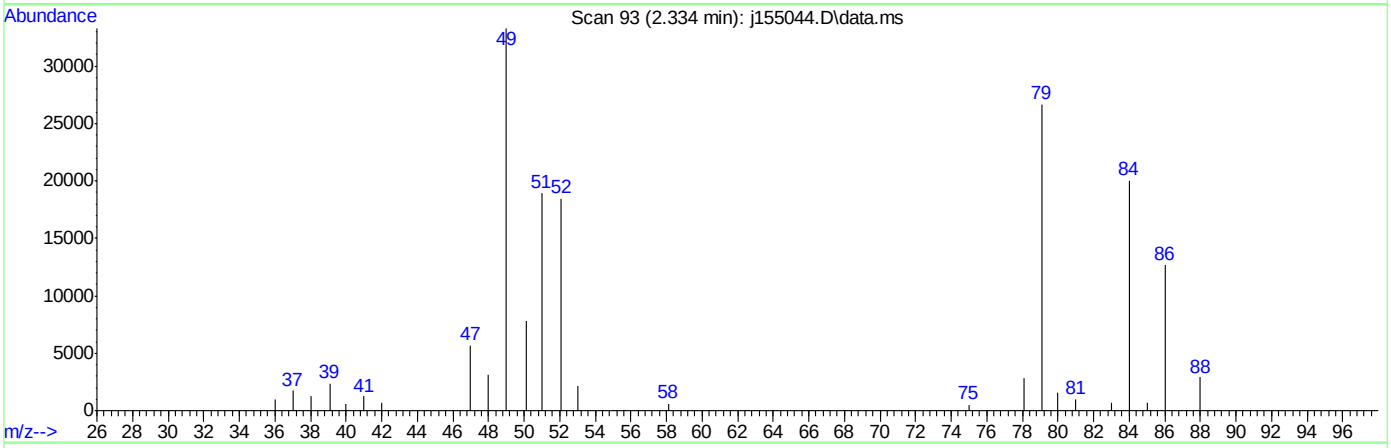
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	61.87#
43.10	44.70	23.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 4.76ppm

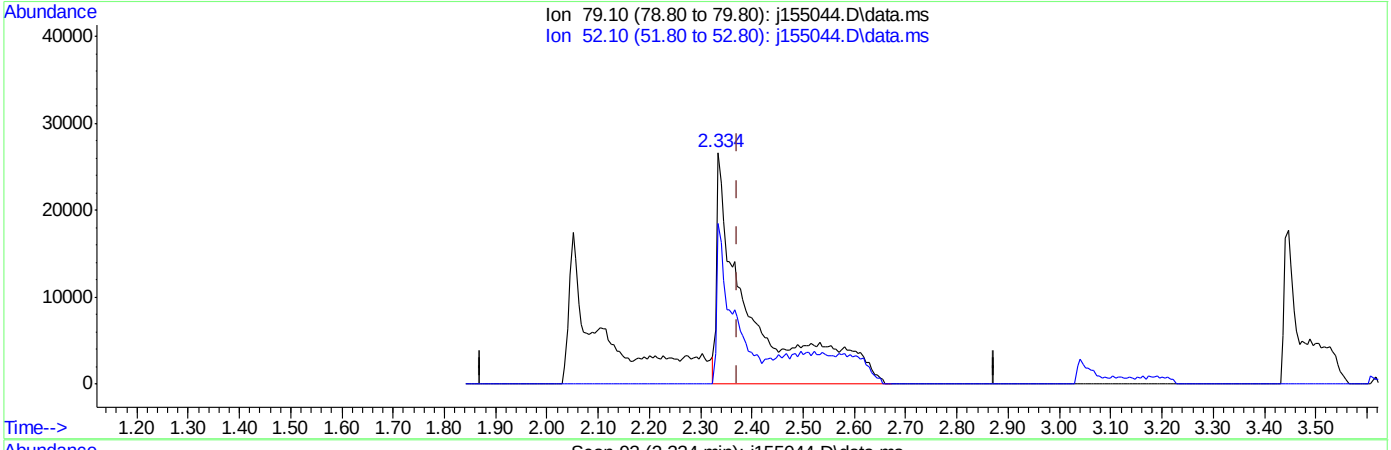
response 56542

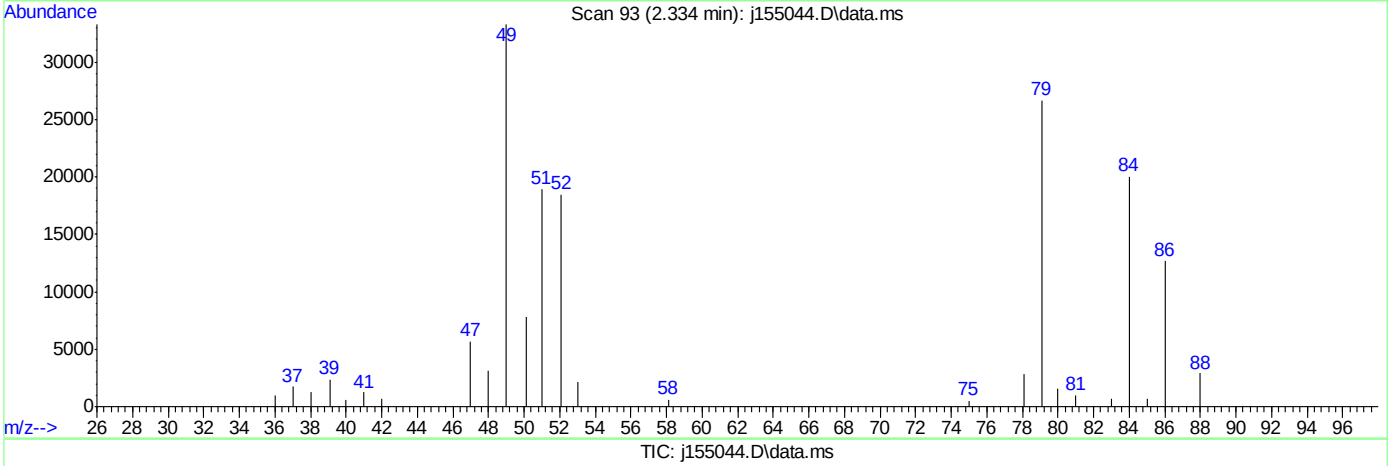
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	72.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 10.20ppm m

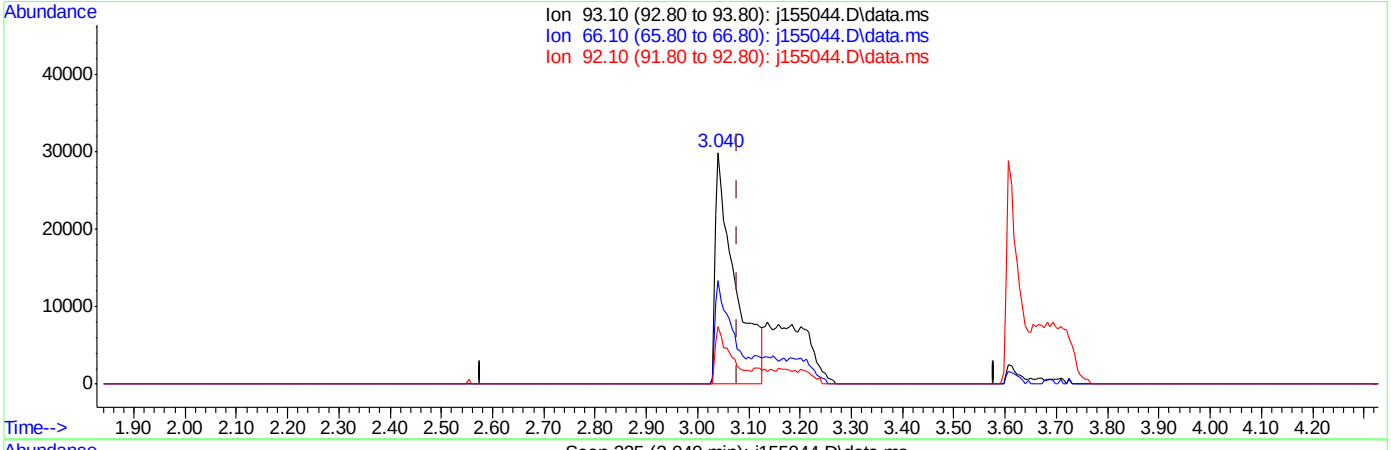
response 121292

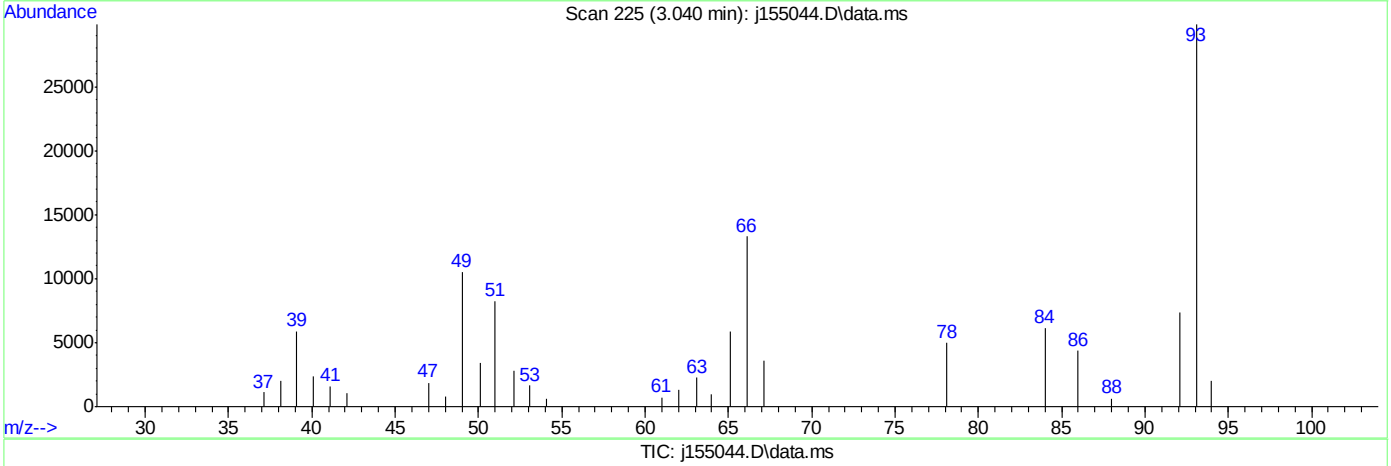
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	33.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 5.64ppm

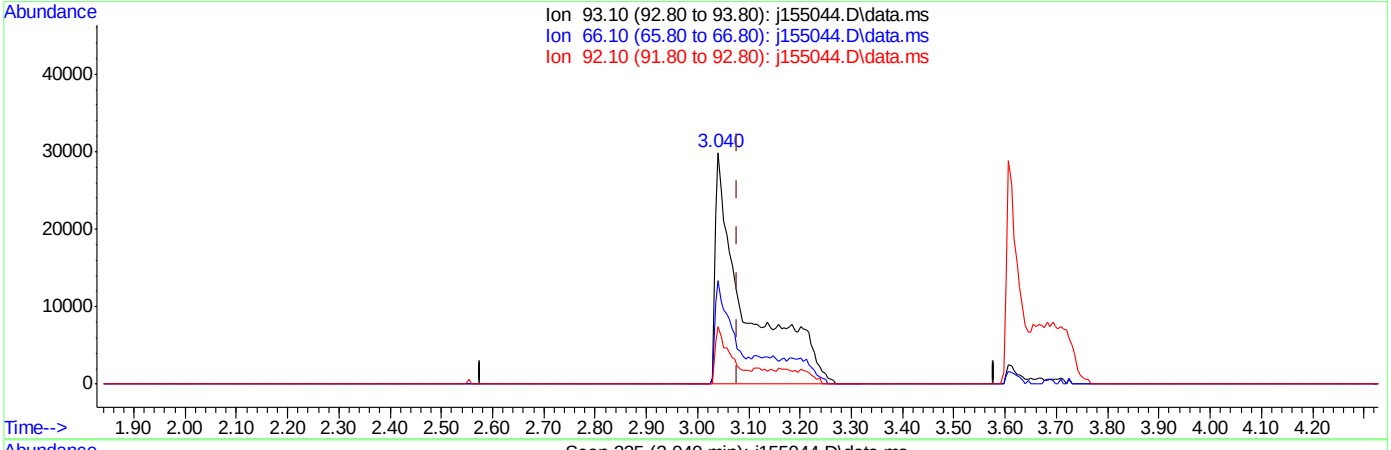
response 79008

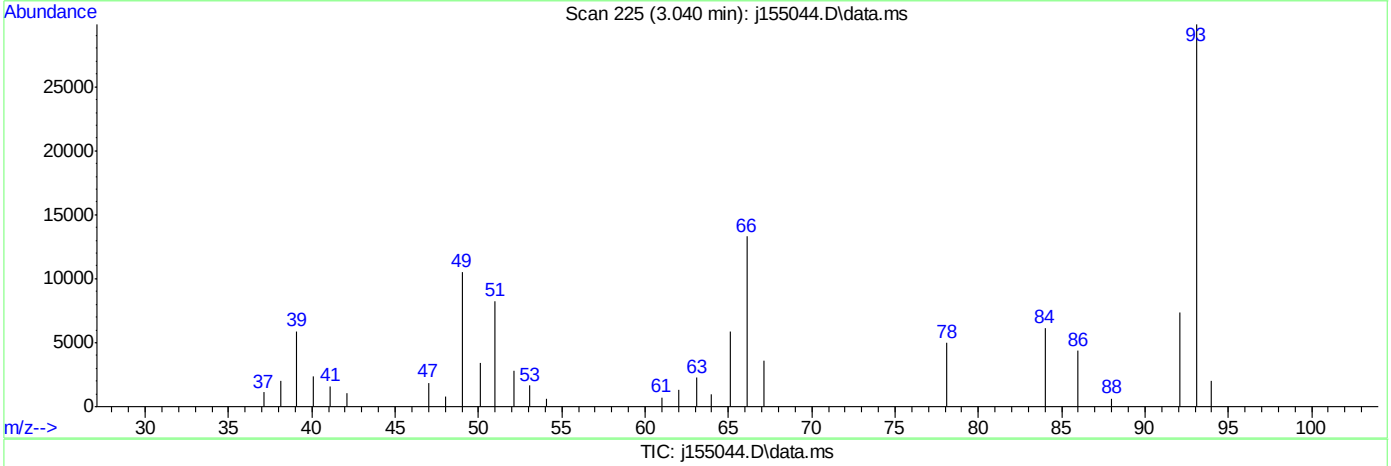
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	39.89
92.10	23.70	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 8.91ppm m

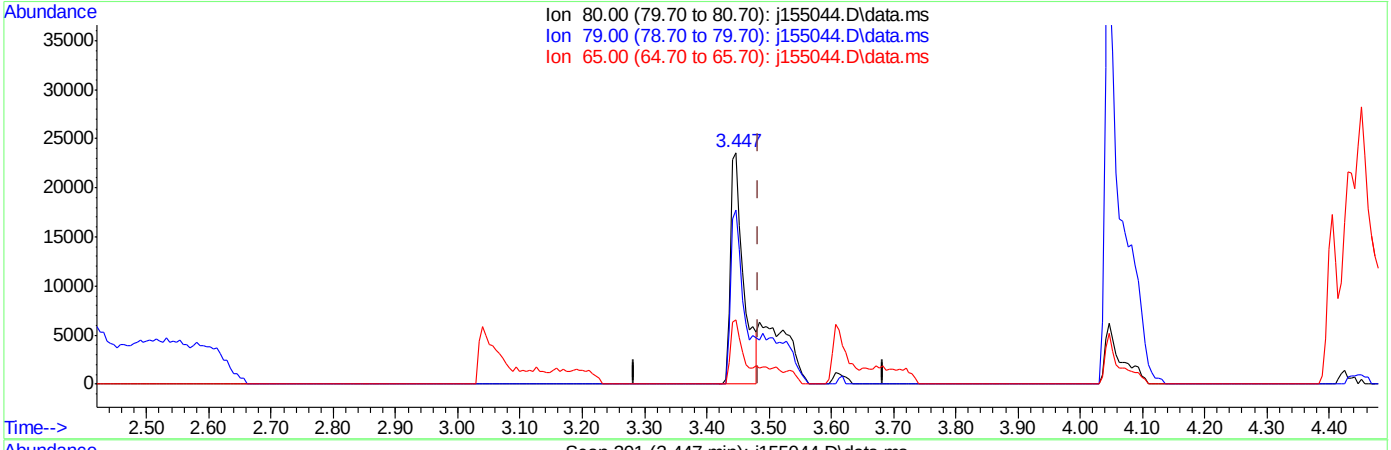
response 124720

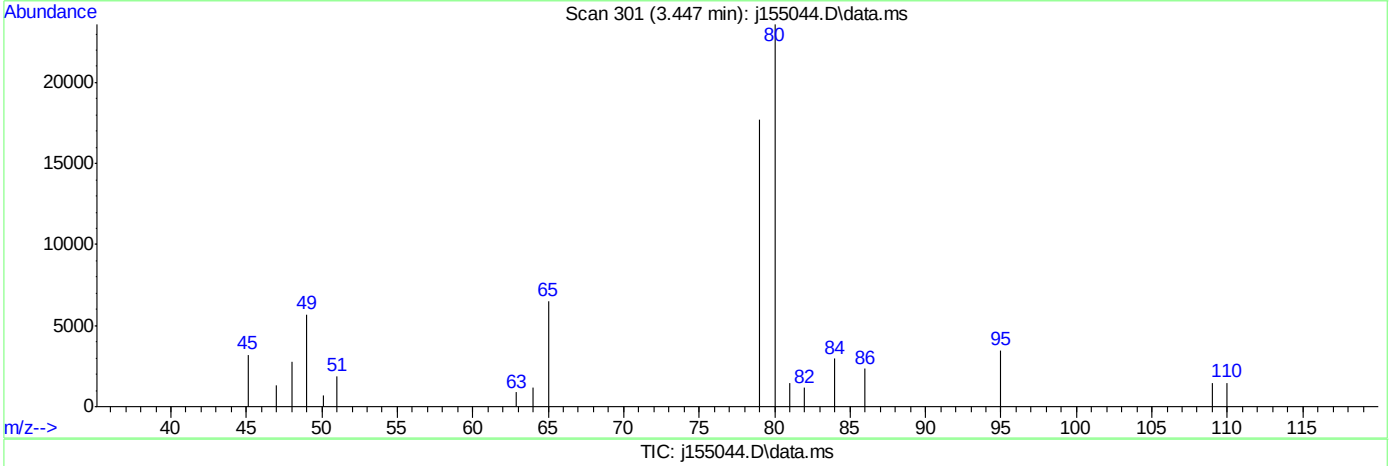
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	25.27#
92.10	23.70	12.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155044.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 5.67ppm

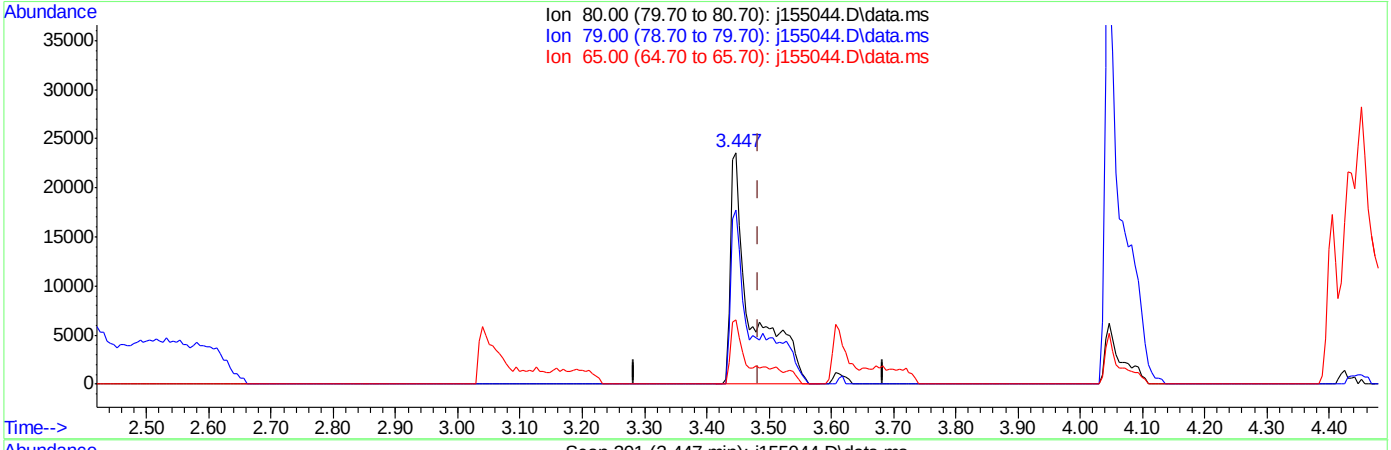
response 33905

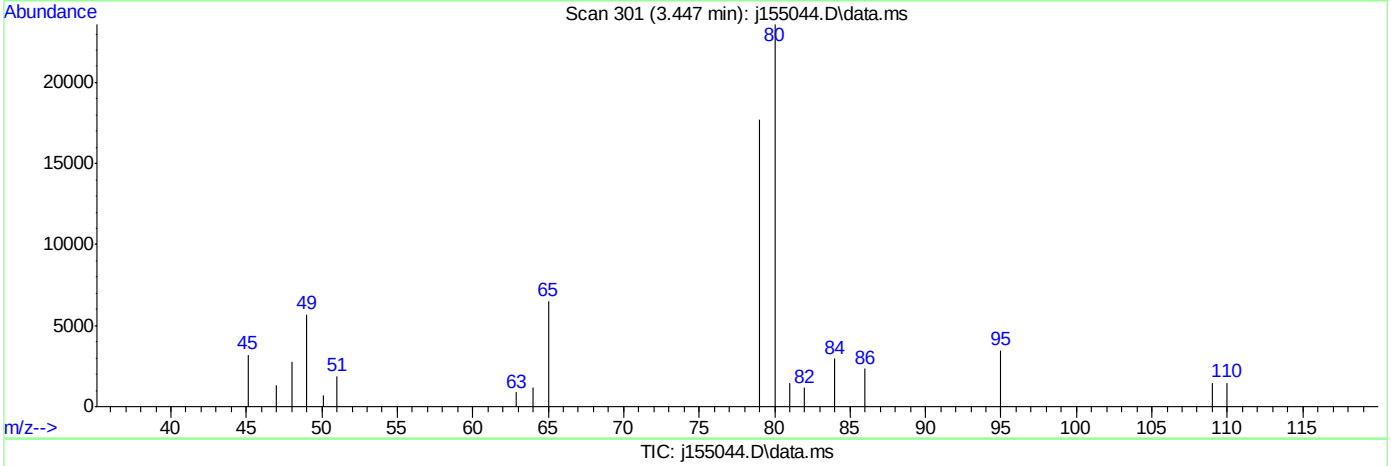
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	82.41#
65.00	6000.00	26.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155044.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 9.22ppm m

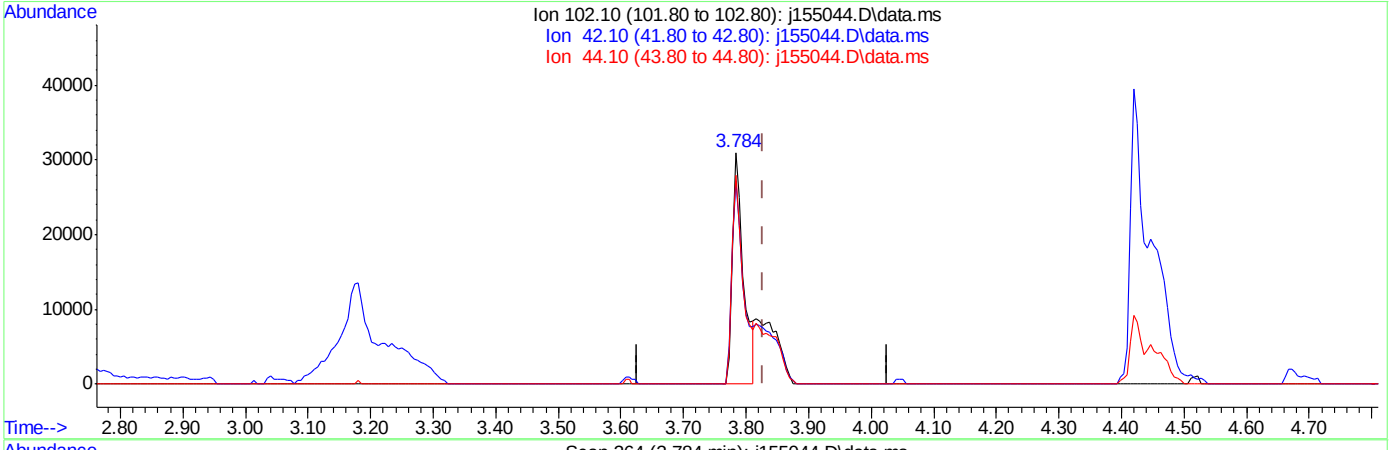
response 55129

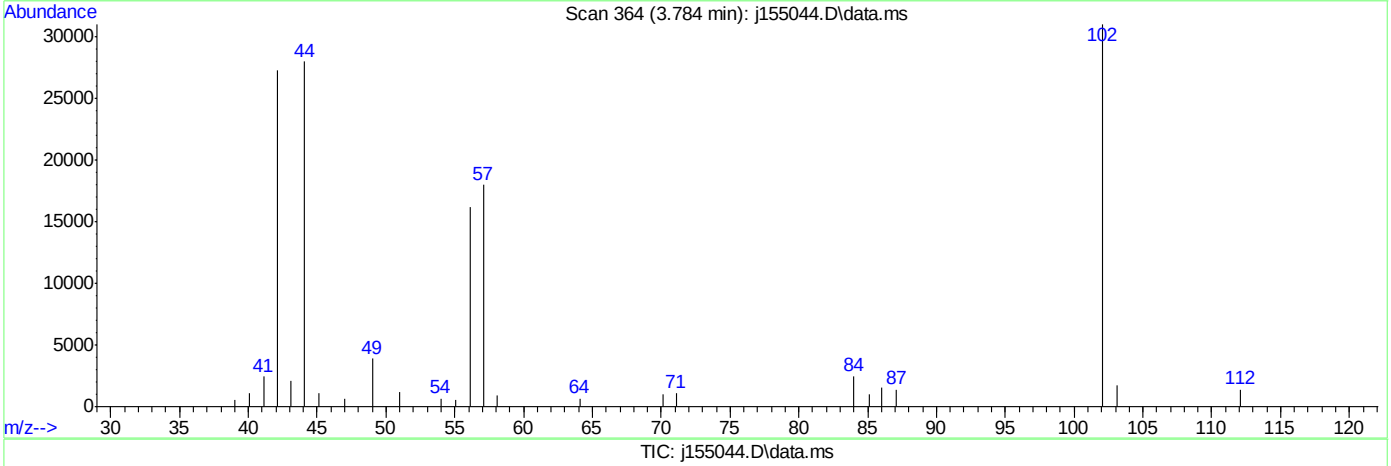
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	50.68#
65.00	6000.00	16.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155044.D\data.ms

(9) N-Nitrosodiethylamine

3.784min (-0.043) 5.61ppm

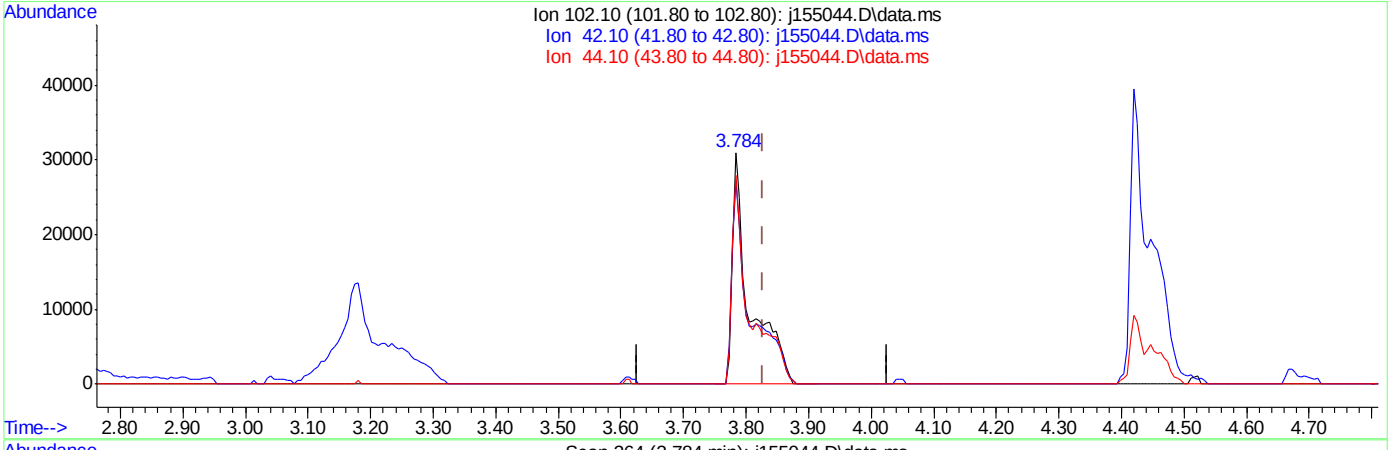
response 38126

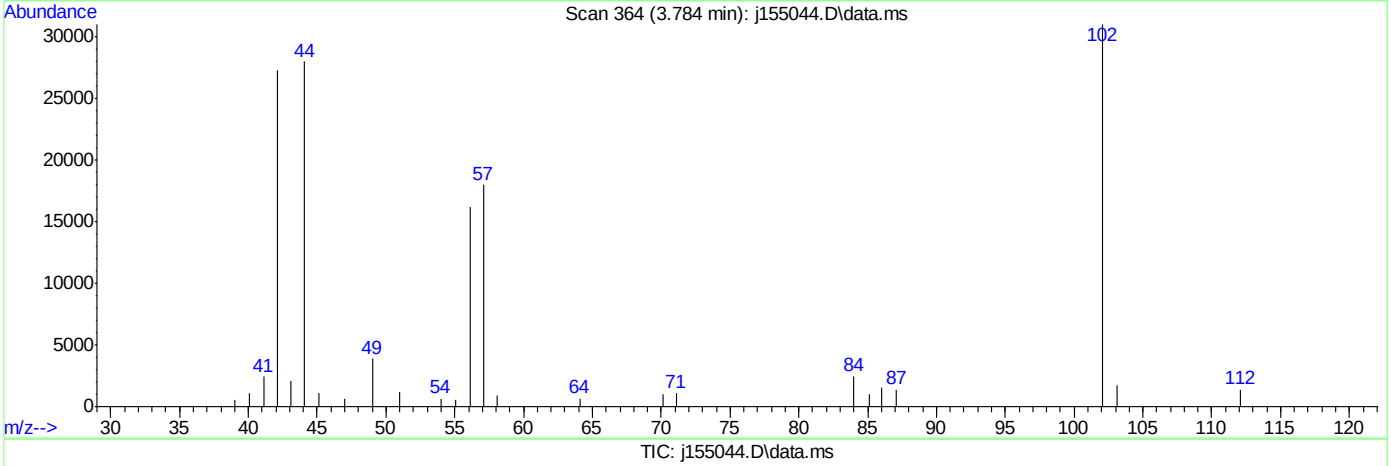
Ion	Exp%	Act%
102.10	100	100
42.10	90.10	93.17
44.10	92.20	93.52
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155044.D\data.ms

(9) N-Nitrosodiethylamine

3.784min (-0.043) 8.85ppm m

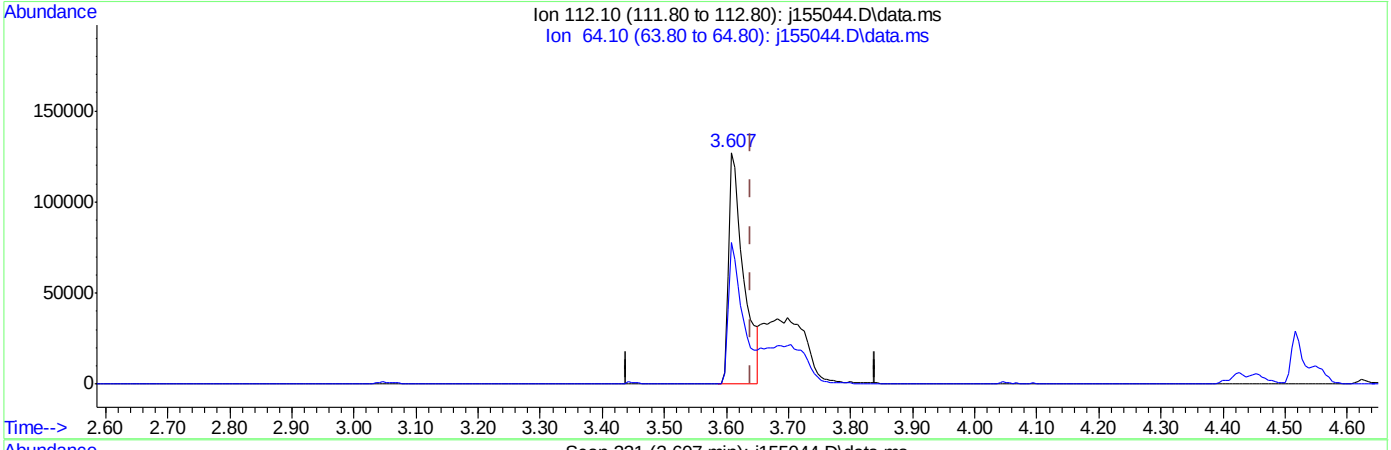
response 60091

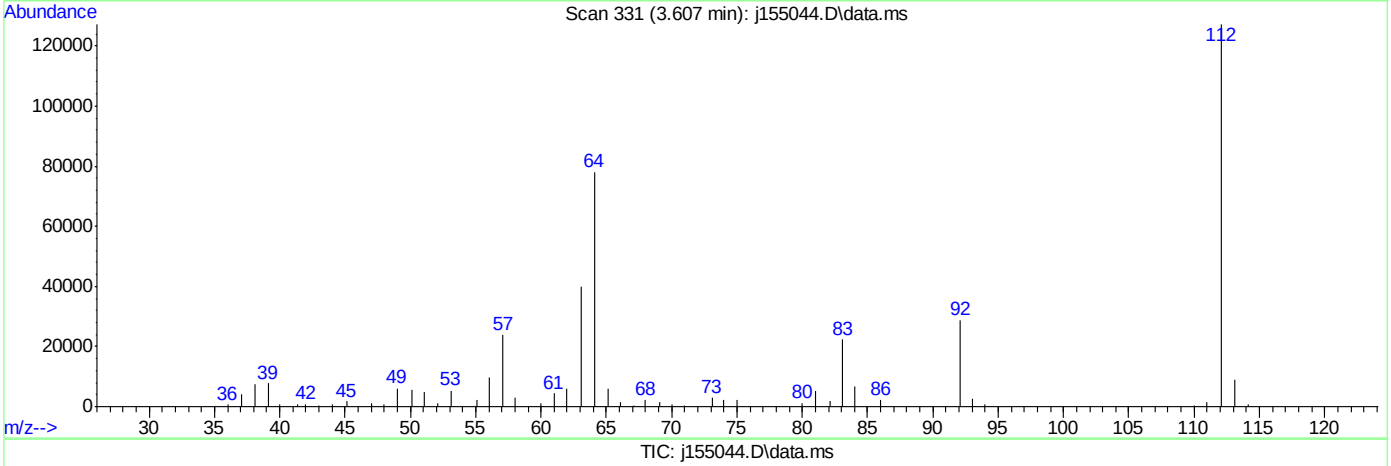
Ion	Exp%	Act%
102.10	100	100
42.10	90.10	59.11#
44.10	92.20	59.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 20.56ppm

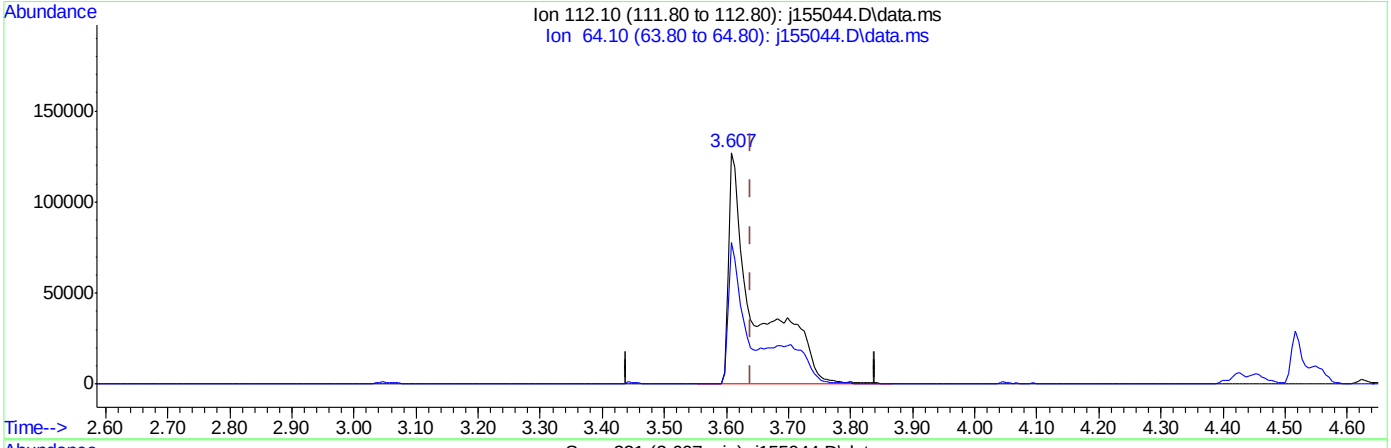
response 217458

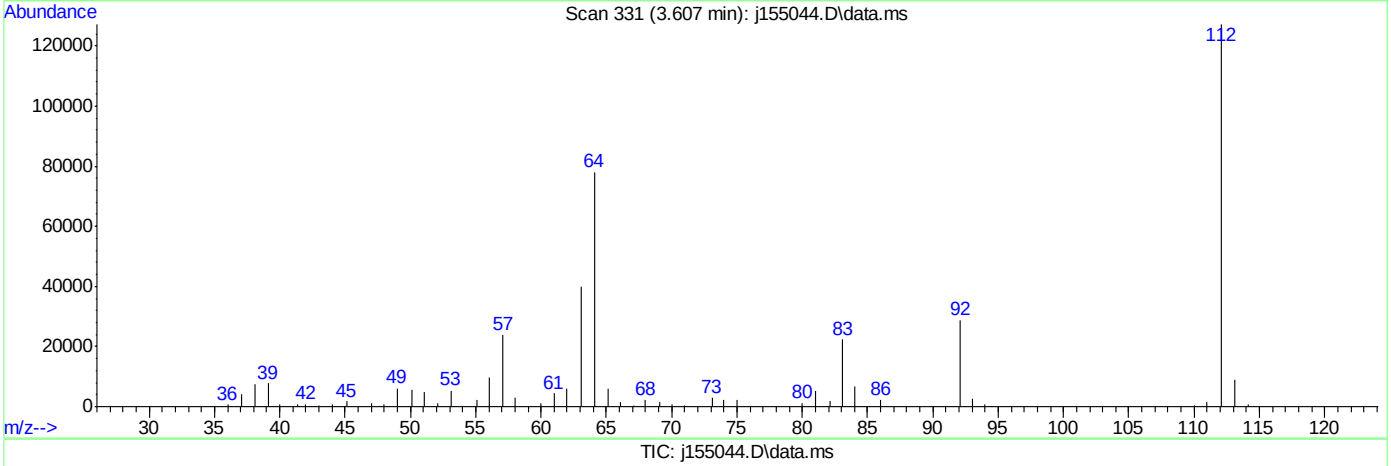
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	60.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:20:48 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 37.22ppm m

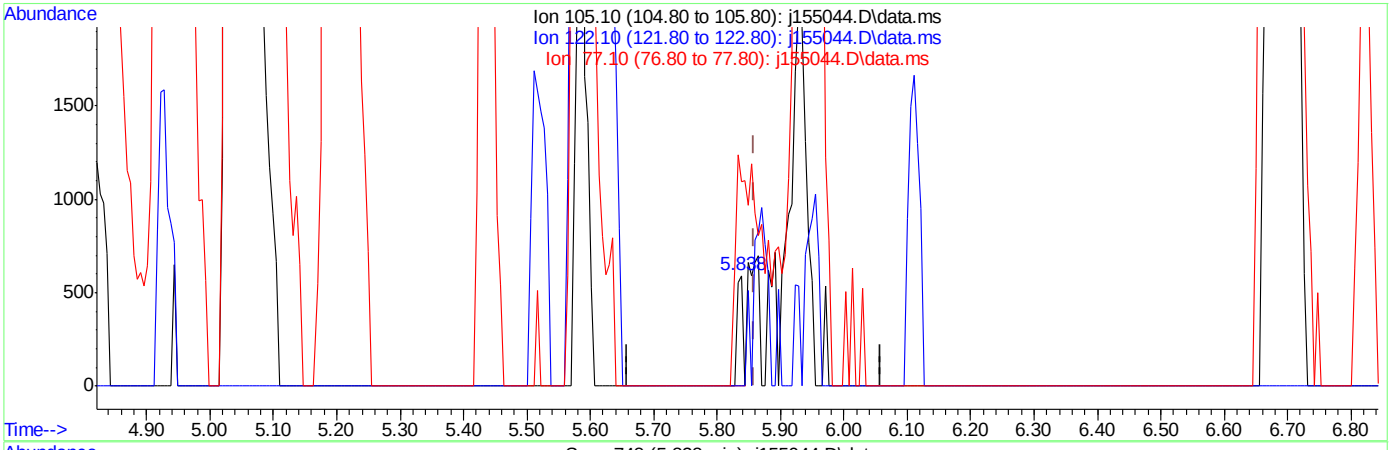
response 393639

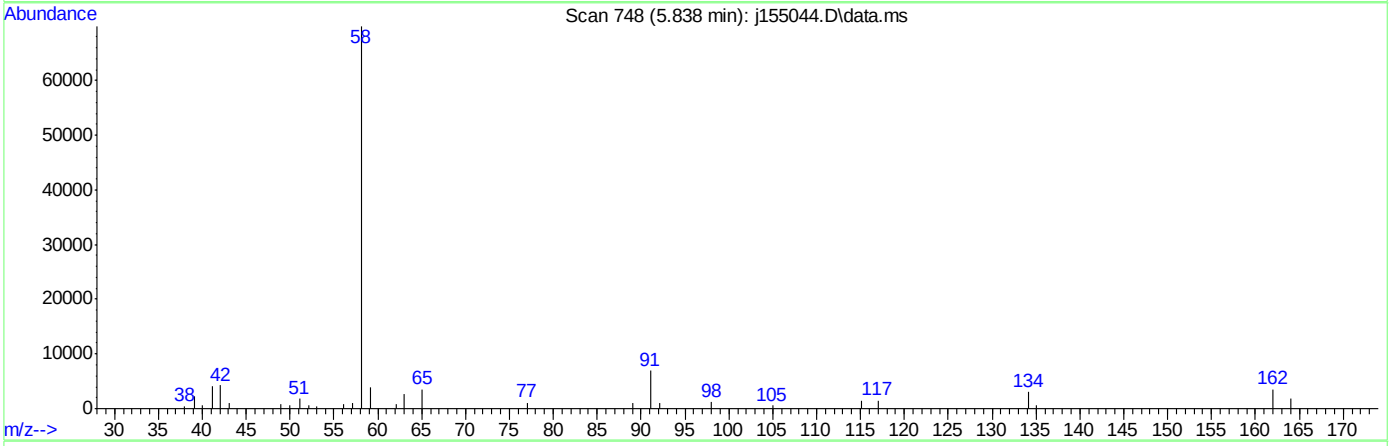
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	33.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On : 5 Sep 2010 11:58 am
Operator : sheilac
Sample : ic921-10
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 12:23:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155044.D\data.ms

(41) Benzoic Acid

5.838min (-0.021) 7.15ppm

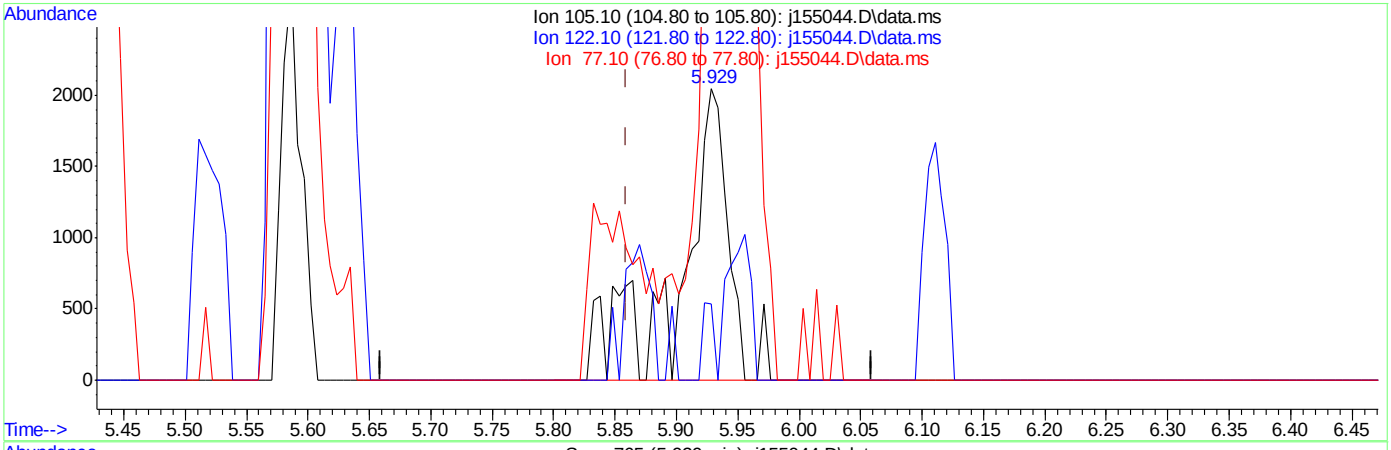
response 369

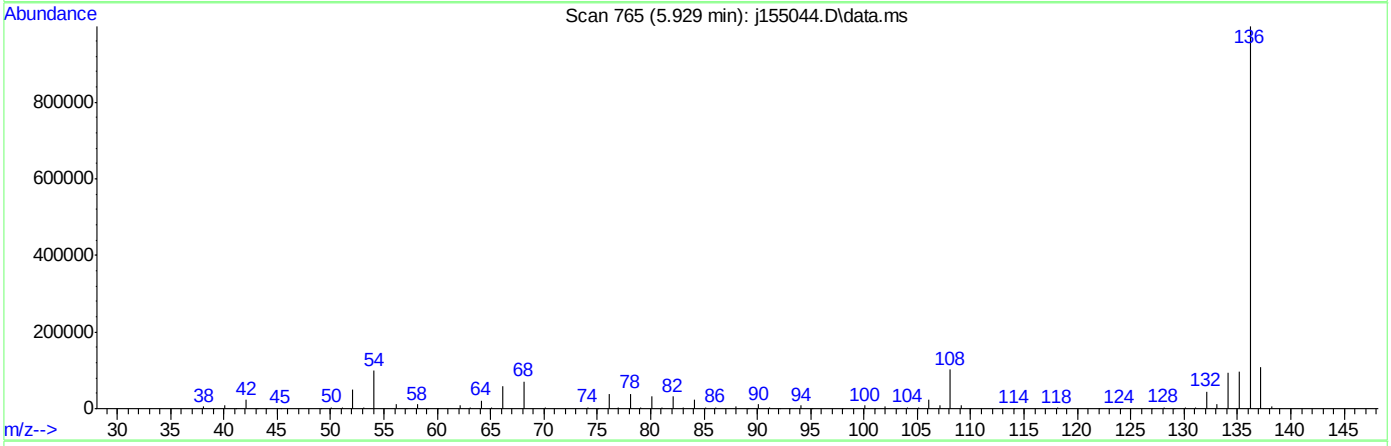
Ion	Exp%	Act%
105.10	100	100
122.10	80.40	0.00#
77.10	70.20	935.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155044.D
Acq On    :  5 Sep 2010  11:58 am
Operator  : sheilac
Sample    : ic921-10
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 05 12:23:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155044.D\data.ms

(41) Benzoic Acid

5.929min (+0.069) 7.72ppm m

response 5694

Ion	Exp%	Act%
105.10	100	100
122.10	80.40	0.00#
77.10	70.20	60.64
0.00	0.00	0.00

8.6.3.18 8

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.672	152	475198	40.00	ppm	-0.04
31) Naphthalene-d8	5.934	136	1886405	40.00	ppm	-0.05
57) Acenaphthene-d10	8.464	164	1250026	40.00	ppm	-0.06
88) Phenanthrene-d10	11.277	188	2068541	40.00	ppm	-0.08
118) Chrysene-d12	16.829	240	1777940	40.00	ppm	-0.08
134) Perylene-d12	19.627	264	1008036	40.00	ppm	-0.09
System Monitoring Compounds						
13) 2-Fluorophenol	3.607	112	1638312m	113.23	ppm	-0.03
Spiked Amount 100.000	Range 23 - 110		Recovery = 113.23%#			
15) Phenol-d5	4.420	99	2041264	117.98	ppm	-0.03
Spiked Amount 100.000	Range 23 - 114		Recovery = 117.98%#			
32) Nitrobenzene-d5	5.191	82	986288	60.89	ppm	-0.06
Spiked Amount 50.000	Range 36 - 126		Recovery = 121.78%			
61) 2-Fluorobiphenyl	7.373	172	1888165	57.51	ppm	-0.07
Spiked Amount 50.000	Range 34 - 132		Recovery = 115.02%			
93) 2,4,6-Tribromophenol	9.924	330	405377	111.35	ppm	-0.08
Spiked Amount 100.000	Range 33 - 138		Recovery = 111.35%			
121) Terphenyl-d14	14.663	244	1936379	17.33	ppm	-0.09
Spiked Amount 50.000	Range 46 - 136		Recovery = 34.66%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.056	79	319193m	24.91	ppm	
3) 1,4-Dioxane	2.008	88	243204m	28.38	ppm	
4) N-nitrosodimethylamine	2.356	42	204056m	32.20	ppm	
5) Pyridine	2.334	79	488483m	30.03	ppm	
6) 2-Picoline	3.040	93	523780m	27.35	ppm	
7) N-Nitrosomethylethylamine	3.174	42	267627	30.66	ppm	99
8) Methyl methanesulfonate	3.447	80	240922m	29.44	ppm	
9) N-Nitrosodiethylamine	3.789	102	253265	27.25	ppm	99
10) Ethyl methanesulfonate	4.051	79	360751	28.53	ppm	99
11) Benzaldehyde	4.308	106	160777	42.50	ppm	97
12) Aniline	4.410	93	618885	30.05	ppm	89
14) bis(2-Chloroethyl)ether	4.458	93	559531	27.66	ppm	92
16) Phenol	4.431	94	634905	29.60	ppm #	38
17) 2-Chlorophenol	4.517	128	468593	27.73	ppm	98
18) 1,3-Dichlorobenzene	4.624	146	517441	27.20	ppm	100
19) 1,4-Dichlorobenzene	4.688	146	534415	28.49	ppm	99
20) 1,2-Dichlorobenzene	4.827	146	495804	28.53	ppm	100
21) Benzyl alcohol	4.816	108	318542	27.95	ppm	99
22) bis(2-chloroisopropyl)...	4.928	45	855101	31.43	ppm	87
23) 2-Methylphenol	4.961	108	446052	27.23	ppm	89
24) N-Nitrosopyrrolidine	5.035	100	273543	30.05	ppm	96
25) N-Nitrosomorpholine	5.062	56	343649	33.05	ppm	98
26) o-Toluidine	5.084	106	826988	30.39	ppm	94
27) Acetophenone	5.046	105	650722	28.55	ppm #	98
28) Hexachloroethane	5.137	117	196481	28.23	ppm	99
29) N-Nitroso-di-n-propyla...	5.062	70	370086	30.45	ppm	82
30) 3&4-Methylphenol	5.089	108	488263	29.32	ppm #	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.207	77	513086	30.60	ppm		98
34) N-Nitrosopiperidine	5.351	42	354708	32.13	ppm		92
36) Isophorone	5.447	82	1018599	28.72	ppm		99
37) 2-Nitrophenol	5.522	139	238443	29.63	ppm		95
38) 2,4-Dimethylphenol	5.592	107	481532	29.43	ppm		98
39) bis(2-Chloroethoxy)met...	5.661	93	738667	31.02	ppm		100
40) O,O,O-Triethyl phospho...	5.640	121	230189	28.28	ppm		99
41) Benzoic Acid	5.752	105	133641	17.34	ppm		96
42) 2,4-Dichlorophenol	5.806	162	356709	29.89	ppm		100
43) 1,2,4-Trichlorobenzene	5.870	180	419878	28.77	ppm		100
44) Naphthalene	5.955	128	1418896	29.00	ppm		100
45) 4-Chloroaniline	6.020	127	557772	29.97	ppm		99
46) 2,6-Dichlorophenol	6.041	162	352689	30.34	ppm		100
47) Hexachloropropene	6.062	213	184098	31.06	ppm		99
48) Hexachlorobutadiene	6.111	225	217750	29.15	ppm		100
50) Caprolactam	6.485	113	165066	30.32	ppm	#	75
51) N-Nitrosodi-n-butylamine	6.437	84	395894	28.63	ppm		98
52) 4-Chloro-3-methylphenol	6.677	107	409406	30.55	ppm		99
53) Isosafrole	6.710	162	372526	28.89	ppm		99
54) 2-Methylnaphthalene	6.827	142	965502	29.05	ppm		99
55) 1-Methylnaphthalene	6.966	142	941547	29.04	ppm		100
56) 1,2,4,5-Tetrachloroben...	7.079	216	371228	29.06	ppm		100
58) Hexachlorocyclopentadiene	7.073	237	65117	26.96	ppm		96
59) 2,4,6-Trichlorophenol	7.260	196	239038	29.60	ppm		99
60) 2,4,5-Trichlorophenol	7.357	196	227897	30.62	ppm		99
62) Safrole	7.474	162	389188	28.06	ppm		98
63) 1,1'-Biphenyl	7.523	154	1122906	29.12	ppm		100
64) 2-Chloronaphthalene	7.544	162	1085865	29.13	ppm		96
65) 1-Chloronaphthalene	7.581	162	737137	32.03	ppm		99
66) 2-Nitroaniline	7.715	65	333784	30.78	ppm		94
67) 1,4-Naphthoquinone	7.817	158	365435	33.25	ppm		95
68) Acenaphthylene	8.213	152	1490111	29.26	ppm		100
69) Dimethylphthalate	8.047	163	1084323	28.43	ppm		100
70) m-Dinitrobenzene	8.073	168	174760	29.15	ppm		94
71) 2,6-Dinitrotoluene	8.127	165	257314	29.71	ppm		84
72) Acenaphthene	8.517	153	948334	29.39	ppm		100
73) 3-Nitroaniline	8.410	138	242009	23.83	ppm		99
74) 2,4-Dinitrophenol	8.608	184	91523	20.95	ppm		87
75) Dibenzofuran	8.822	168	1277286	29.50	ppm		100
76) Pentachlorobenzene	10.422	250	272662	29.54	ppm		97
77) 2,4-Dinitrotoluene	8.833	165	319781	30.13	ppm		97
78) 4-Nitrophenol	8.881	109	87059	36.12	ppm	#	66
79) 1-Naphthylamine	8.956	143	562187	27.92	ppm		98
80) 2-Naphthylamine	9.111	143	417008	24.83	ppm		97
81) 2,3,4,6-Tetrachlorophenol	9.090	232	194354	32.13	ppm		99
82) Fluorene	9.448	166	1069280	30.02	ppm		100
83) 4-Chlorophenyl-phenyle...	9.475	204	481755	29.19	ppm		99
84) Diethylphthalate	9.320	149	1142344	29.89	ppm		99
85) 5-Nitro-o-toluidine	9.507	152	314649	24.60	ppm	#	54
86) Thionazin	10.315	97	162635	30.64	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
87)	4-Nitroaniline	9.534	138	238926	25.82	ppm		96
89)	4,6-Dinitro-2-methylph...	9.609	198	161374	26.64	ppm		98
90)	n-Nitrosodiphenylamine	9.715	169	916349	28.26	ppm		99
91)	1,2-Diphenylhydrazine	9.774	77	1166599	27.79	ppm		100
92)	Diphenylamine	9.715	169	916349	28.26	ppm		99
94)	Tetraethyl dithiopyrop...	10.090	97	190653	28.76	ppm		93
95)	sym-Trinitrobenzene	10.325	213	111215	54.88	ppm	#	1
96)	Diallate	10.309	43	535691	31.30	ppm		89
97)	Phorate	10.315	75	994968	33.06	ppm		93
98)	4-Bromophenyl-phenylether	10.416	248	279762	28.06	ppm		99
99)	Phenacetin	10.400	108	533168	43.05	ppm		96
100)	Hexachlorobenzene	10.539	284	301073	29.09	ppm		100
101)	Dimethoate	10.641	87	406642	44.12	ppm		99
102)	Atrazine	10.833	200	223145	44.34	ppm		98
103)	4-aminobiphenyl	10.946	169	909566	33.09	ppm		99
104)	Pentachlorophenol	10.972	266	93875	29.48	ppm		98
105)	Pentachloronitrobenzene	10.983	237	124819	32.30	ppm		99
106)	Pronamide	11.149	173	512051	32.90	ppm		100
107)	Phenanthrene	11.325	178	1513220	33.08	ppm		100
108)	Anthracene	11.427	178	1529786	29.88	ppm		100
109)	Disulfoton	11.363	88	754750	29.94	ppm		97
110)	Carbazole	11.785	167	1427340	34.77	ppm		99
111)	Methyl parathion	12.117	109	351697	41.55	ppm		99
112)	Di-n-butylphthalate	12.631	149	2075168	33.75	ppm		100
113)	4-Nitroquinoline 1-Oxide	12.930	190	87493	100.56	ppm		95
114)	Parathion	12.962	97	255207	44.62	ppm		98
115)	Methapyrilene	13.171	58	208655	120.15	ppm		98
116)	Isodrin	13.454	193	194672	32.94	ppm		99
117)	Fluoranthene	13.775	202	1626643	41.51	ppm		99
119)	Benzidine	14.112	184	435846	39.82	ppm		99
120)	Pyrene	14.235	202	1699457	12.56	ppm		100
122)	Aramite	14.690	185	109216	15.00	ppm		94
123)	p-(Dimethylamine)azobe...	14.968	120	553731	16.71	ppm		99
124)	Chlorobenzilate	15.102	139	597605	18.45	ppm		96
126)	3,3'-Dimethylbenzidine	15.674	212	522285	40.85	ppm		98
128)	Butylbenzylphthalate	15.759	149	850453	27.92	ppm		97
129)	2-Acetylaminofluorene	16.214	181	457725	46.21	ppm		99
130)	3,3'-Dichlorobenzidine	16.802	252	387183	37.11	ppm		99
131)	Benzo[a]anthracene	16.797	228	1310968	28.57	ppm		99
132)	Chrysene	16.877	228	1260353	30.52	ppm		98
133)	bis(2-Ethylhexyl)phtha...	17.048	149	1148754	32.10	ppm		100
135)	Di-n-octylphthalate	18.343	149	1662826	32.92	ppm		100
136)	Benzo[b]fluoranthene	18.942	252	964084	29.61	ppm		99
137)	Benzo[k]fluoranthene	18.990	252	948390	30.98	ppm		99
138)	7,12-Dimethylbenz(a)an...	18.937	256	393601	27.59	ppm	#	96
140)	Benzo[a]pyrene	19.520	252	824237	29.11	ppm		99
141)	3-Methylcholanthrene	20.199	268	376814	30.28	ppm		100
142)	Indeno[1,2,3-cd]pyrene	21.798	276	601413	25.18	ppm		95
143)	Dibenz[a,h]anthracene	21.846	278	497775	24.92	ppm		98
144)	Benzo[g,h,i]perylene	22.413	276	469442	22.93	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
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Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
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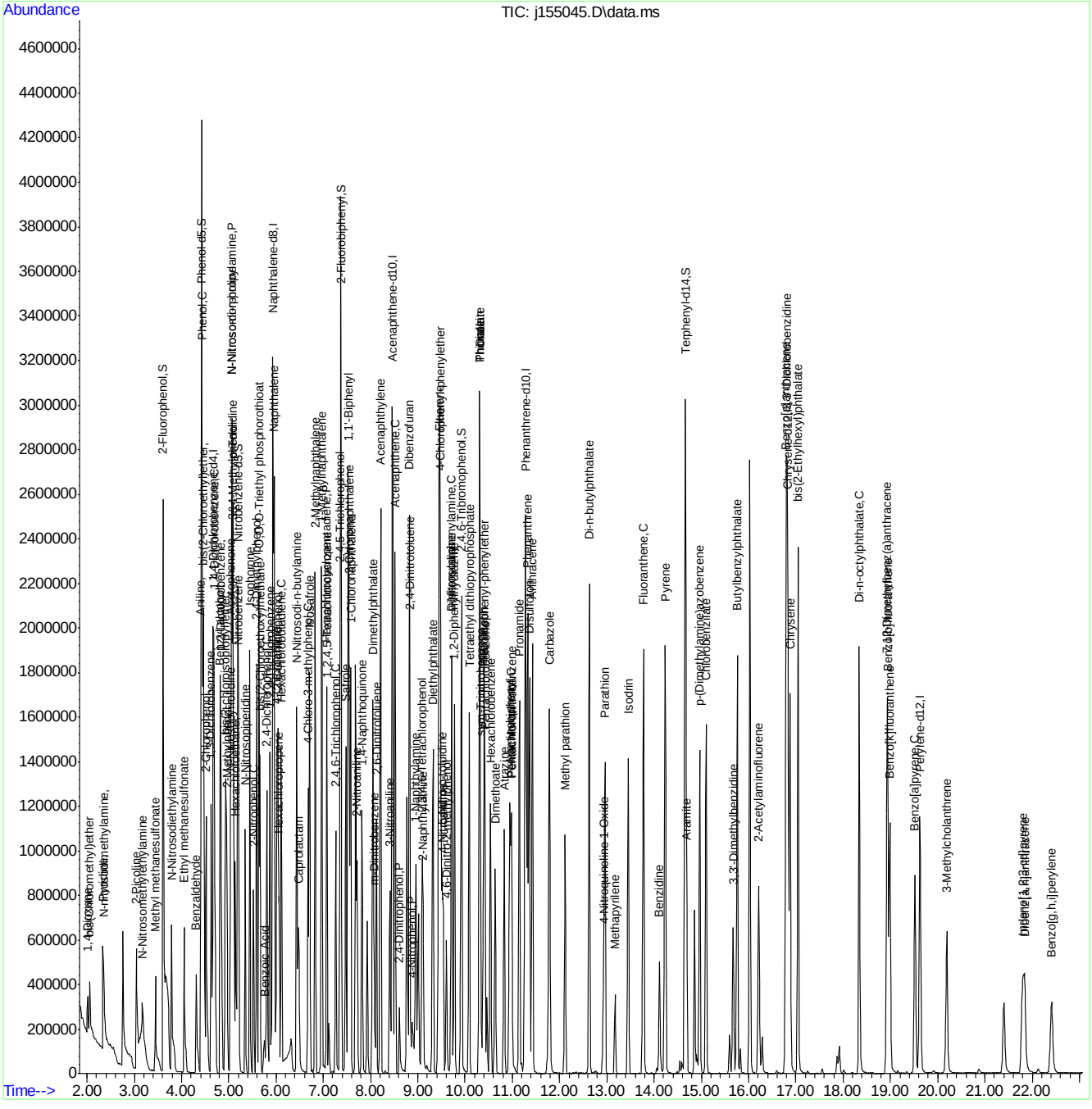
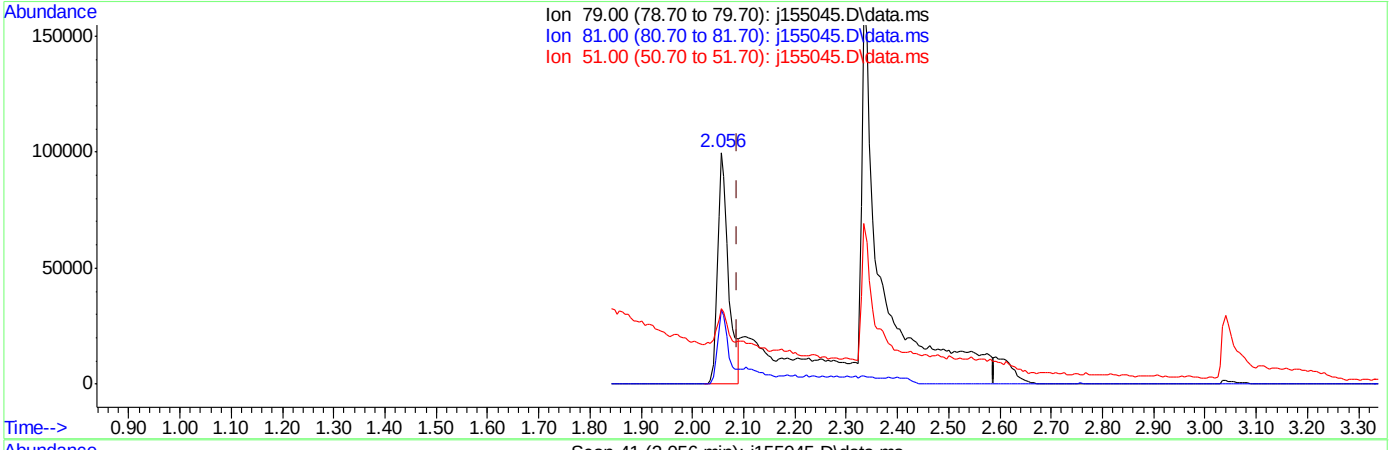
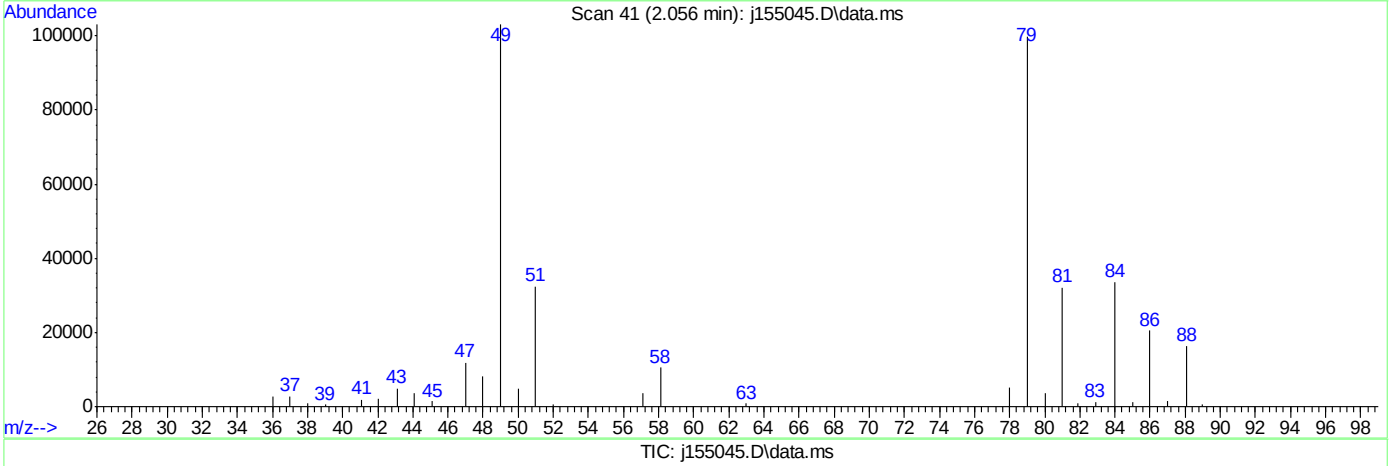


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





(2) bis(Chloromethyl)ether

2.056min (-0.032) 11.58ppm

response 148406

Ion	Exp%	Act%
79.00	100	100
81.00	34.30	34.02
51.00	37.30	12.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
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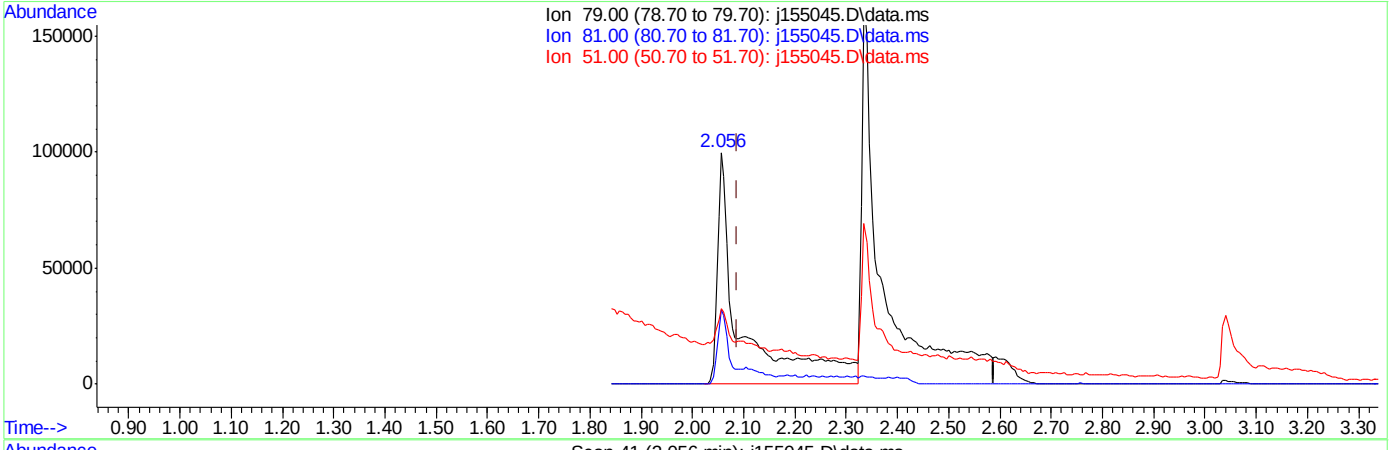

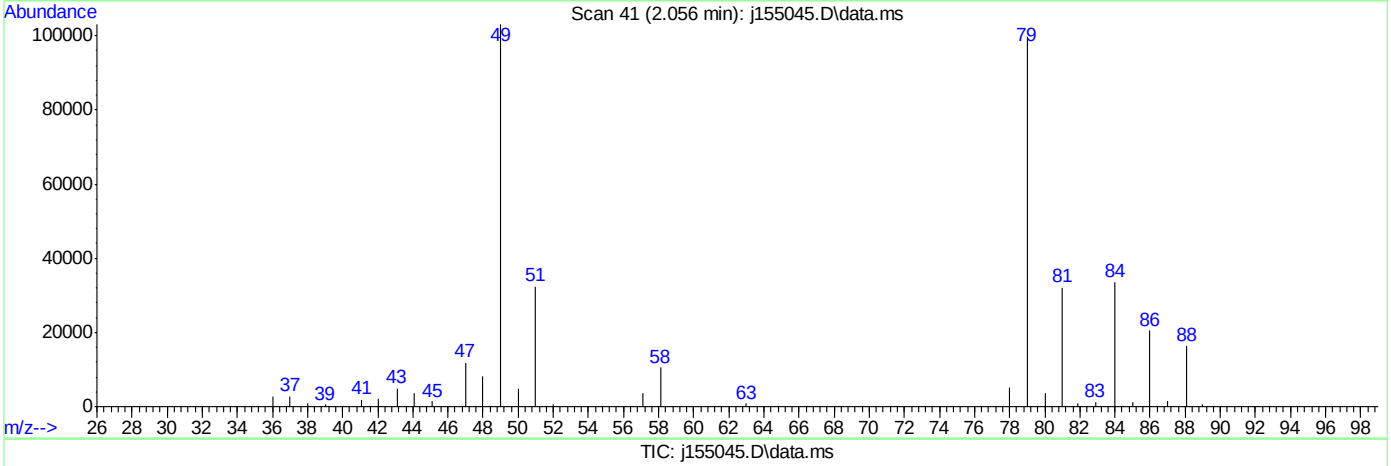

(2) bis(Chloromethyl)ether

2.056min (-0.032) 24.91ppm m

response 319193

Ion	Exp%	Act%
79.00	100	100
81.00	34.30	15.82
51.00	37.30	6.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
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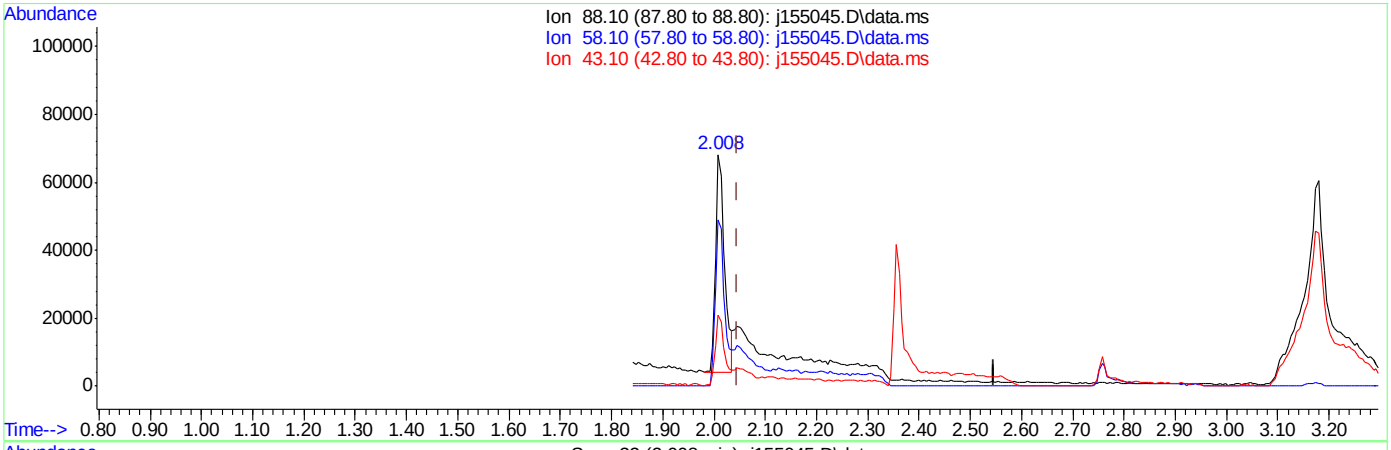

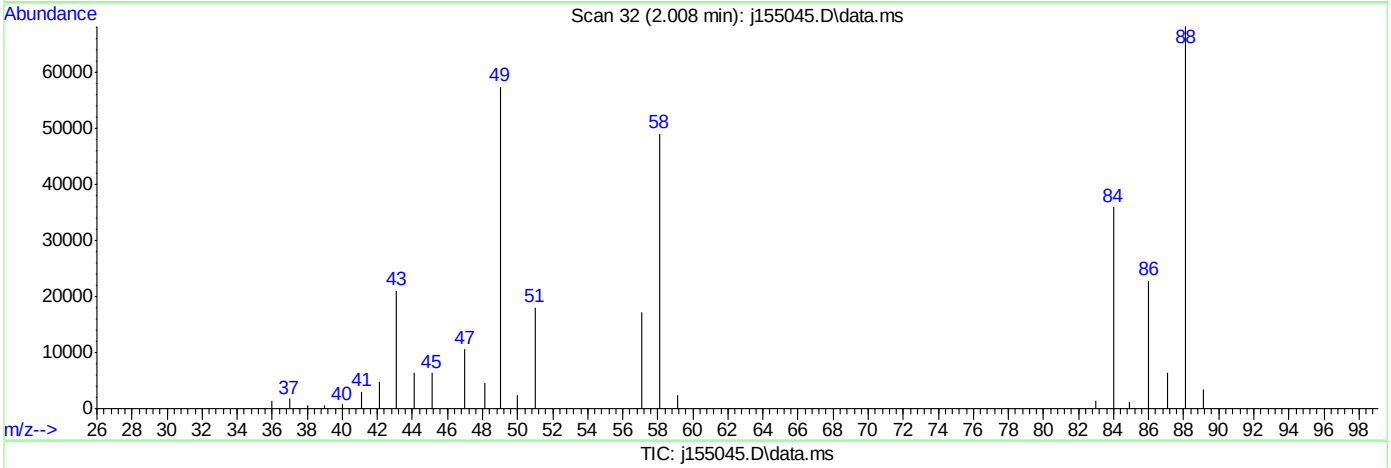

TIC: j155045.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 9.12ppm

response 78159

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	79.91
43.10	29.20	34.66
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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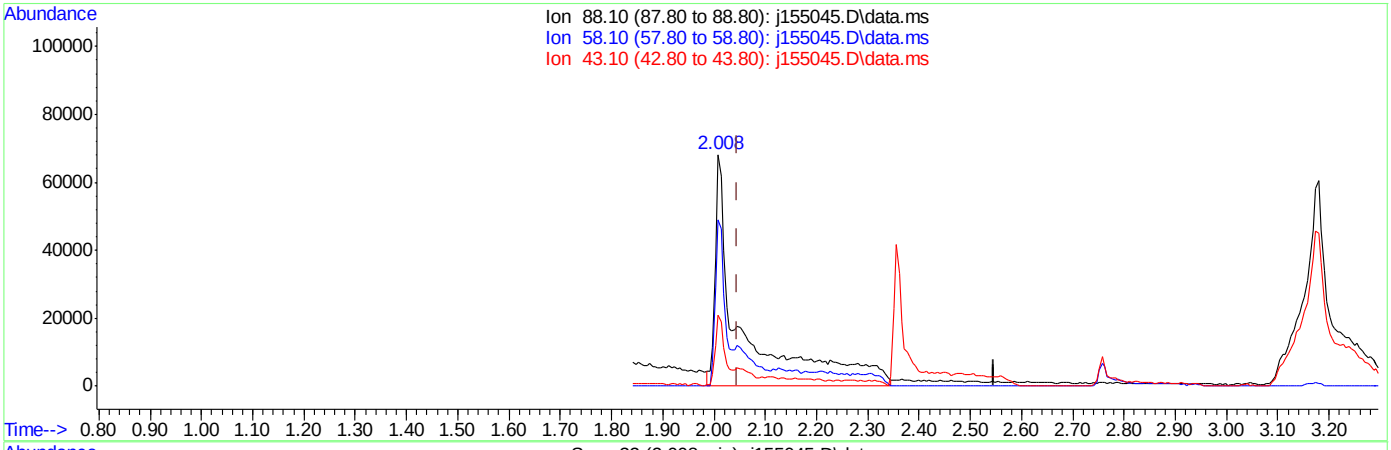

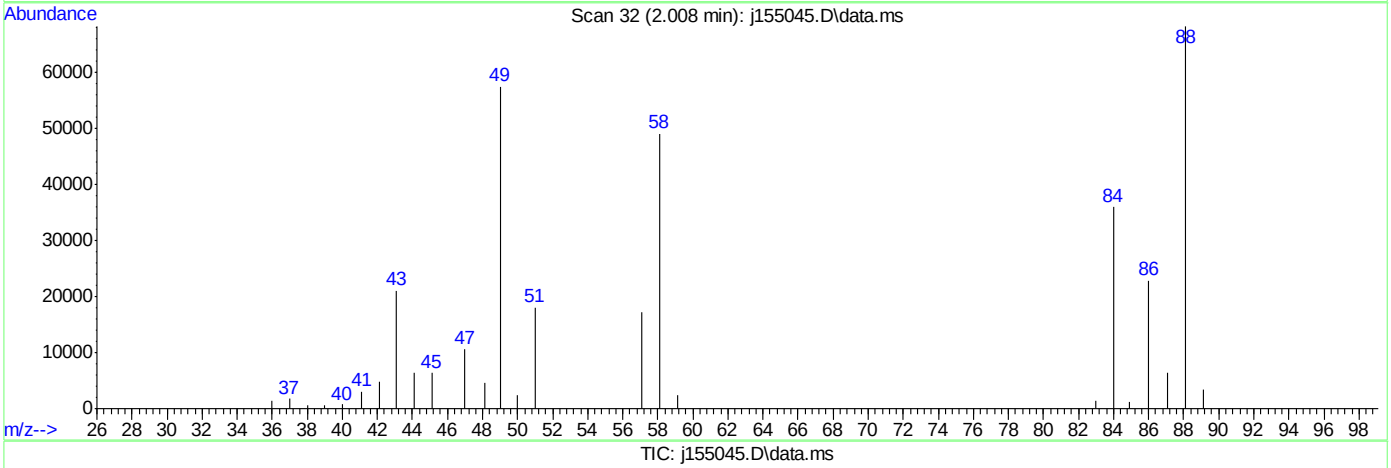

TIC: j155045.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 28.38ppm m

response 243204

Ion	Exp%	Act%
88.10	100	100
58.10	70.00	25.68#
43.10	29.20	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
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Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
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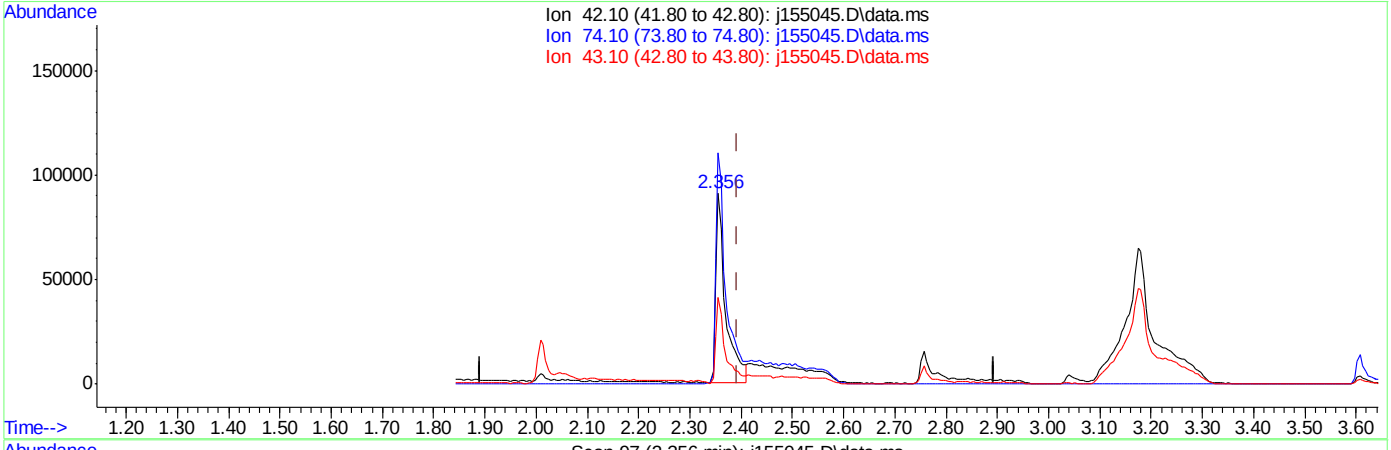
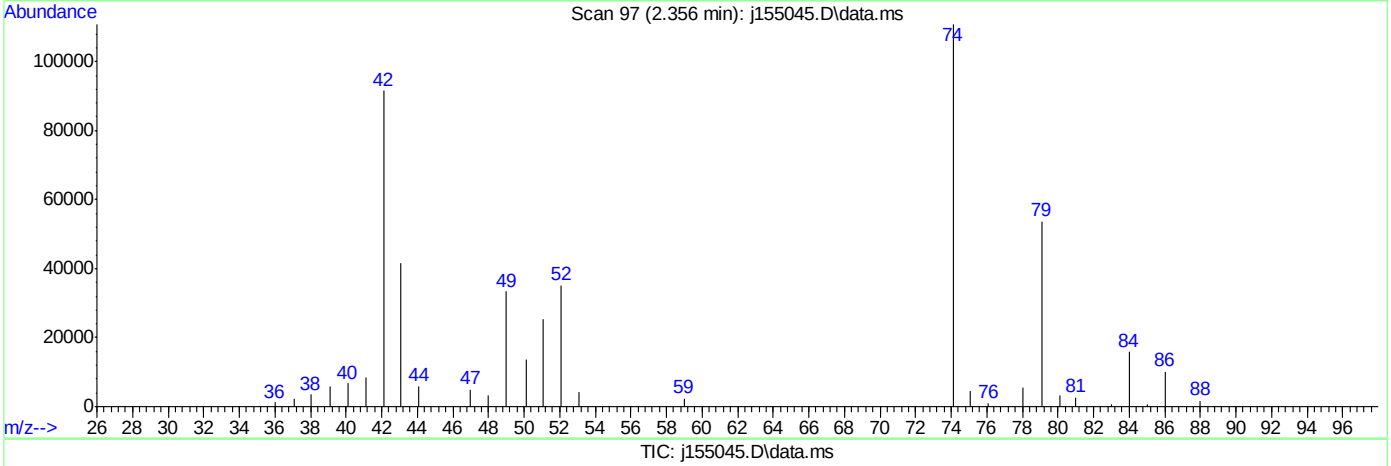




TIC: j155045.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 19.37ppm

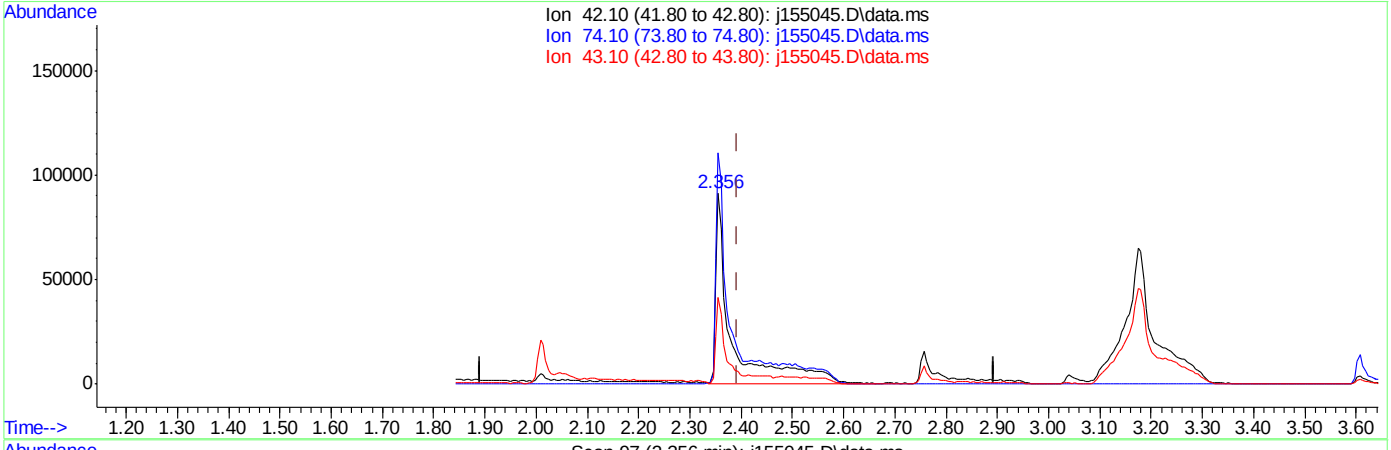
response 122764

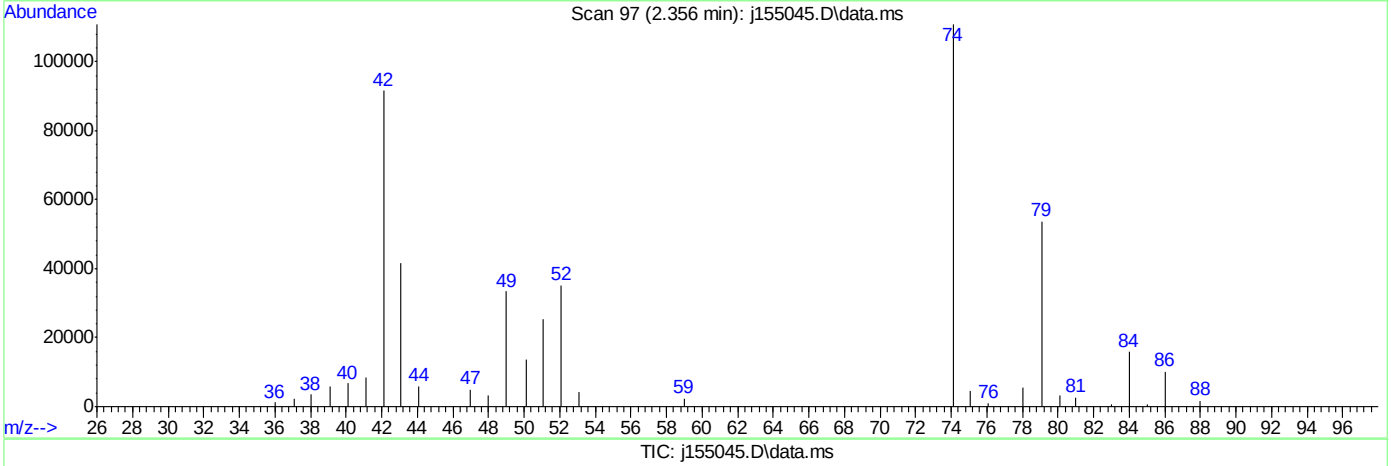
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	130.06
43.10	44.70	45.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 32.20ppm m

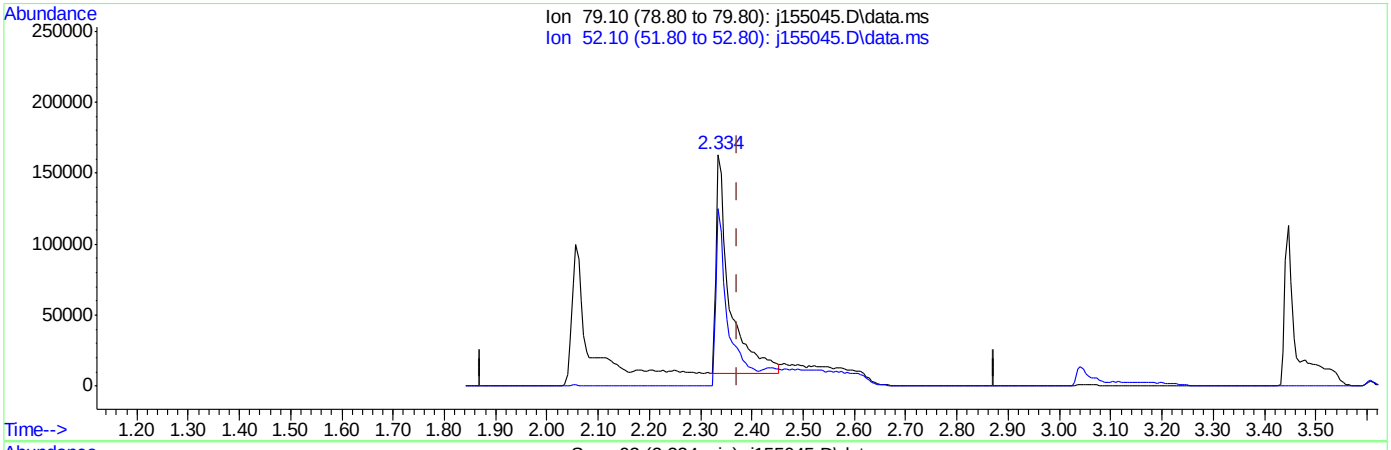
response 204056

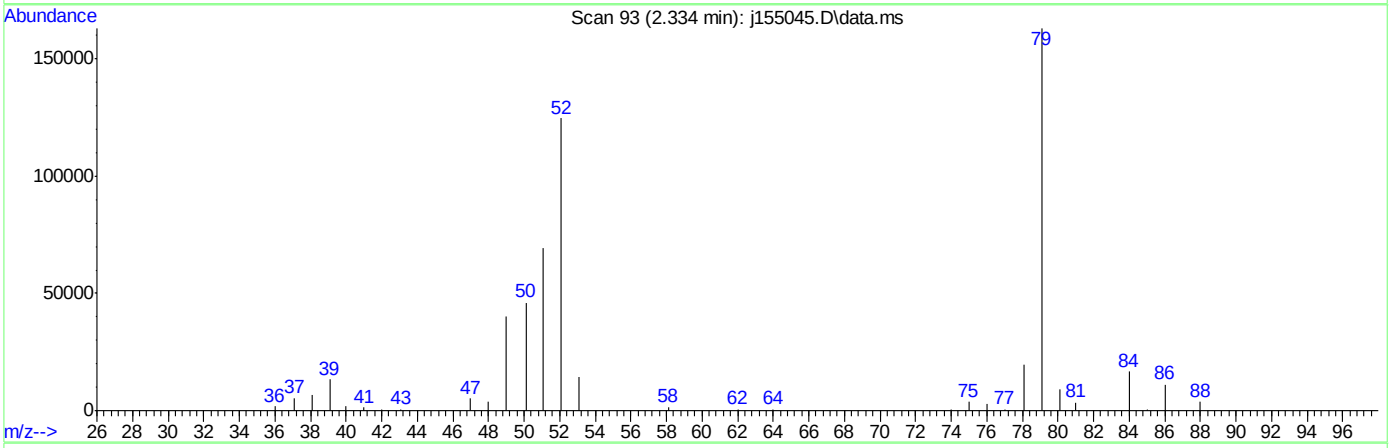
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	78.25#
43.10	44.70	27.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 17.00ppm

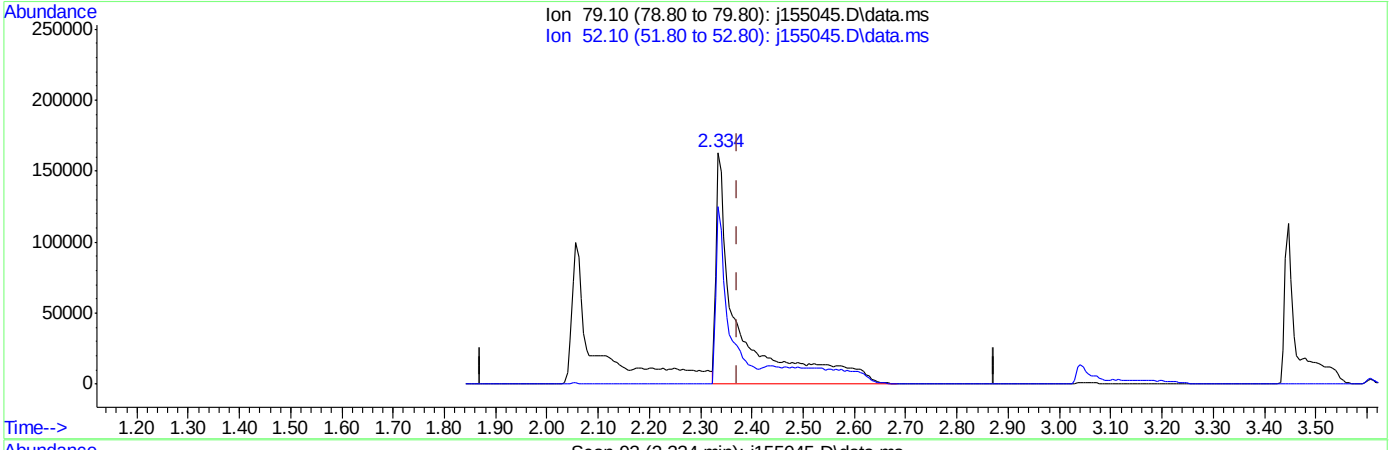
response 276519

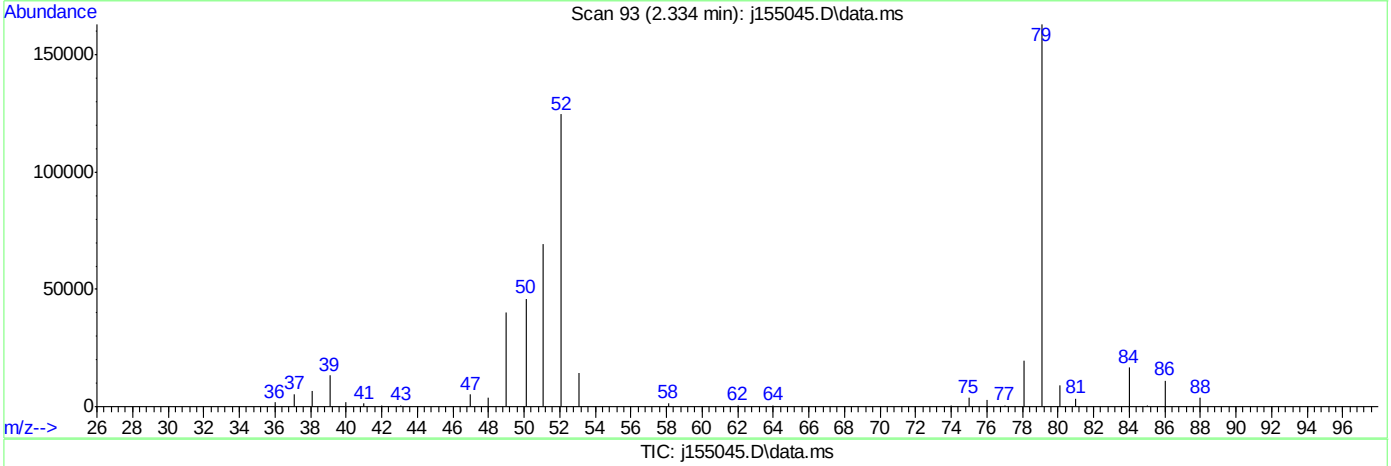
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	75.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155045.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 30.03ppm m

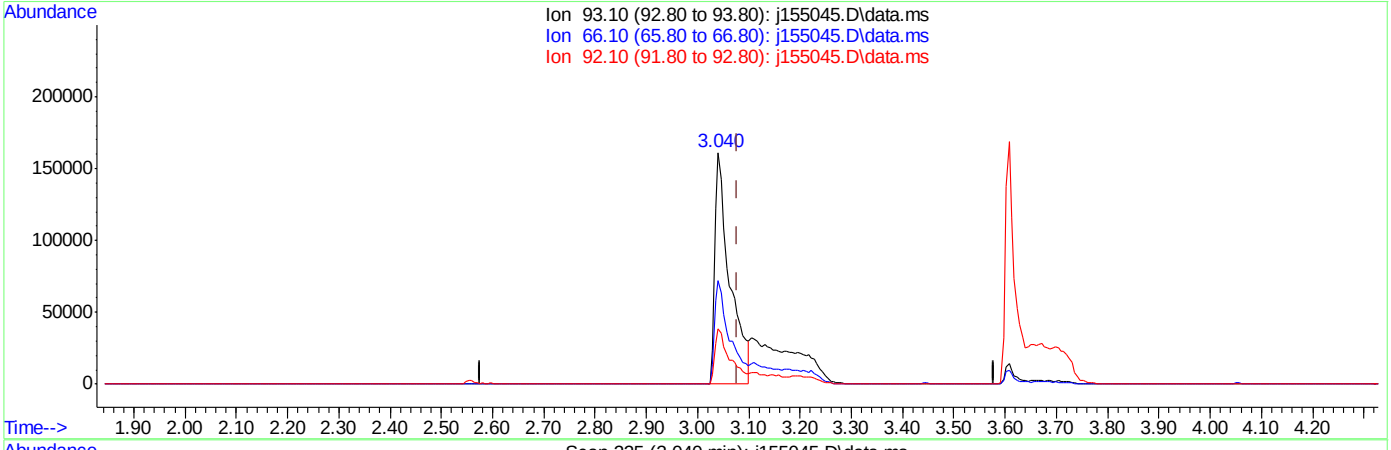
response 488483

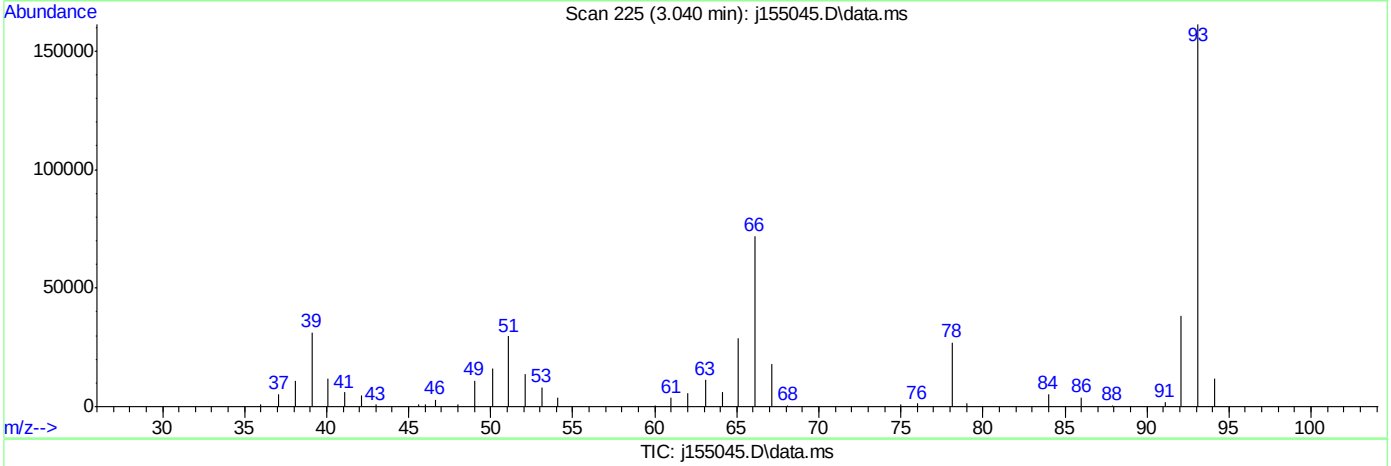
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	42.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 16.98ppm

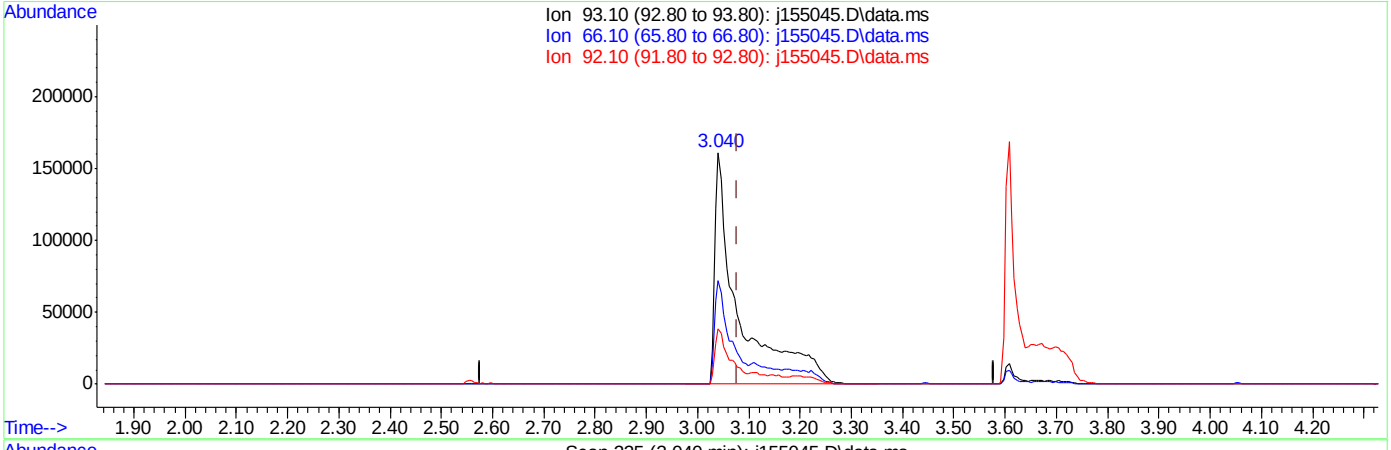
response 325274

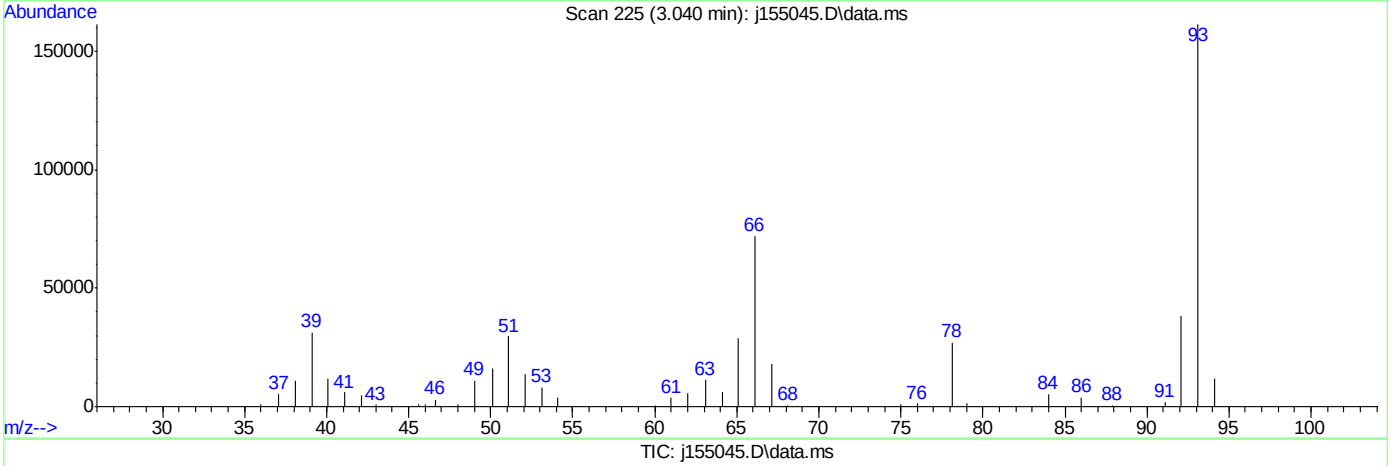
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	45.41
92.10	23.70	24.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 27.35ppm m

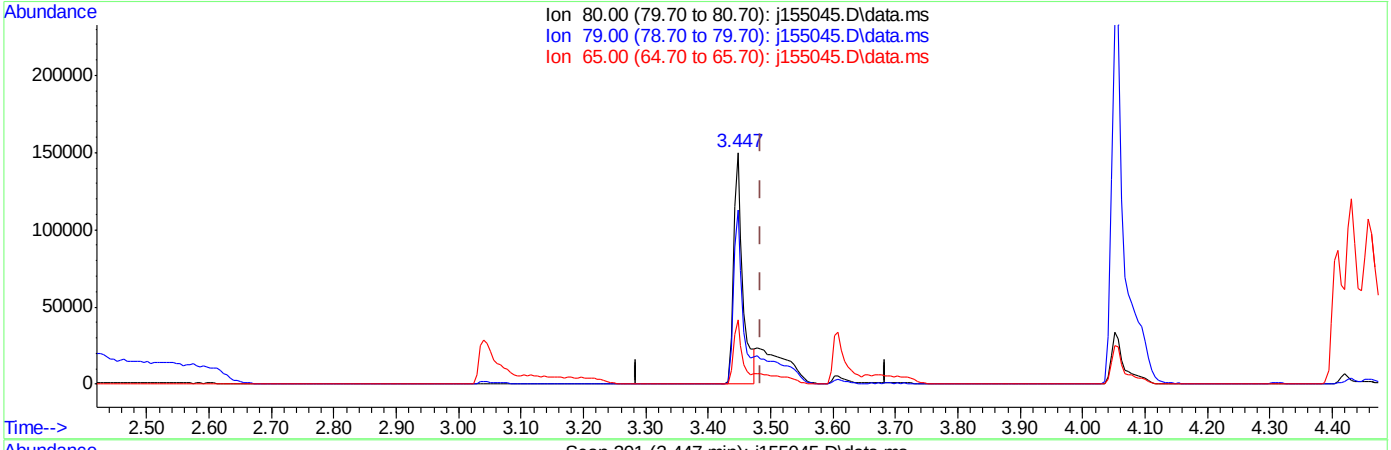
response 523780

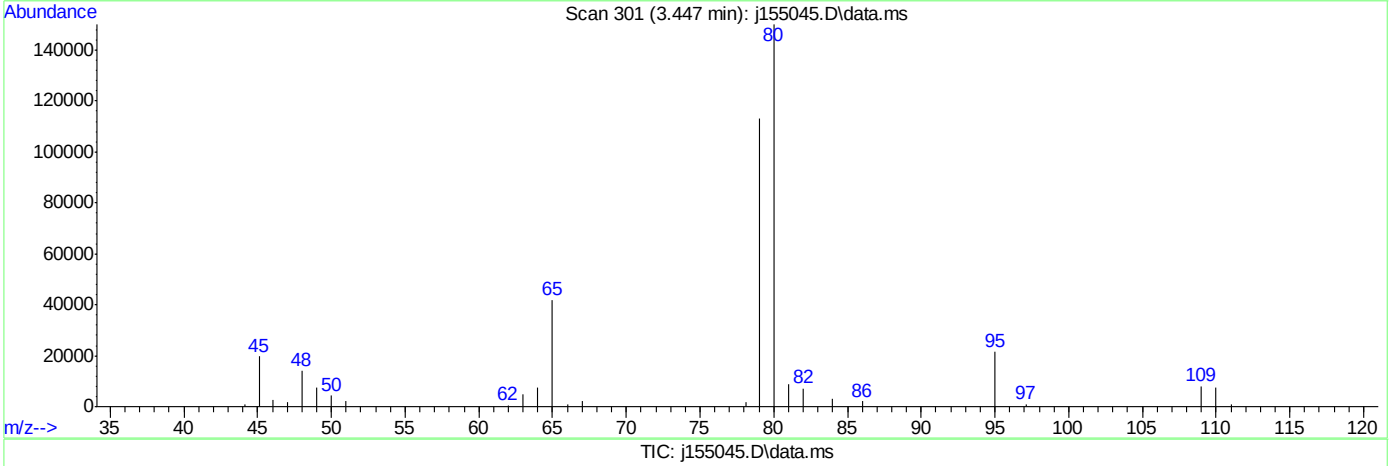
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	28.20#
92.10	23.70	15.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 19.99ppm

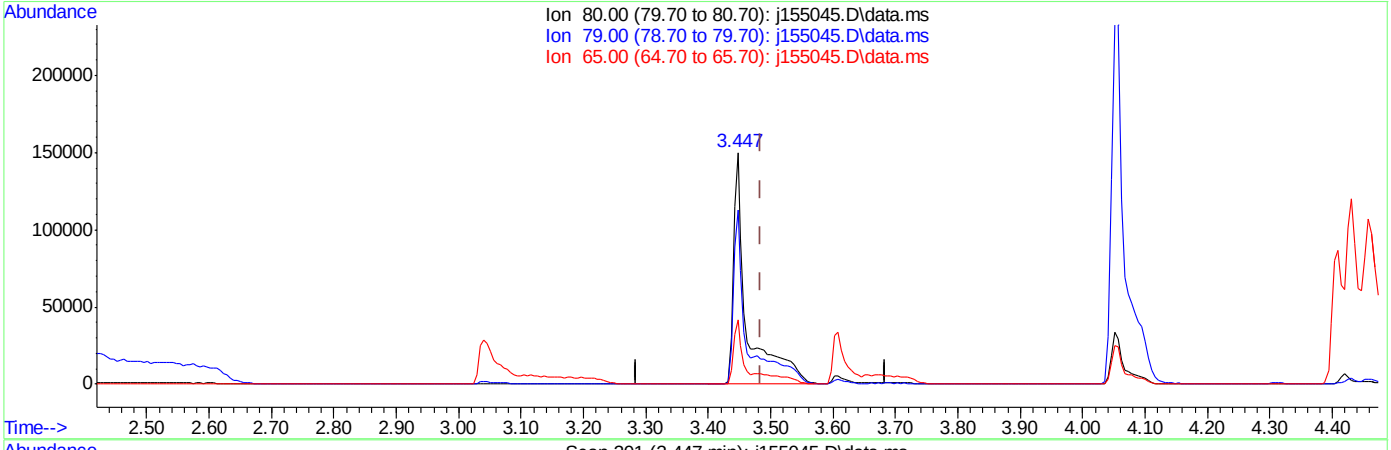
response 163628

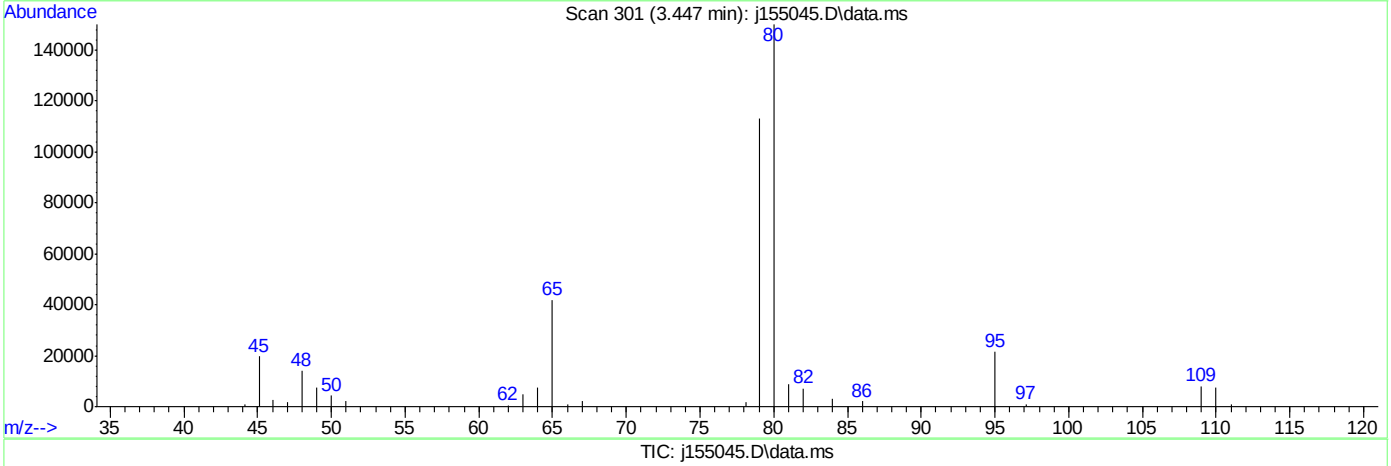
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	112.55#
65.00	6000.00	27.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 29.44ppm m

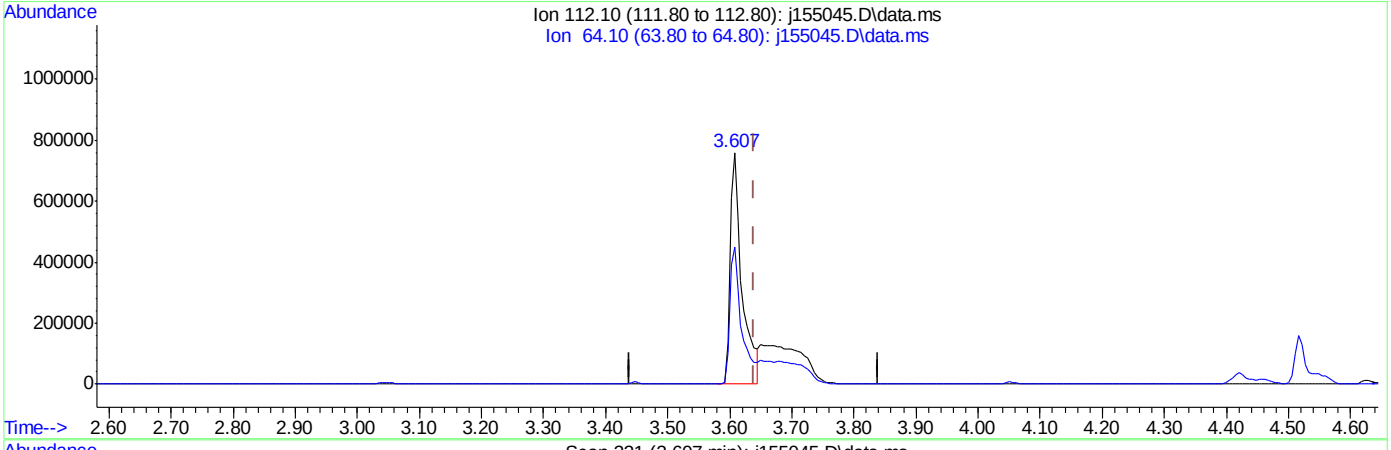
response 240922

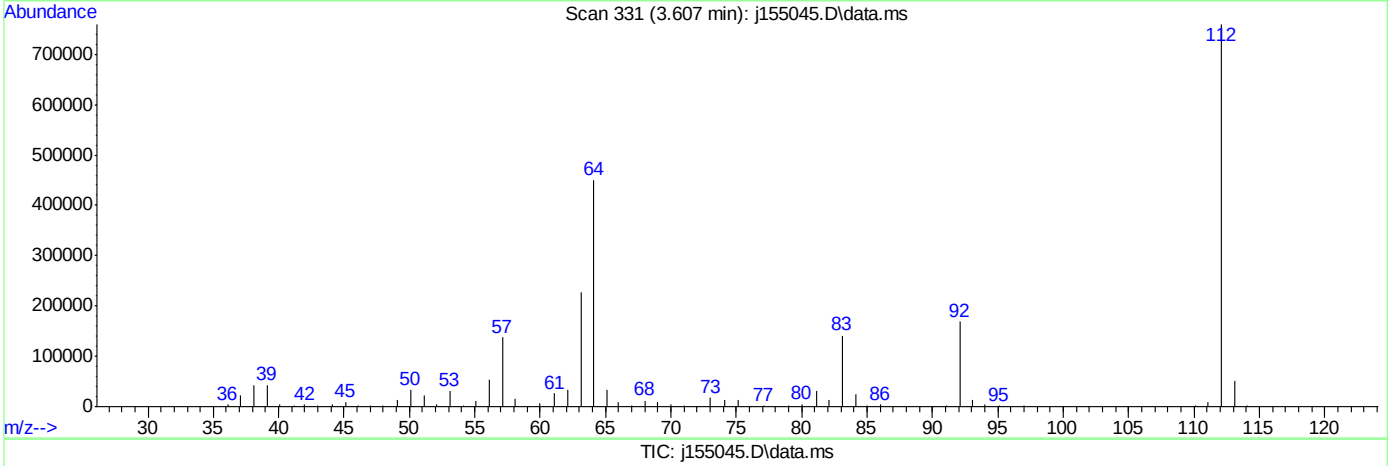
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	76.44#
65.00	6000.00	18.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155045.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 71.00ppm

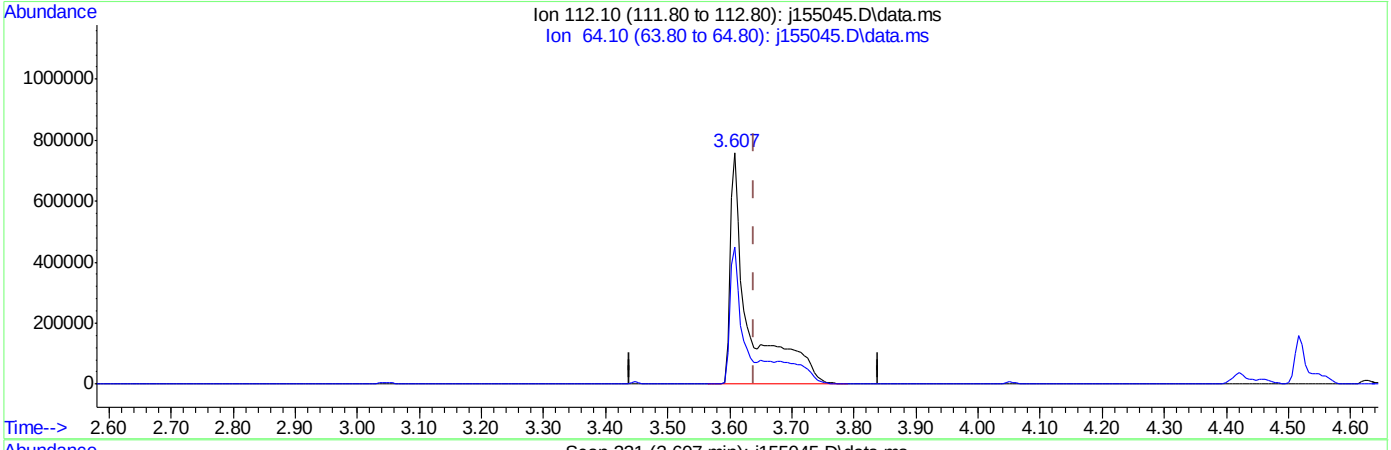
response 1027229

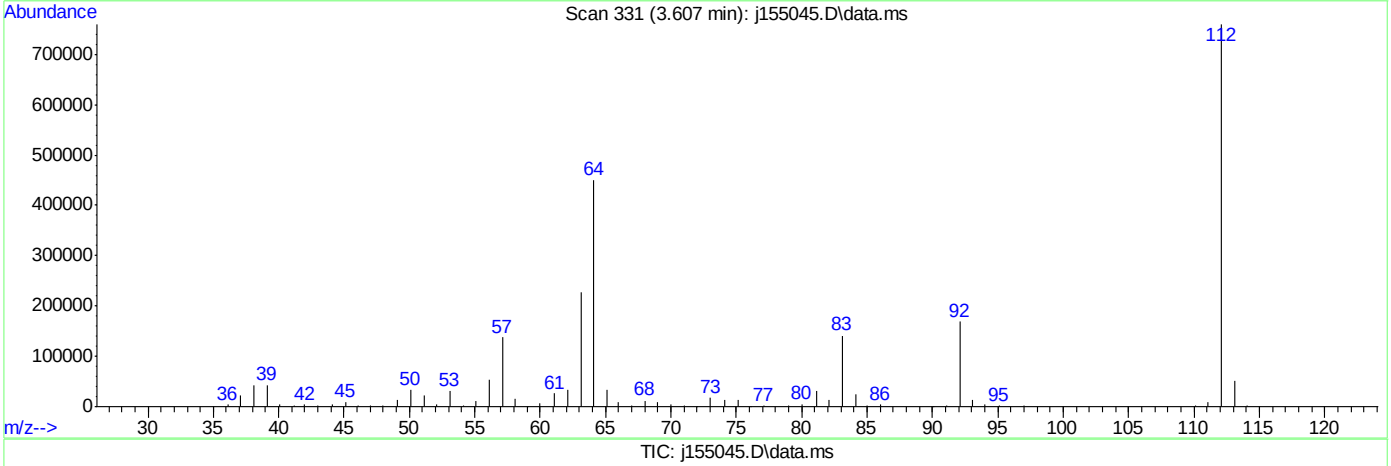
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	60.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:41:52 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155045.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 113.23ppm m

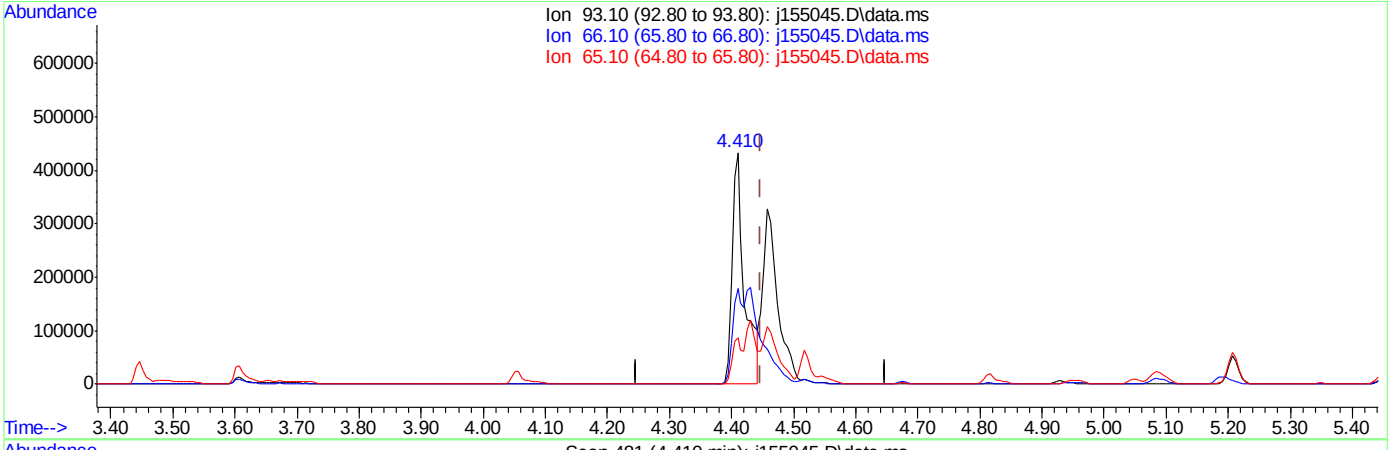
response 1638312

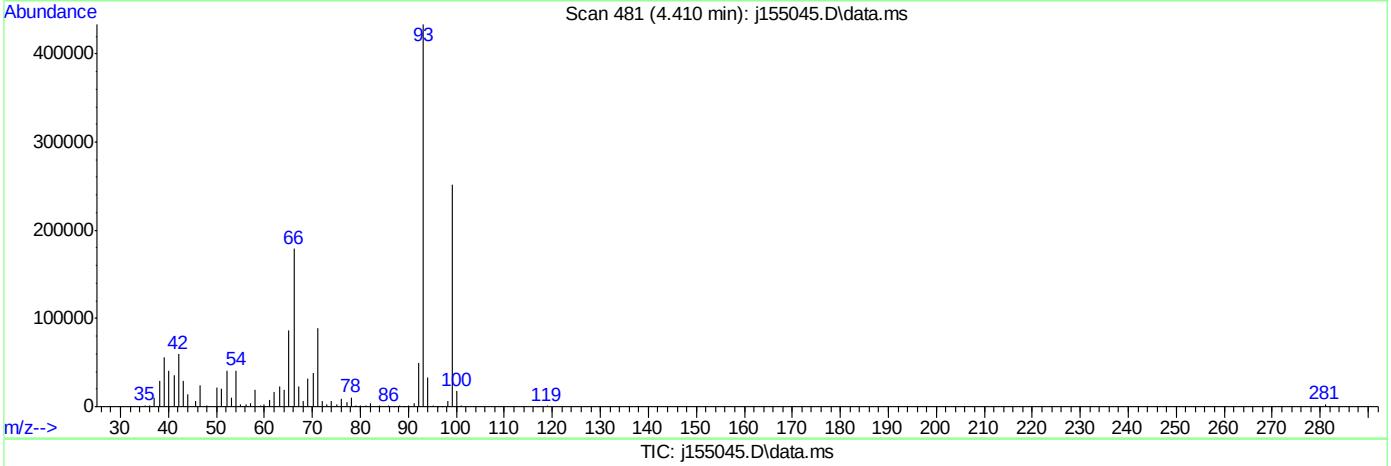
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	37.83
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On : 5 Sep 2010 12:28 pm
Operator : sheilac
Sample : ic921-25
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155045.D\data.ms

(12) Aniline ( )

4.410min (-0.038) 30.05ppm

response 618885

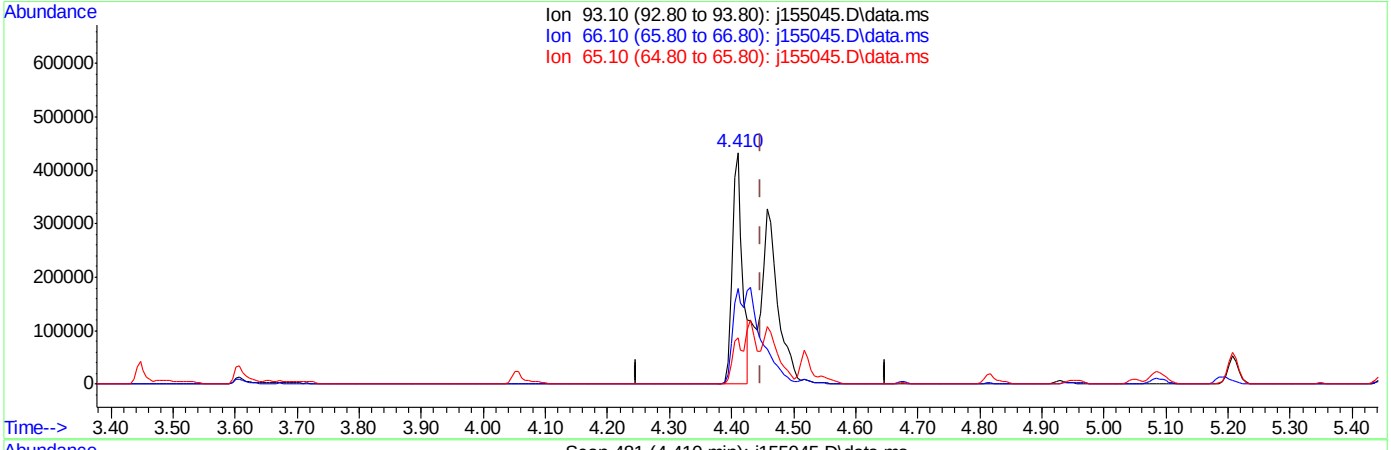
Ion	Exp%	Act%
93.10	100	100
66.10	46.00	37.46
65.10	21.60	17.71
0.00	0.00	0.00

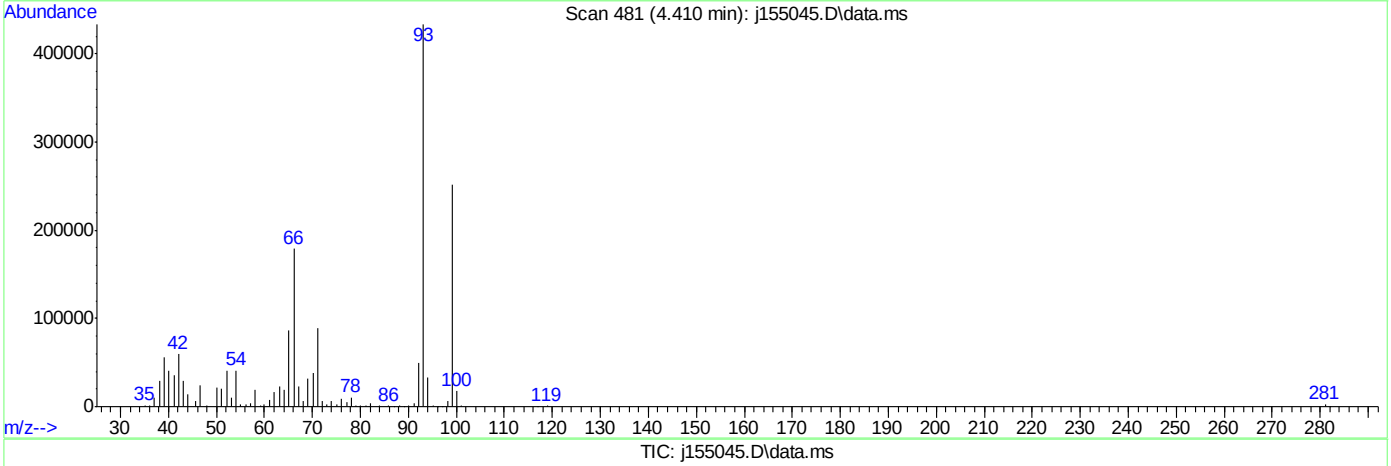
8.6.4.15 8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155045.D
Acq On    :  5 Sep 2010  12:28 pm
Operator  : sheilac
Sample    : ic921-25
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 05 13:44:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155045.D\data.ms

(12) Aniline ( )

4.410min (-0.038) 24.92ppm m

response 513092

Ion	Exp%	Act%
93.10	100	100
66.10	46.00	45.19
65.10	21.60	21.36
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:53:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.677	152	321750	40.00	ppm	#-0.04
31) Naphthalene-d8	5.939	136	1330328	40.00	ppm	-0.05
57) Acenaphthene-d10	8.469	164	928391	40.00	ppm	-0.06
88) Phenanthrene-d10	11.288	188	1562539	40.00	ppm	-0.07
118) Chrysene-d12	16.834	240	1176456	40.00	ppm	-0.08
134) Perylene-d12	19.626	264	602897	40.00	ppm	-0.09
System Monitoring Compounds						
13) 2-Fluorophenol	3.607	112	2770019m	282.76	ppm	-0.03
Spiked Amount 100.000	Range 23 - 110		Recovery = 282.76%#			
15) Phenol-d5	4.426	99	3265053	278.70	ppm	-0.03
Spiked Amount 100.000	Range 23 - 114		Recovery = 278.70%#			
32) Nitrobenzene-d5	5.201	82	1606811	140.66	ppm	-0.05
Spiked Amount 50.000	Range 36 - 126		Recovery = 281.32%#			
61) 2-Fluorobiphenyl	7.383	172	3017165	123.74	ppm	-0.06
Spiked Amount 50.000	Range 34 - 132		Recovery = 247.48%#			
93) 2,4,6-Tribromophenol	9.945	330	693939	252.34	ppm	-0.06
Spiked Amount 100.000	Range 33 - 138		Recovery = 252.34%#			
121) Terphenyl-d14	14.674	244	3077503	67.59	ppm	-0.08
Spiked Amount 50.000	Range 46 - 136		Recovery = 135.18%			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.056	79	514956m	59.35	ppm	
3) 1,4-Dioxane	2.008	88	398229m	68.64	ppm	
4) N-nitrosodimethylamine	2.356	42	351110m	81.84	ppm	
5) Pyridine	2.334	79	895954m	81.35	ppm	
6) 2-Picoline	3.040	93	900395m	69.44	ppm	
7) N-Nitrosomethylethylamine	3.174	42	463815	78.47	ppm	98
8) Methyl methanesulfonate	3.447	80	401507m	72.45	ppm	
9) N-Nitrosodiethylamine	3.794	102	427954	68.01	ppm	98
10) Ethyl methanesulfonate	4.056	79	605805	70.75	ppm	99
11) Benzaldehyde	4.313	106	203078	Below Cal		100
12) Aniline	4.410	93	930482	66.73	ppm	81
14) bis(2-Chloroethyl)ether	4.463	93	994889	72.64	ppm	97
16) Phenol	4.436	94	1022217	70.38	ppm	84
17) 2-Chlorophenol	4.522	128	783025	68.44	ppm	97
18) 1,3-Dichlorobenzene	4.629	146	835255	64.85	ppm	99
19) 1,4-Dichlorobenzene	4.693	146	918808	72.34	ppm	99
20) 1,2-Dichlorobenzene	4.827	146	805843	68.49	ppm	99
21) Benzyl alcohol	4.821	108	531680	68.89	ppm	99
22) bis(2-chloroisopropyl)...	4.928	45	1400649	76.04	ppm	99
23) 2-Methylphenol	4.976	108	746855m	67.33	ppm	
24) N-Nitrosopyrrolidine	5.051	100	449524	72.93	ppm #	13
25) N-Nitrosomorpholine	5.078	56	550979	78.27	ppm	97
26) o-Toluidine	5.089	106	1324714	71.91	ppm #	83
27) Acetophenone	5.057	105	1054847	68.35	ppm #	98
28) Hexachloroethane	5.137	117	332804	70.62	ppm	98
29) N-Nitroso-di-n-propyla...	5.078	70	581837	70.69	ppm	83
30) 3&4-Methylphenol	5.099	108	803997	71.30	ppm #	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:53:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.217	77	838987	70.96	ppm		97
34) N-Nitrosopiperidine	5.362	42	600030	77.08	ppm		92
36) Isophorone	5.458	82	1691712	67.65	ppm		99
37) 2-Nitrophenol	5.527	139	402226	70.86	ppm		95
38) 2,4-Dimethylphenol	5.597	107	808355	70.07	ppm		97
39) bis(2-Chloroethoxy)met...	5.672	93	1211709	72.17	ppm		99
40) O,O,O-Triethyl phospho...	5.645	121	374057	75.43	ppm		98
41) Benzoic Acid	5.784	105	310709	44.14	ppm		97
42) 2,4-Dichlorophenol	5.811	162	602530	71.60	ppm		99
43) 1,2,4-Trichlorobenzene	5.875	180	679254	65.99	ppm		99
44) Naphthalene	5.961	128	2326906	67.44	ppm		100
45) 4-Chloroaniline	6.030	127	913678	69.61	ppm		96
46) 2,6-Dichlorophenol	6.046	162	577619	70.45	ppm		100
47) Hexachloropropene	6.068	213	296379	70.90	ppm		100
48) Hexachlorobutadiene	6.116	225	348757	66.20	ppm		100
50) Caprolactam	6.528	113	293337	76.40	ppm		93
51) N-Nitrosodi-n-butylamine	6.447	84	611521	62.71	ppm		95
52) 4-Chloro-3-methylphenol	6.688	107	700679	74.13	ppm		98
53) Isosafrole	6.720	162	606430	66.68	ppm		98
54) 2-Methylnaphthalene	6.838	142	1563266	66.70	ppm		100
55) 1-Methylnaphthalene	6.971	142	1531759	66.98	ppm		99
56) 1,2,4,5-Tetrachloroben...	7.084	216	596348	66.20	ppm		99
58) Hexachlorocyclopentadiene	7.078	237	126714	70.65	ppm		96
59) 2,4,6-Trichlorophenol	7.271	196	418265	69.74	ppm		99
60) 2,4,5-Trichlorophenol	7.362	196	390286	70.60	ppm		99
62) Safrole	7.485	162	645338	62.64	ppm		97
63) 1,1'-Biphenyl	7.538	154	1811977	63.26	ppm		100
64) 2-Chloronaphthalene	7.555	162	1826454	65.96	ppm		96
65) 1-Chloronaphthalene	7.592	162	1159089	67.81	ppm		99
66) 2-Nitroaniline	7.726	65	577344	71.68	ppm		94
67) 1,4-Naphthoquinone	7.827	158	580636	71.14	ppm		94
68) Acenaphthylene	8.223	152	2460056	65.04	ppm		100
69) Dimethylphthalate	8.068	163	1853696	65.44	ppm		100
70) m-Dinitrobenzene	8.095	168	301005	67.59	ppm	#	23
71) 2,6-Dinitrotoluene	8.143	165	439247	68.29	ppm		83
72) Acenaphthene	8.528	153	1568926	65.47	ppm		99
73) 3-Nitroaniline	8.426	138	423564	65.93	ppm		97
74) 2,4-Dinitrophenol	8.630	184	184049	56.23	ppm		89
75) Dibenzofuran	8.833	168	2115860	65.79	ppm		99
76) Pentachlorobenzene	10.432	250	447805	65.32	ppm		97
77) 2,4-Dinitrotoluene	8.854	165	552383	70.07	ppm		97
78) 4-Nitrophenol	8.892	109	157549	90.89	ppm	#	56
79) 1-Naphthylamine	8.972	143	1127531	75.39	ppm		96
80) 2-Naphthylamine	9.127	143	969507	77.72	ppm		98
81) 2,3,4,6-Tetrachlorophenol	9.100	232	337409	76.22	ppm		99
82) Fluorene	9.459	166	1748526	66.10	ppm		99
83) 4-Chlorophenyl-phenyle...	9.485	204	774094	74.61	ppm		100
84) Diethylphthalate	9.330	149	1933251	68.11	ppm		99
85) 5-Nitro-o-toluidine	9.534	152	544898	79.63	ppm		97
86) Thionazin	10.330	97	275873	69.97	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:53:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
87) 4-Nitroaniline	9.566	138	408995	Below Cal		96
89) 4,6-Dinitro-2-methylph...	9.630	198	293615	68.07 ppm		99
90) n-Nitrosodiphenylamine	9.731	169	1547633	63.19 ppm		99
91) 1,2-Diphenylhydrazine	9.790	77	1986133	62.63 ppm		100
92) Diphenylamine	9.731	169	1547633	63.19 ppm		99
94) Tetraethyl dithiopyrop...	10.100	97	325640	65.04 ppm		96
95) sym-Trinitrobenzene	10.352	213	199323	130.21 ppm	#	1
96) Diallate	10.320	43	874266	67.62 ppm		90
97) Phorate	10.330	75	1703664	74.94 ppm		93
98) 4-Bromophenyl-phenylether	10.432	248	459343	61.00 ppm		98
99) Phenacetin	10.437	108	907657	97.02 ppm		98
100) Hexachlorobenzene	10.550	284	495859	63.42 ppm		98
101) Dimethoate	10.673	87	632750	90.89 ppm		99
102) Atrazine	10.855	200	335681	88.30 ppm		98
103) 4-aminobiphenyl	10.962	169	1585665	76.36 ppm		100
104) Pentachlorophenol	10.994	266	184667	76.78 ppm		97
105) Pentachloronitrobenzene	10.994	237	210308	72.04 ppm		98
106) Pronamide	11.170	173	857590	99.90 ppm		99
107) Phenanthrene	11.336	178	2509183	77.17 ppm		100
108) Anthracene	11.443	178	2551443	65.98 ppm		100
109) Disulfoton	11.373	88	1307997	68.70 ppm		97
110) Carbazole	11.801	167	2384156	Below Cal		99
111) Methyl parathion	12.128	109	565959	88.52 ppm		99
112) Di-n-butylphthalate	12.641	149	3493275	112.90 ppm		100
113) 4-Nitroquinoline 1-Oxide	12.946	190	167380	254.67 ppm		95
114) Parathion	12.973	97	429480	99.40 ppm		98
115) Methapyrilene	13.181	58	319651	243.67 ppm		98
116) Isodrin	13.459	193	323173	81.37 ppm		99
117) Fluoranthene	13.791	202	2668790	90.15 ppm		99
119) Benzidine	14.128	184	709138	97.91 ppm		100
120) Pyrene	14.246	202	2789334	31.16 ppm		100
122) Aramite	14.700	185	173728	36.12 ppm		93
123) p-(Dimethylamine)azobe...	14.978	120	903691	42.49 ppm		100
124) Chlorobenzilate	15.112	139	986655	46.03 ppm		96
126) 3,3'-Dimethylbenzidine	15.679	212	739417	79.13 ppm		98
128) Butylbenzylphthalate	15.770	149	1353463	67.14 ppm		97
129) 2-Acetylaminofluorene	16.230	181	659344	100.60 ppm		97
130) 3,3'-Dichlorobenzidine	16.808	252	549854	79.65 ppm		99
131) Benzo[a]anthracene	16.808	228	1977526	65.13 ppm		99
132) Chrysene	16.888	228	1902683	69.62 ppm		98
133) bis(2-Ethylhexyl)phtha...	17.054	149	1808690	76.39 ppm		100
135) Di-n-octylphthalate	18.348	149	2552247	84.47 ppm		100
136) Benzo[b]fluoranthene	18.952	252	1321438	72.20 ppm		96
137) Benzo[k]fluoranthene	19.001	252	1240297	74.38 ppm		100
138) 7,12-Dimethylbenz(a)an...	18.947	256	643095	75.36 ppm		97
140) Benzo[a]pyrene	19.525	252	1155602	68.25 ppm		99
141) 3-Methylcholanthrene	20.204	268	517187	69.48 ppm		100
142) Indeno[1,2,3-cd]pyrene	21.803	276	723900	50.14 ppm		95
143) Dibenz[a,h]anthracene	21.846	278	612986	50.63 ppm		98
144) Benzo[g,h,i]perylene	22.424	276	544769	44.13 ppm		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:53:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

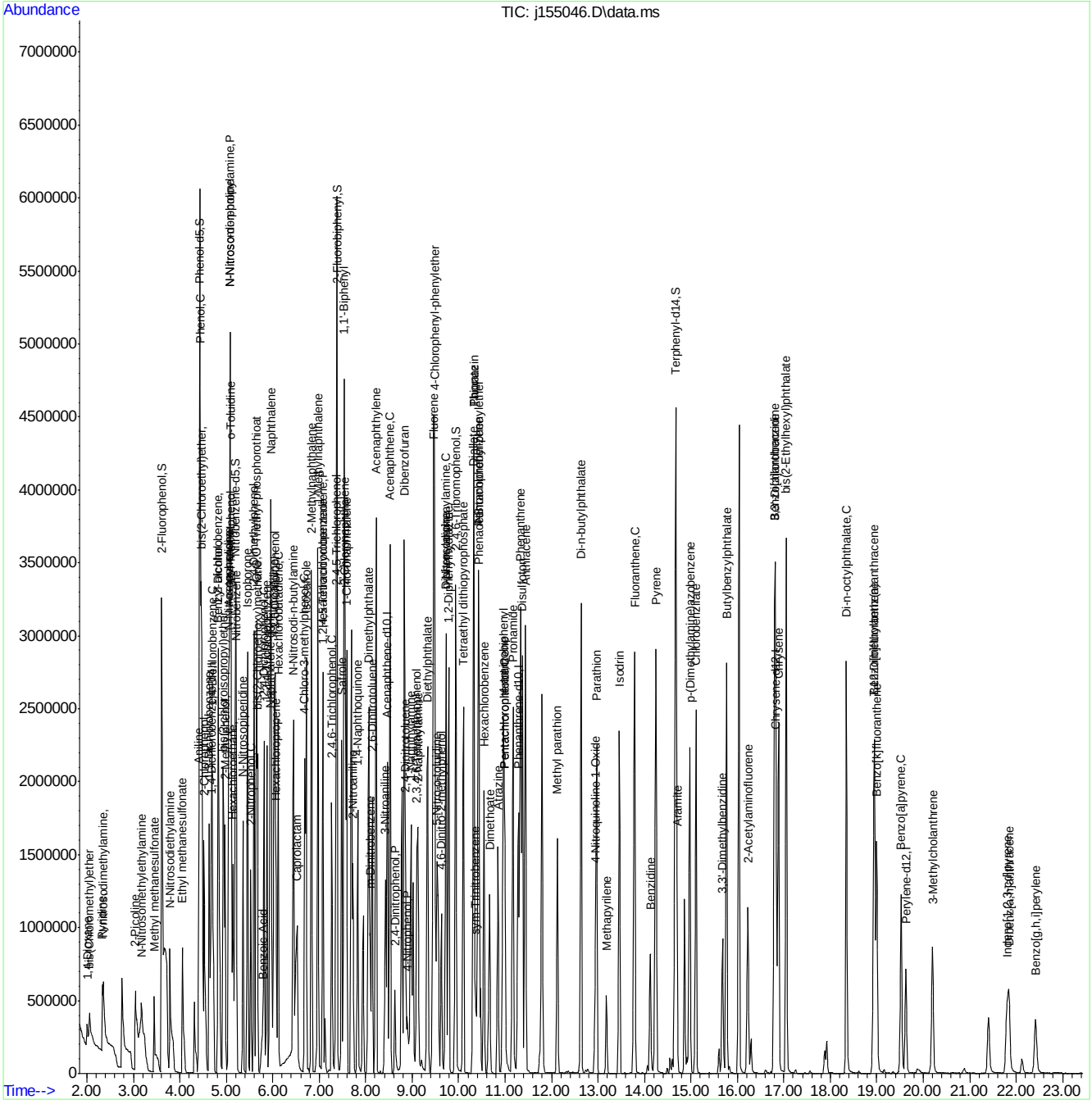
8.6.5

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

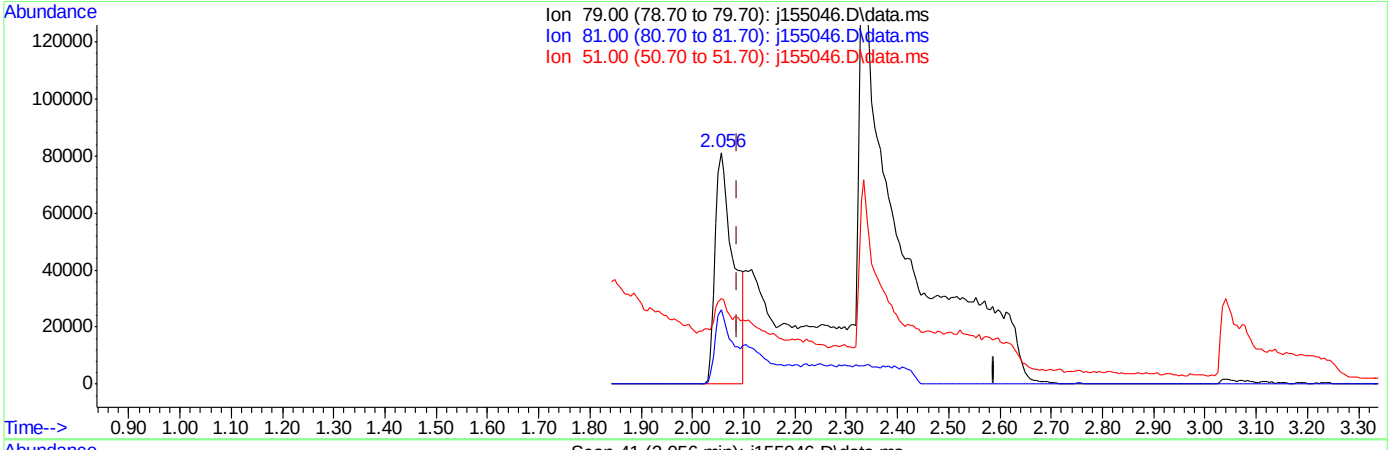
Quant Time: Sep 05 13:53:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration

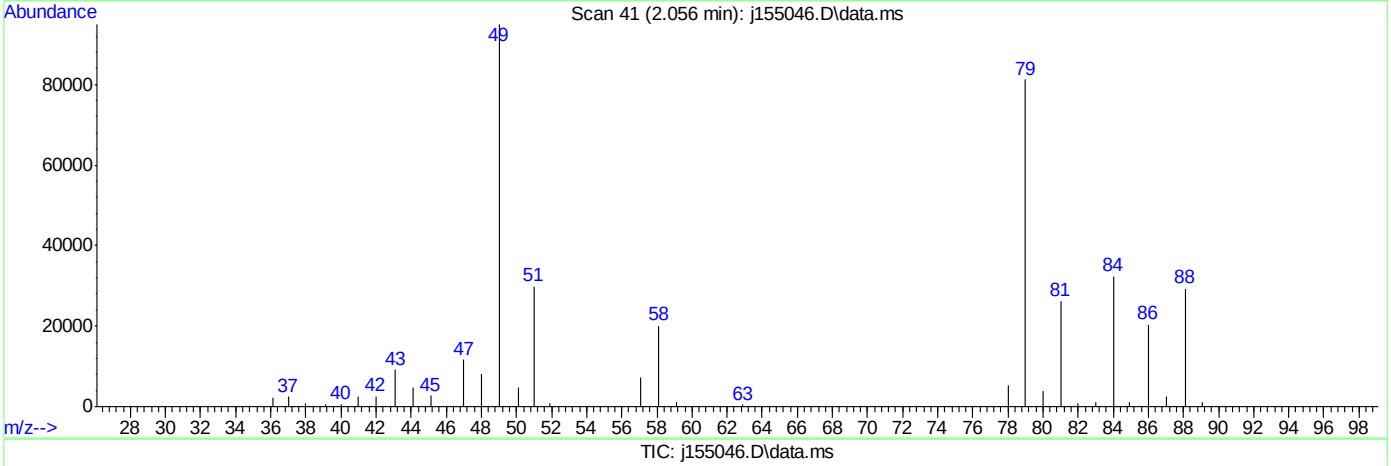


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.032) 23.76ppm

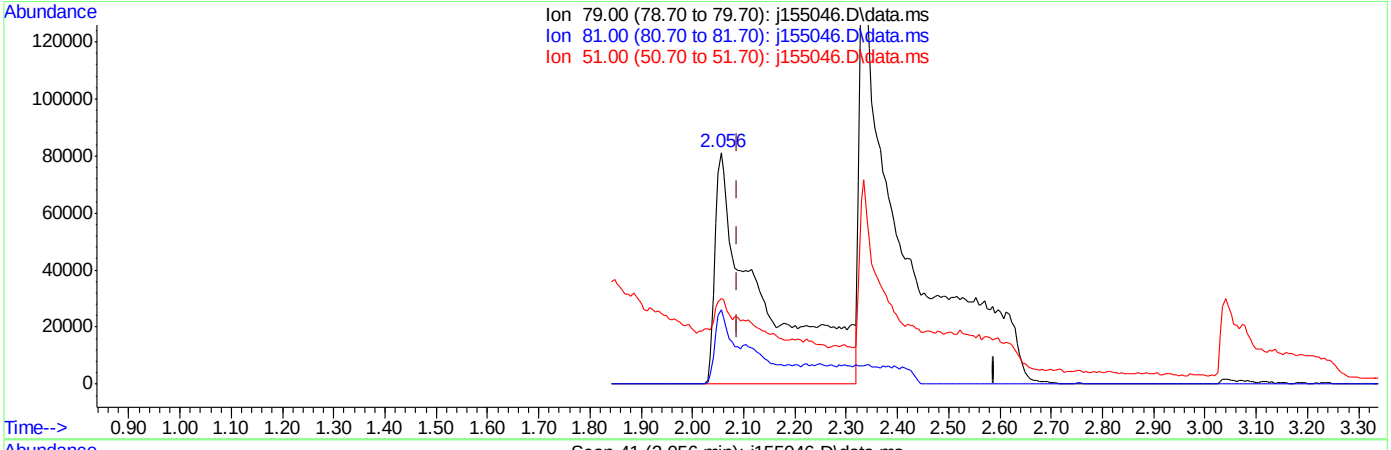
response 206172

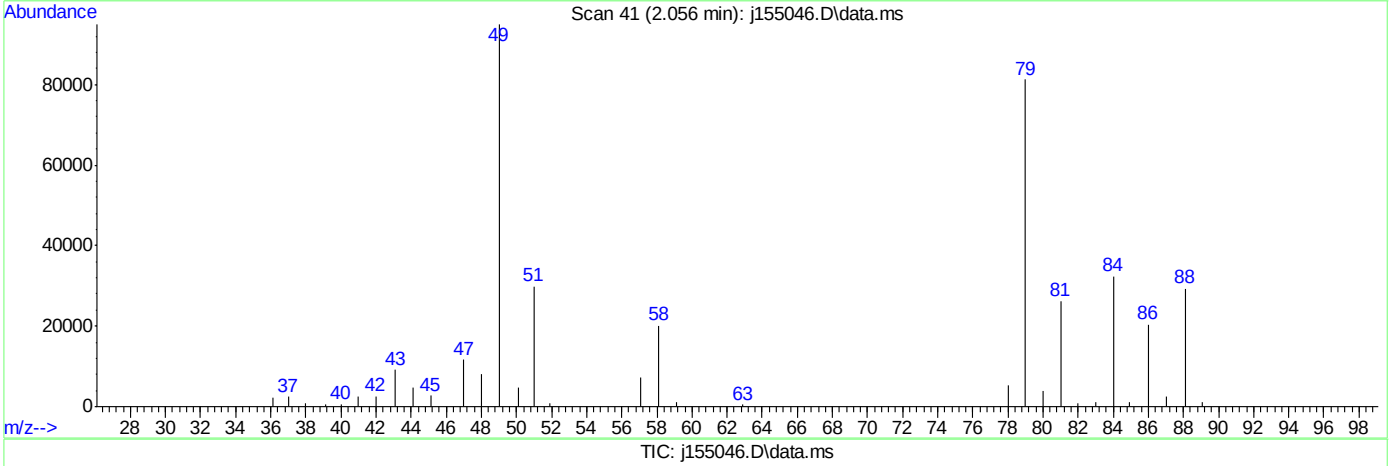
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	30.00
51.00	37.30	25.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.032) 59.35ppm m

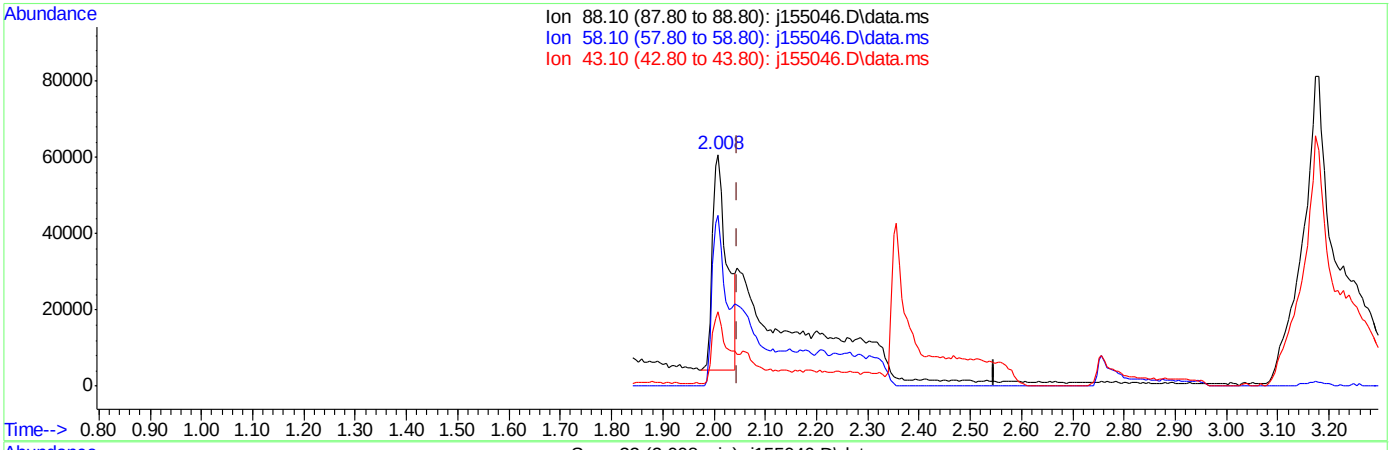
response 514956

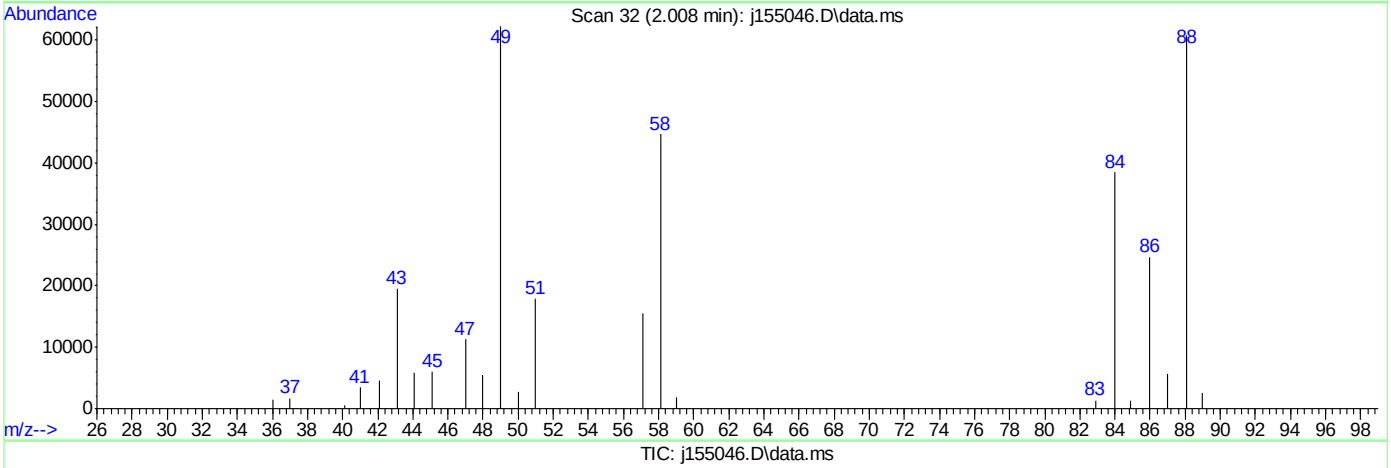
Ion	Exp%	Act%
79.00	100	100
81.00	34.30	12.01#
51.00	37.30	10.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 19.02ppm

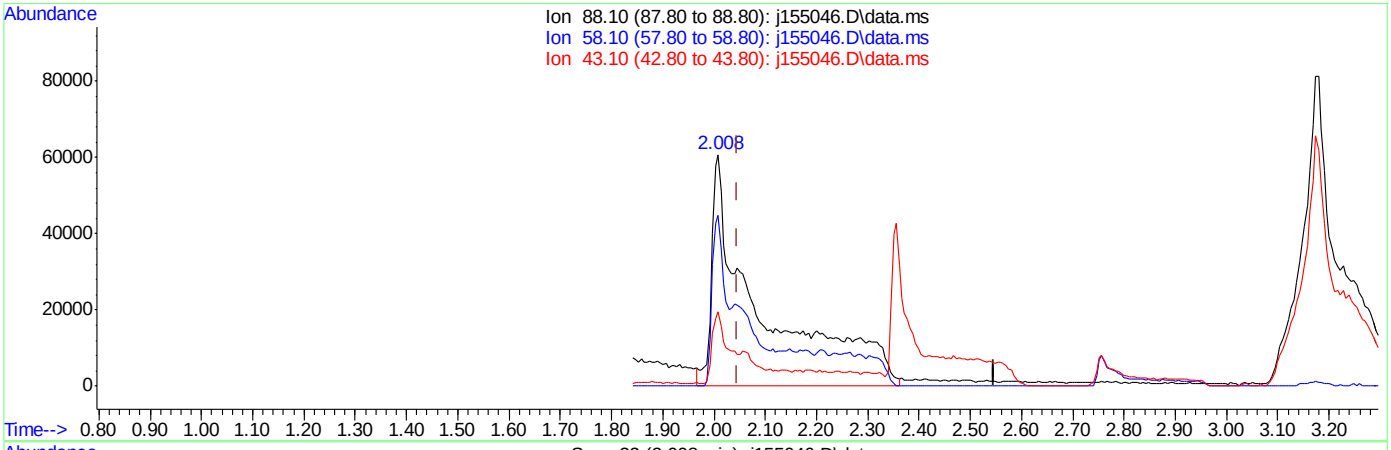
response 110357

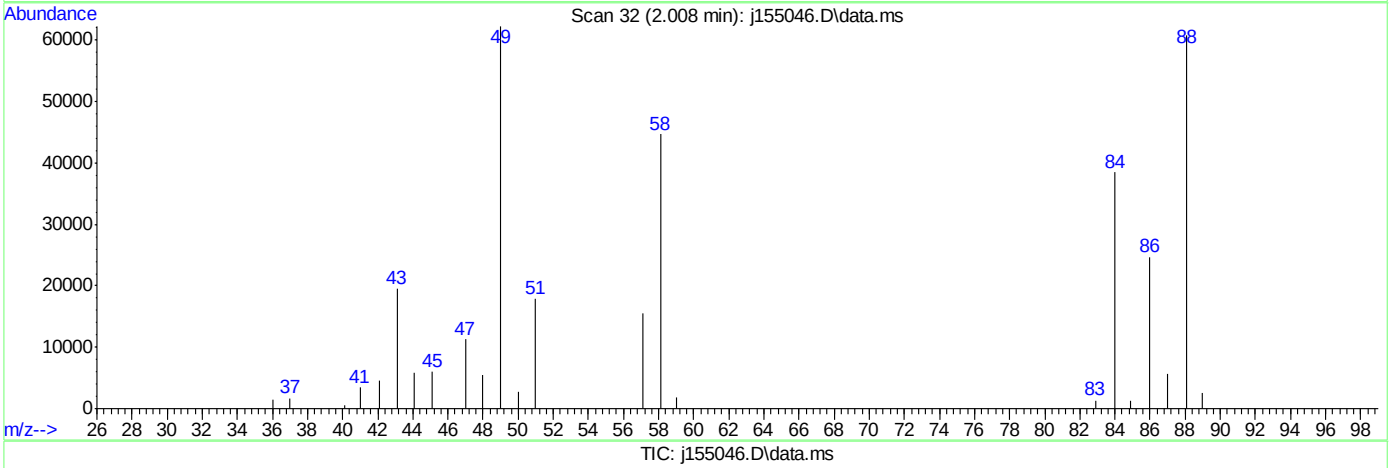
Ion	Exp%	Act%
88.10	100	100
58.10	70.00	69.00
43.10	29.20	38.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.038) 68.64ppm m

response 398229

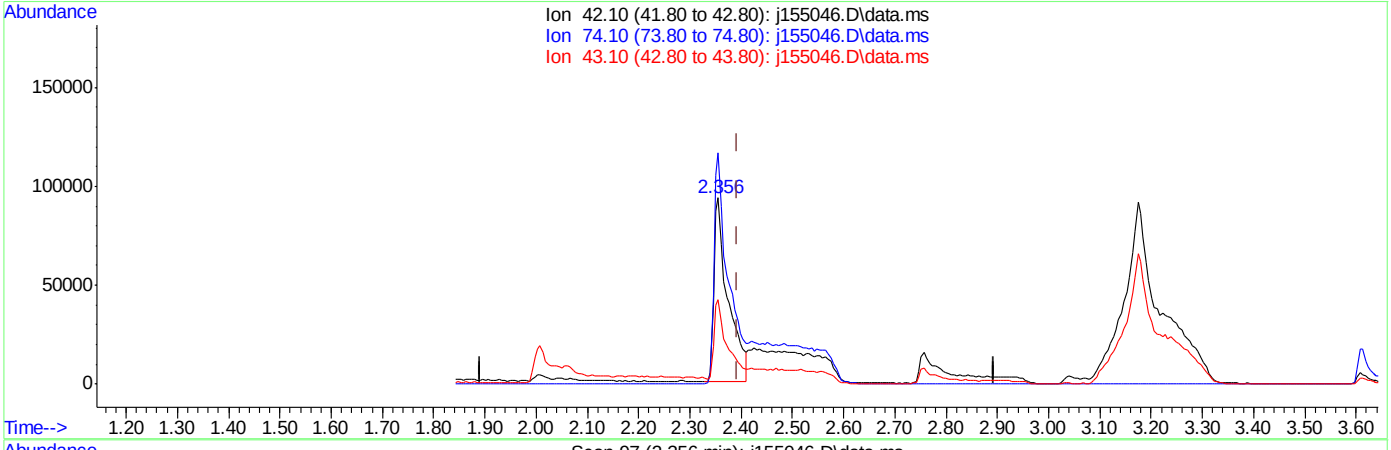
Ion	Exp%	Act%
88.10	100	100
58.10	70.00	19.12#
43.10	29.20	10.61
0.00	0.00	0.00

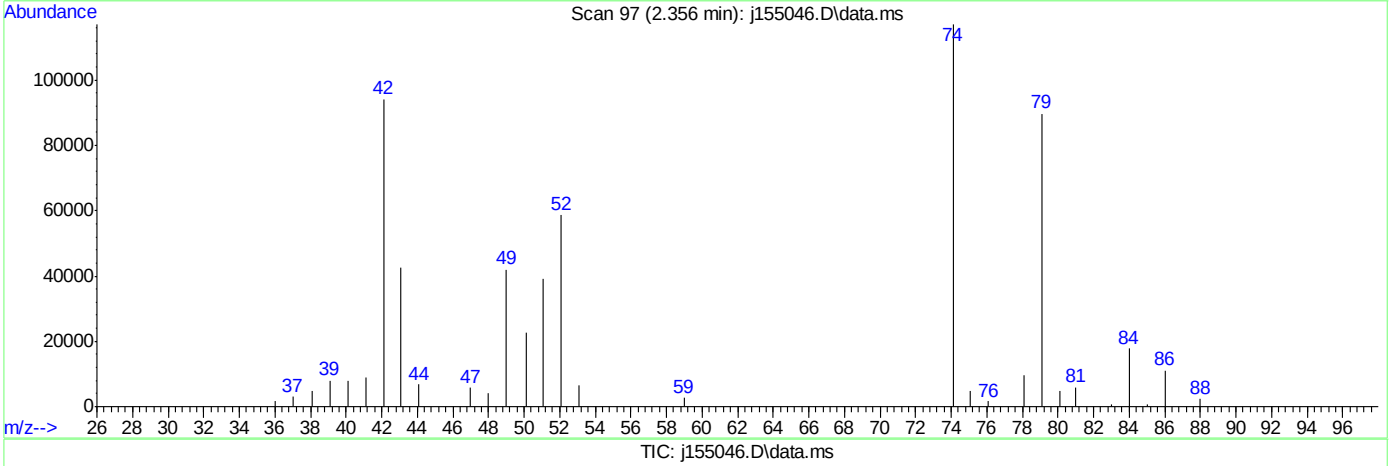
8.6.5.4 8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 41.88ppm

response 179655

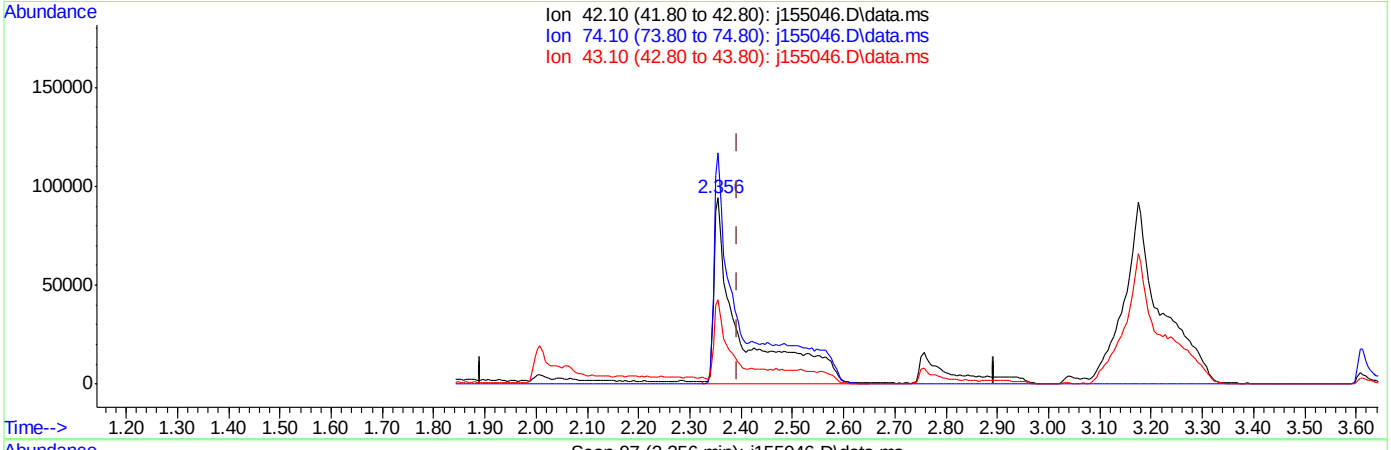
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	131.68
43.10	44.70	41.93
0.00	0.00	0.00

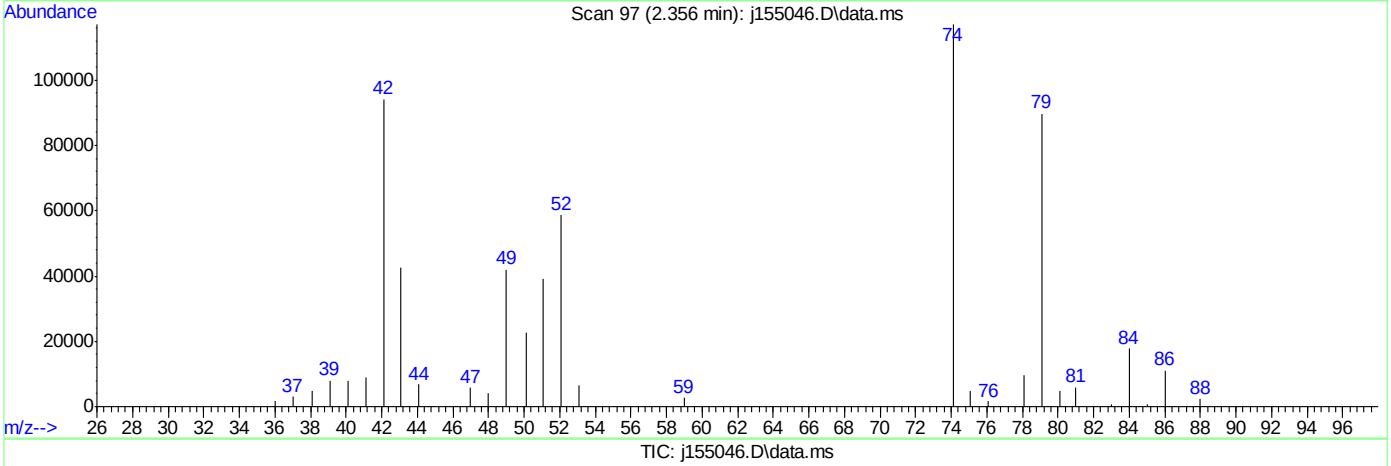
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.037) 81.84ppm m

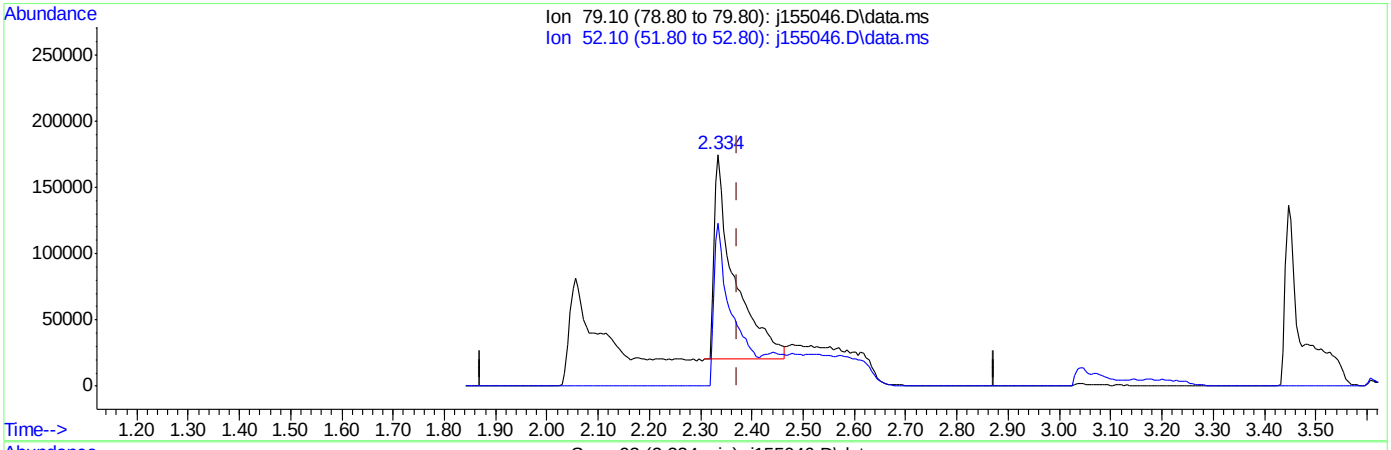
response 351110

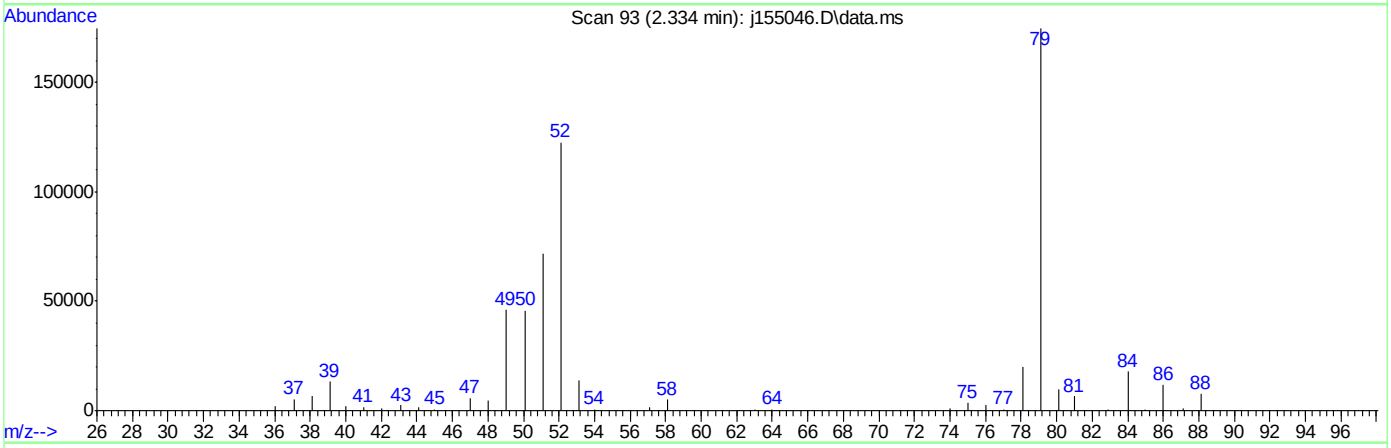
Ion	Exp%	Act%
42.10	100	100
74.10	122.20	67.38#
43.10	44.70	21.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 37.98ppm

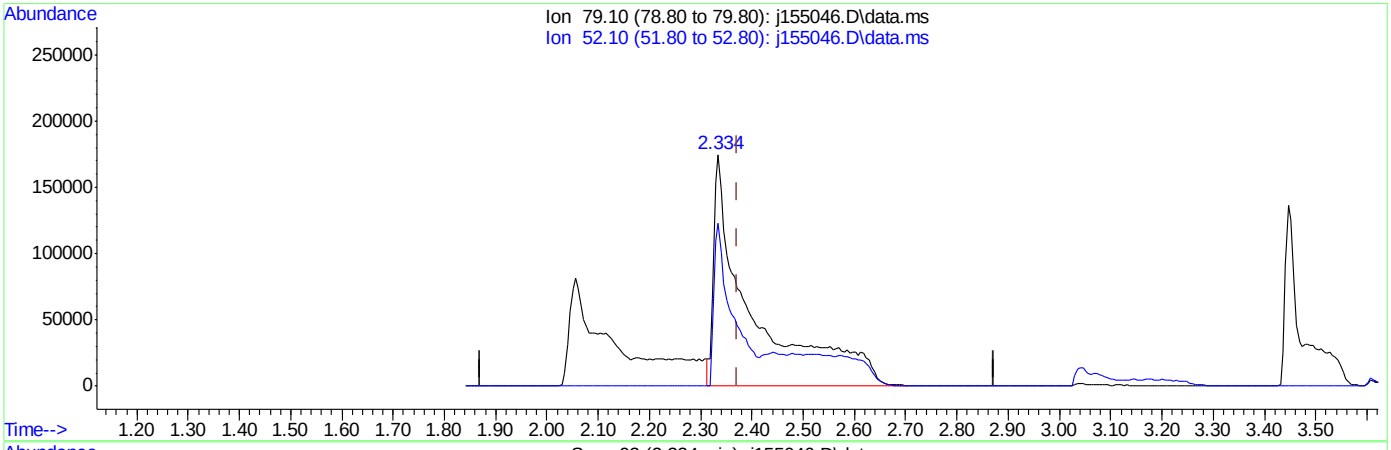
response 418253

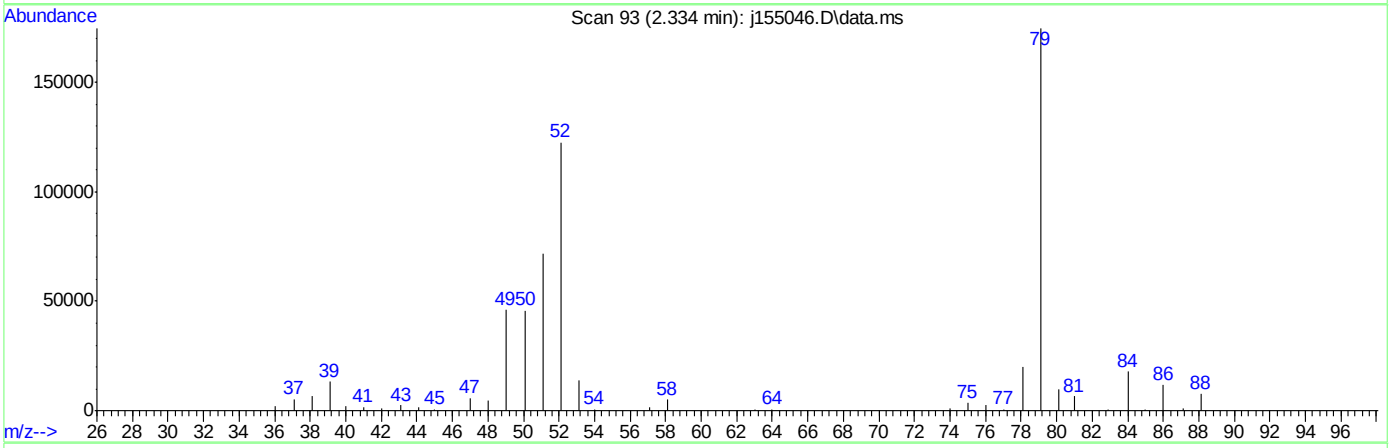
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	74.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(5) Pyridine ( )

2.334min (-0.038) 81.35ppm m

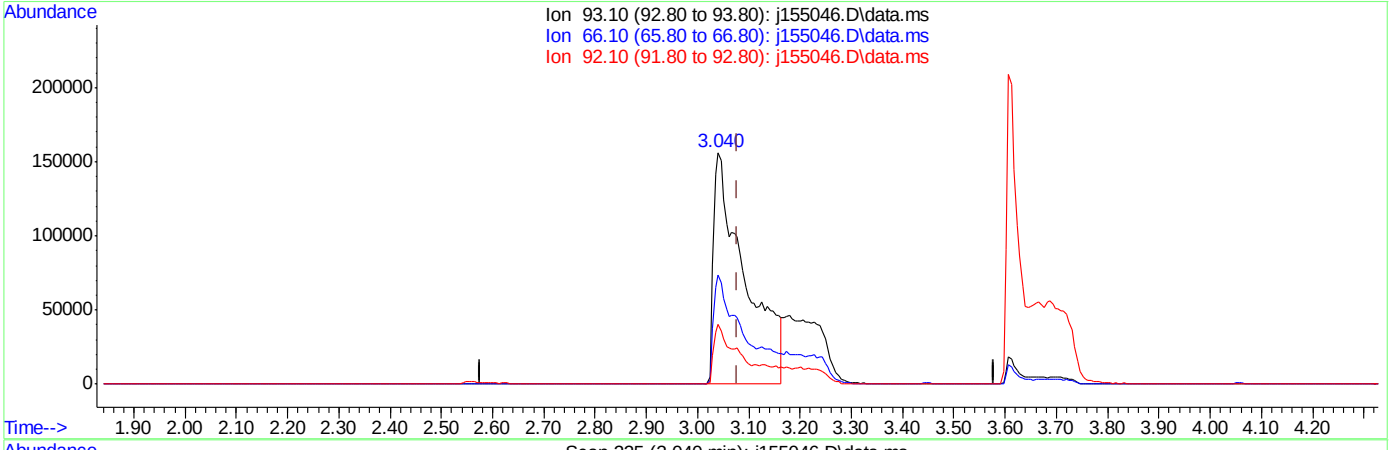
response 895954

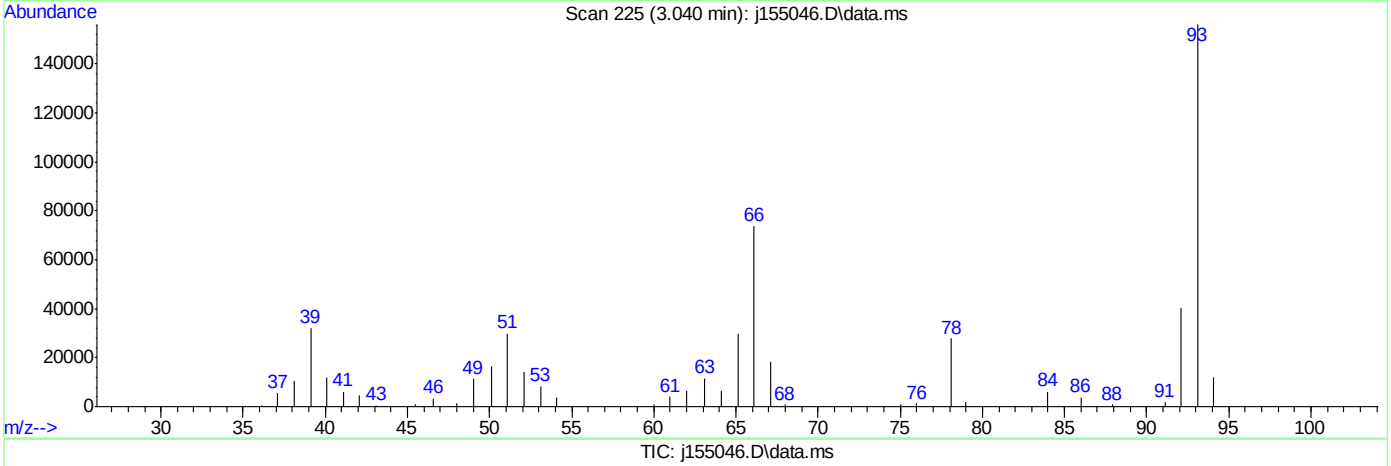
Ion	Exp%	Act%
79.10	100	100
52.10	72.10	34.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 51.04ppm

response 661877

Ion	Exp%	Act%
93.10	100	100
66.10	44.80	36.10
92.10	23.70	19.69
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On    :  5 Sep 2010  12:57 pm
Operator  : sheilac
Sample    : ic921-75
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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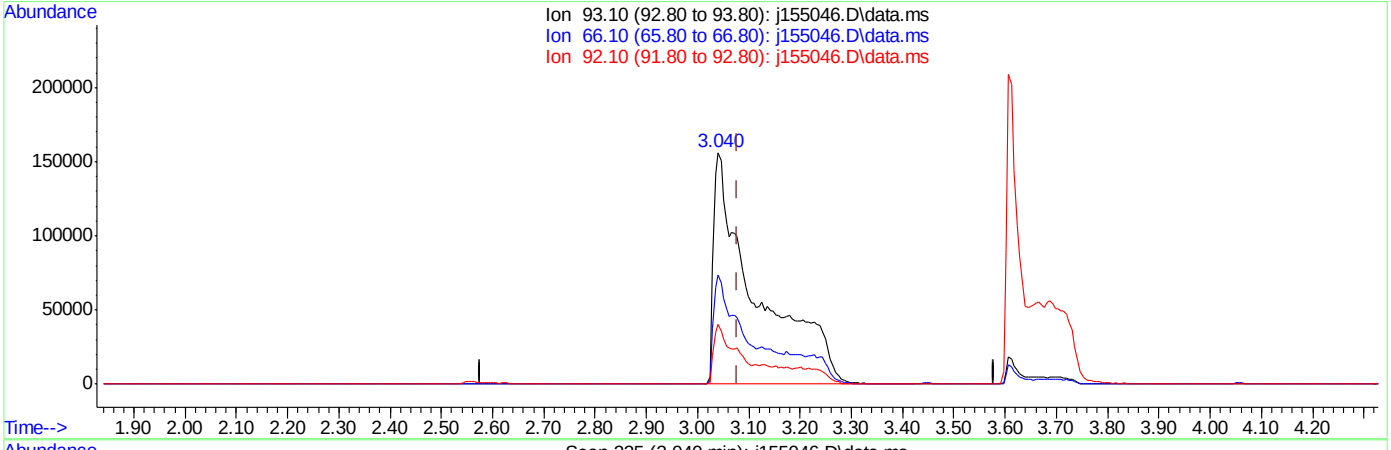
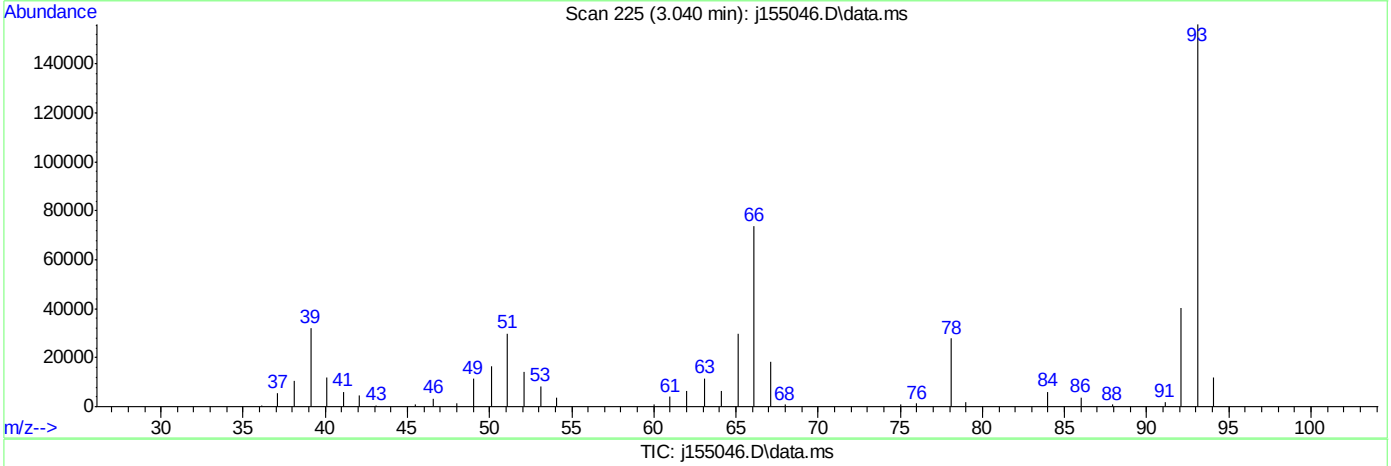




TIC: j155046.D\data.ms

(6) 2-Picoline

3.040min (-0.038) 69.44ppm m

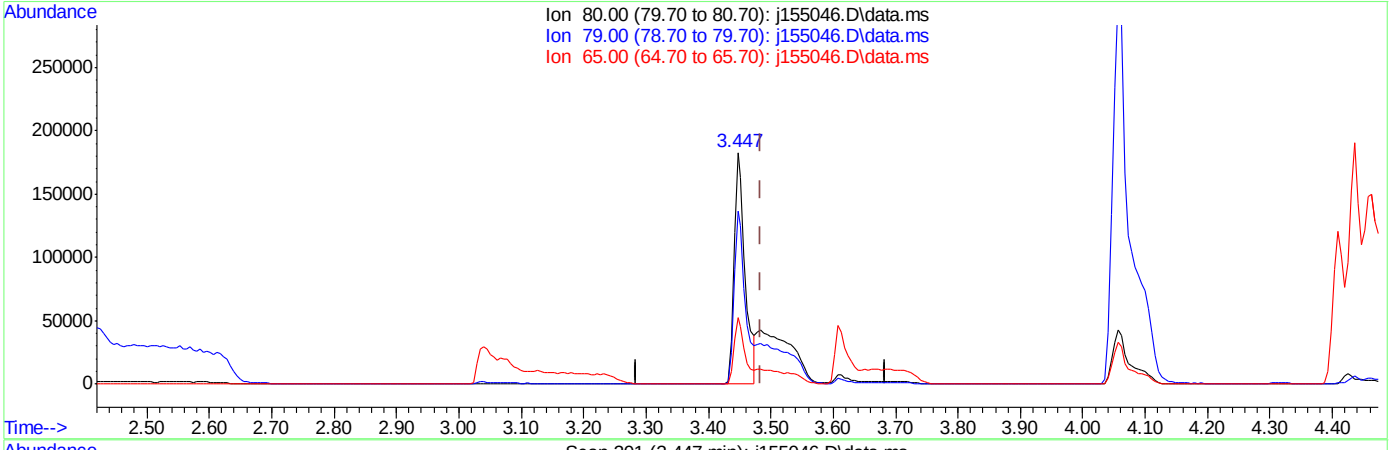
response 900395

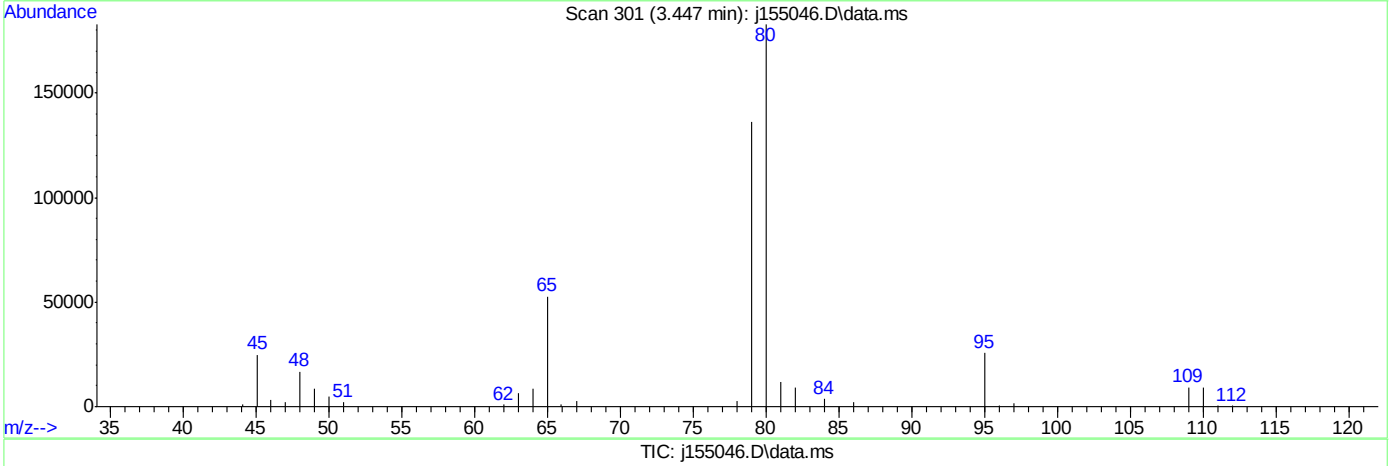
Ion	Exp%	Act%
93.10	100	100
66.10	44.80	26.54#
92.10	23.70	14.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 42.87ppm

response 237548

Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	76.22#
65.00	6000.00	28.63#
0.00	0.00	0.00

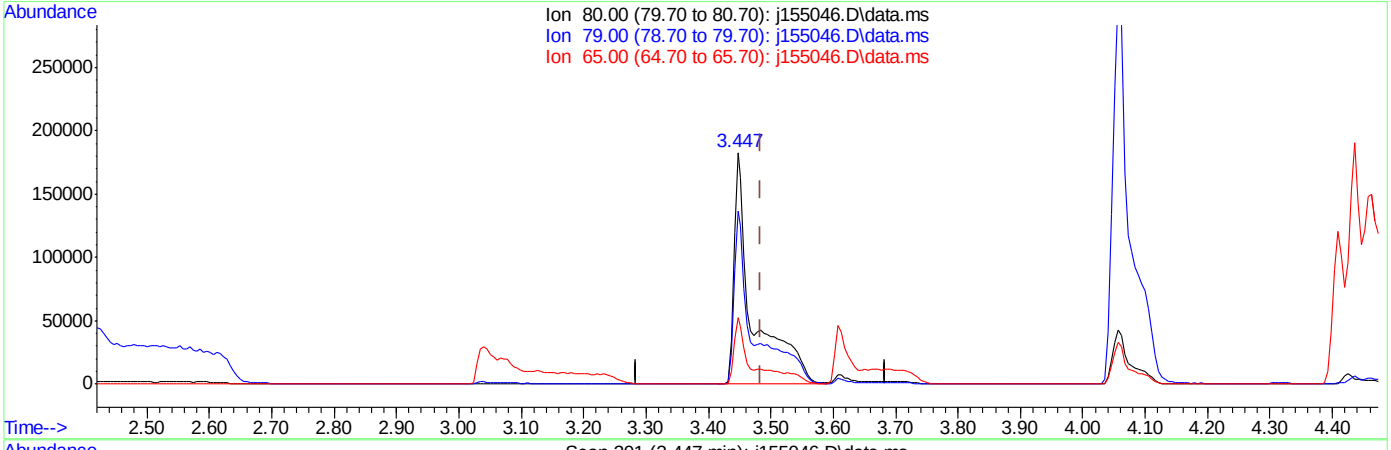
8.6.5.11

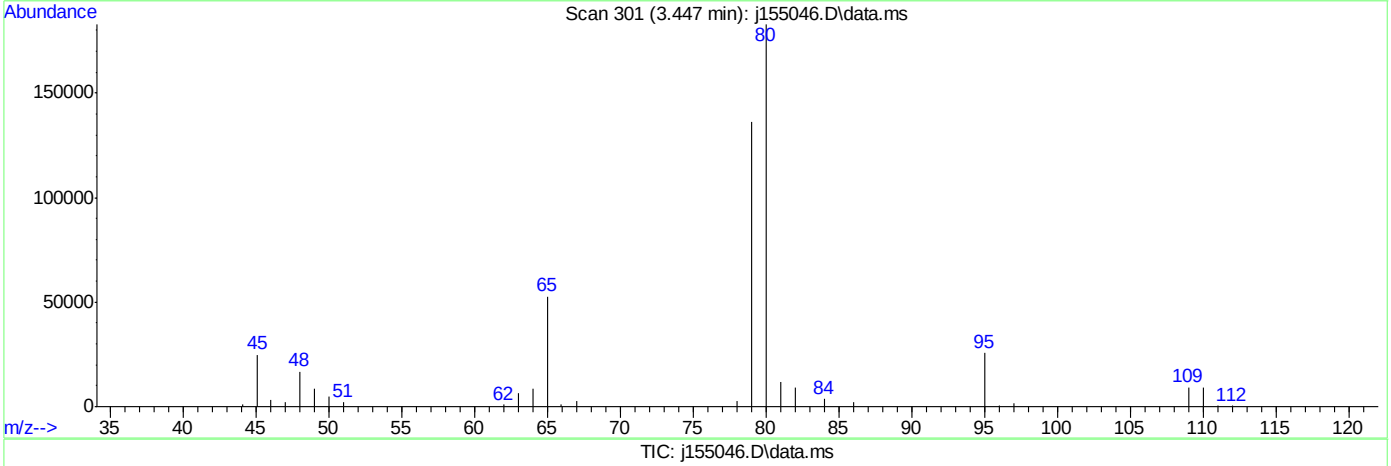
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(8) Methyl methanesulfonate

3.447min (-0.038) 72.45ppm m

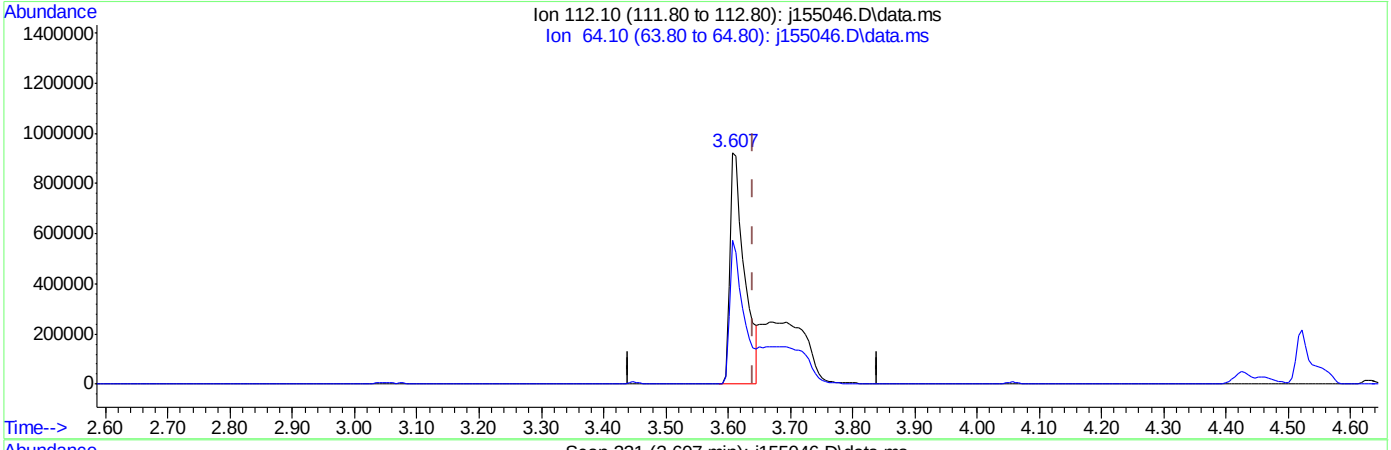
response 401507

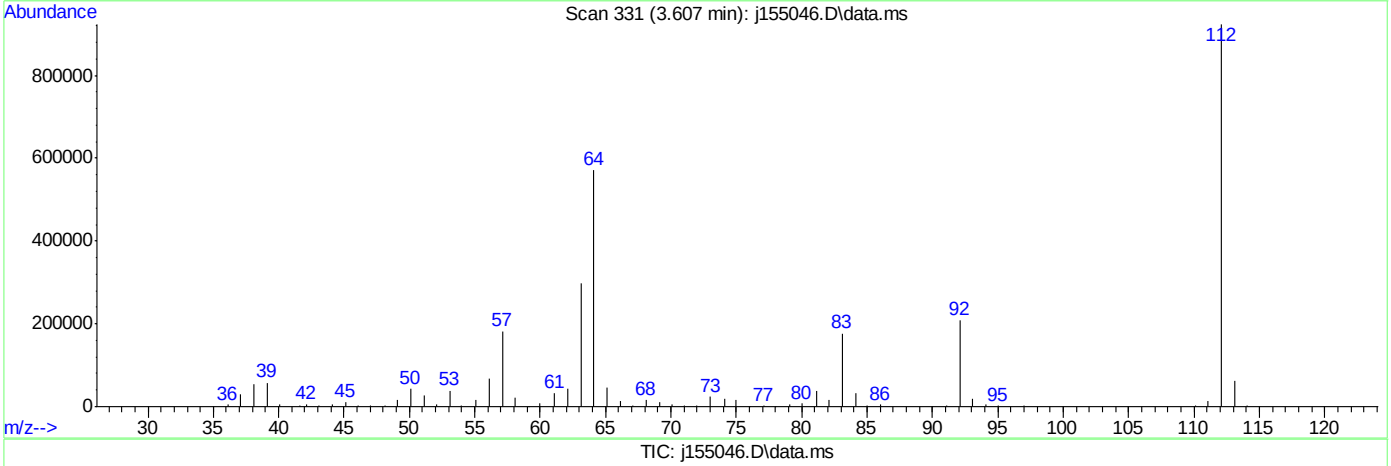
Ion	Exp%	Act%
80.00	100	100
79.00	6000.00	45.09#
65.00	6000.00	16.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On    :  5 Sep 2010  12:57 pm
Operator  : sheilac
Sample    : ic921-75
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
```





TIC: j155046.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 149.79ppm

response 1467391

Ion	Exp%	Act%
112.10	100	100
64.10	60.70	60.93
0.00	0.00	0.00
0.00	0.00	0.00

8.6.5.13

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On    :  5 Sep 2010  12:57 pm
Operator  : sheilac
Sample    : ic921-75
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration
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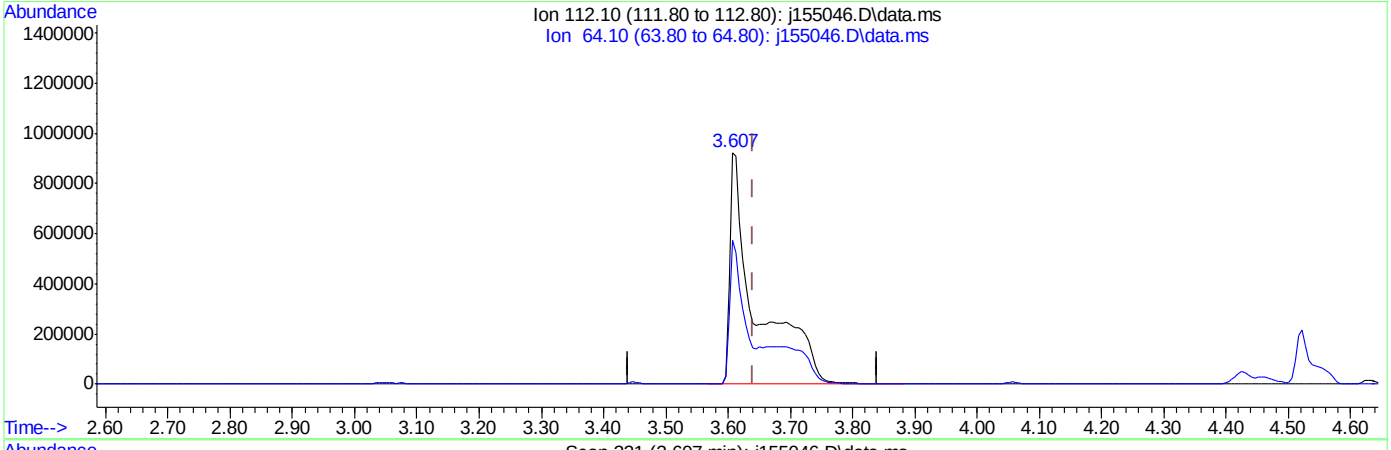
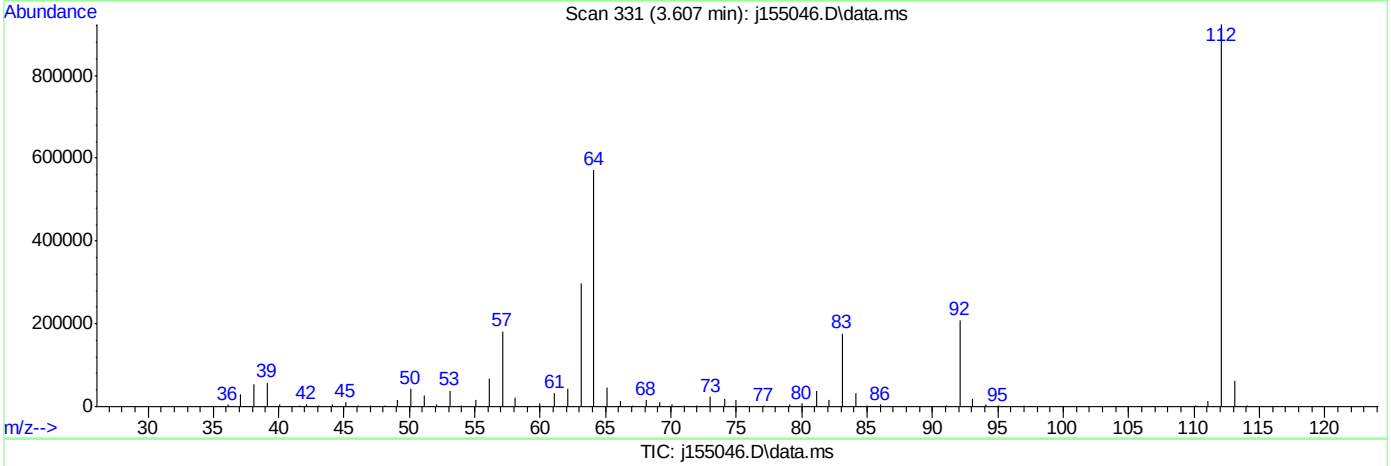




TIC: j155046.D\data.ms

(13) 2-Fluorophenol (S)

3.607min (-0.033) 282.76ppm m

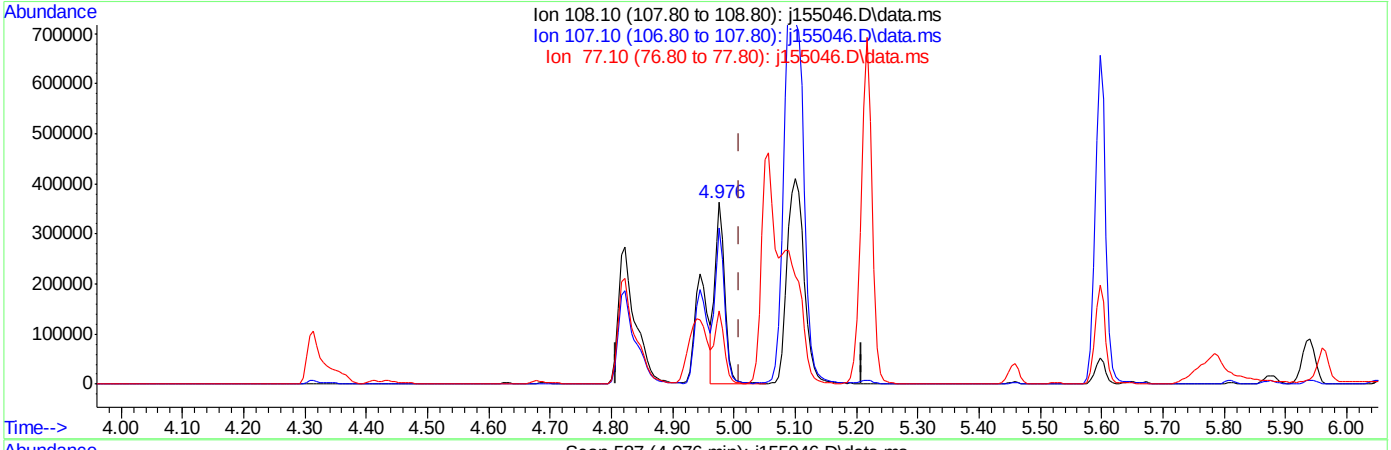
response 2770019

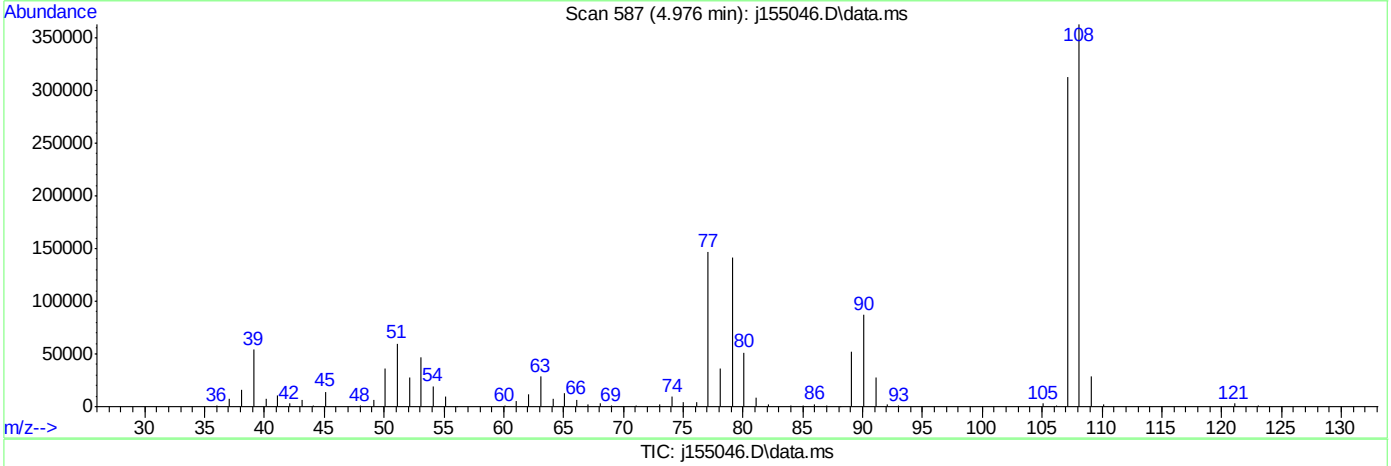
Ion	Exp%	Act%
112.10	100	100
64.10	60.70	32.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(23) 2-Methylphenol ( )

4.976min (-0.032) 38.35ppm

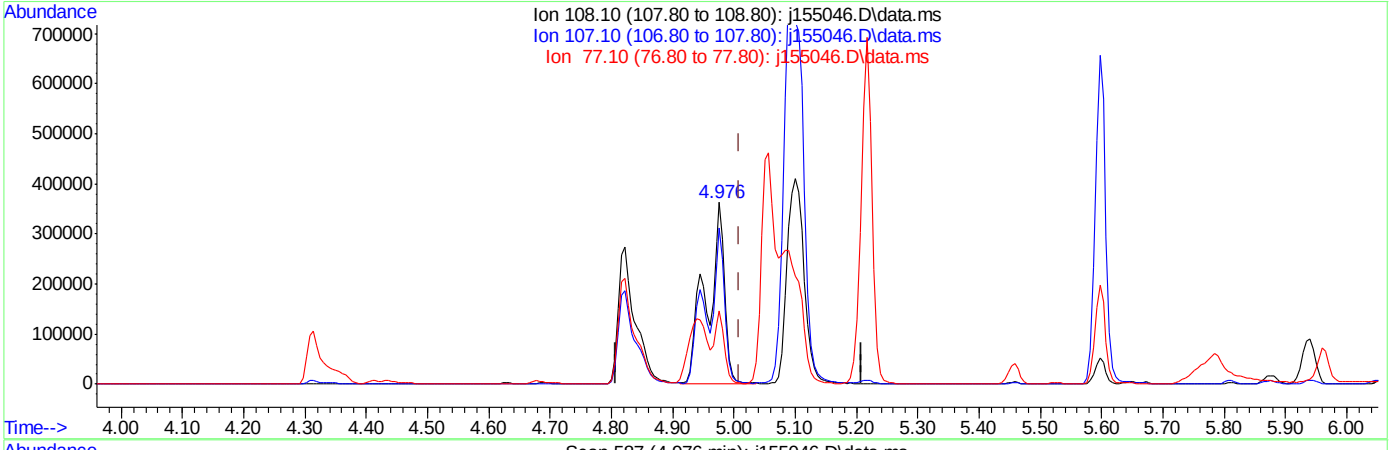
response 425429

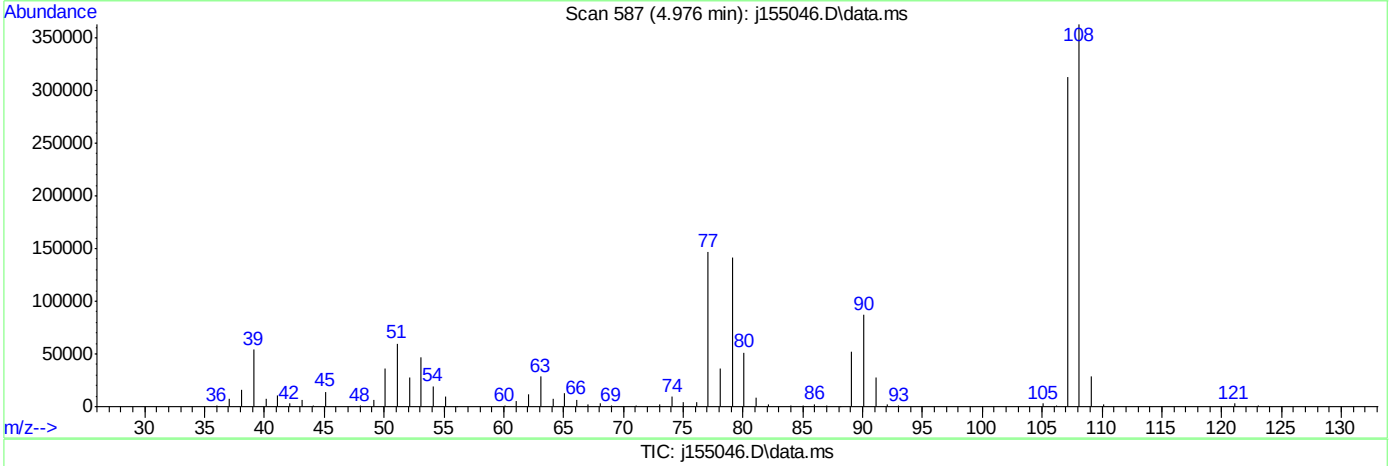
Ion	Exp%	Act%
108.10	100	100
107.10	86.00	84.69
77.10	39.70	39.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155046.D
Acq On : 5 Sep 2010 12:57 pm
Operator : sheilac
Sample : ic921-75
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 05 13:52:37 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 12:11:00 2010
Response via : Initial Calibration





TIC: j155046.D\data.ms

(23) 2-Methylphenol ( )

4.976min (-0.032) 67.33ppm m

response 746855

Ion	Exp%	Act%
108.10	100	100
107.10	86.00	48.24#
77.10	39.70	22.59
0.00	0.00	0.00

8.6.5.16
8

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:27:30 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	4.682	152	335510	40.00	ppm	#	0.00
31) Naphthalene-d8	5.945	136	1425478	40.00	ppm		0.01
57) Acenaphthene-d10	8.480	164	979769	40.00	ppm		0.02
88) Phenanthrene-d10	11.299	188	1630287	40.00	ppm		0.02
118) Chrysene-d12	16.840	240	916056	40.00	ppm		0.02
134) Perylene-d12	19.632	264	425555	40.00	ppm		0.00
System Monitoring Compounds							
13) 2-Fluorophenol	3.629	112	5499675m	548.92	ppm		0.02
Spiked Amount 100.000	Range 23 - 110		Recovery = 548.92%#				
15) Phenol-d5	4.447	99	6481410	526.93	ppm		0.02
Spiked Amount 100.000	Range 23 - 114		Recovery = 526.93%#				
32) Nitrobenzene-d5	5.217	82	3154076	246.47	ppm		0.02
Spiked Amount 50.000	Range 36 - 126		Recovery = 492.94%#				
61) 2-Fluorobiphenyl	7.400	172	5845895	224.34	ppm		0.02
Spiked Amount 50.000	Range 34 - 132		Recovery = 448.68%#				
93) 2,4,6-Tribromophenol	9.978	330	1349802	527.16	ppm		0.04
Spiked Amount 100.000	Range 33 - 138		Recovery = 527.16%#				
121) Terphenyl-d14	14.690	244	4709346	272.33	ppm		0.02
Spiked Amount 50.000	Range 46 - 136		Recovery = 544.66%#				
Target Compounds							Qvalue
2) bis(Chloromethyl)ether	2.062	79	1039802m	134.51	ppm		
3) 1,4-Dioxane	2.013	88	747469m	147.19	ppm		
4) N-nitrosodimethylamine	2.361	42	691002m	145.79	ppm		
5) Pyridine	2.340	79	1768579m	143.80	ppm		
6) 2-Picoline	3.062	93	1849978m	144.40	ppm		
7) N-Nitrosomethylethylamine	3.185	42	924421	137.84	ppm		100
8) Methyl methanesulfonate	3.463	80	807948m	140.10	ppm		
9) N-Nitrosodiethylamine	3.805	102	872997	141.42	ppm		98
10) Ethyl methanesulfonate	4.078	79	1230984	143.00	ppm		100
11) Benzaldehyde	4.313	106	322255	Below Cal			99
12) Aniline	4.420	93	1663150	132.50	ppm		92
14) bis(2-Chloroethyl)ether	4.469	93	2037599	139.31	ppm	#	69
16) Phenol	4.452	94	2005267	133.82	ppm		79
17) 2-Chlorophenol	4.527	128	1570564	140.99	ppm		99
18) 1,3-Dichlorobenzene	4.634	146	1680694	132.03	ppm		99
19) 1,4-Dichlorobenzene	4.699	146	1761870	132.22	ppm		100
20) 1,2-Dichlorobenzene	4.832	146	1543949	126.60	ppm		100
21) Benzyl alcohol	4.838	108	1067824	143.61	ppm		99
22) bis(2-chloroisopropyl)...	4.934	45	2664724	128.38	ppm		93
23) 2-Methylphenol	5.009	108	1526697m	143.59	ppm		
24) N-Nitrosopyrrolidine	5.100	100	823609	128.27	ppm	#	33
25) N-Nitrosomorpholine	5.116	56	1010325m	123.66	ppm		
26) o-Toluidine	5.100	106	2470883	127.96	ppm	#	98
27) Acetophenone	5.073	105	2099974	133.49	ppm	#	99
28) Hexachloroethane	5.142	117	657615	137.46	ppm		96
29) N-Nitroso-di-n-propyla...	5.110	70	1080197	120.82	ppm		92
30) 3&4-Methylphenol	5.116	108	1550660	132.93	ppm	#	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:27:30 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
33) Nitrobenzene	5.239	77	1621247	121.61 ppm		100
34) N-Nitrosopiperidine	5.383	42	1182159	128.44 ppm		99
36) Isophorone	5.474	82	3414061	128.80 ppm		99
37) 2-Nitrophenol	5.538	139	830835	144.18 ppm		99
38) 2,4-Dimethylphenol	5.618	107	1588414	129.76 ppm		99
39) bis(2-Chloroethoxy)met...	5.683	93	2349237	122.50 ppm		100
40) O,O,O-Triethyl phospho...	5.661	121	725878	121.42 ppm		98
41) Benzoic Acid	5.859	105	872492	157.93 ppm		95
42) 2,4-Dichlorophenol	5.827	162	1166343	132.34 ppm		99
43) 1,2,4-Trichlorobenzene	5.881	180	1314455	119.98 ppm		100
44) Naphthalene	5.971	128	4474844	119.54 ppm		100
45) 4-Chloroaniline	6.046	127	1822682	132.49 ppm		99
46) 2,6-Dichlorophenol	6.062	162	1104445	125.00 ppm		99
47) Hexachloropropene	6.073	213	603304	148.09 ppm		99
48) Hexachlorobutadiene	6.121	225	667730	116.81 ppm		99
50) Caprolactam	6.587	113	573061	142.06 ppm		98
51) N-Nitrosodi-n-butylamine	6.453	84	1229950	Below Cal		98
52) 4-Chloro-3-methylphenol	6.715	107	1346581	134.09 ppm		98
53) Isosafrole	6.731	162	1136070	117.52 ppm		96
54) 2-Methylnaphthalene	6.849	142	3019989	120.64 ppm		99
55) 1-Methylnaphthalene	6.988	142	2938586	119.17 ppm		99
56) 1,2,4,5-Tetrachloroben...	7.095	216	1137431	117.12 ppm		100
58) Hexachlorocyclopentadiene	7.084	237	321446	257.64 ppm		99
59) 2,4,6-Trichlorophenol	7.298	196	836984	Below Cal		99
60) 2,4,5-Trichlorophenol	7.384	196	728289	Below Cal		99
62) Safrole	7.512	162	1303957	126.30 ppm		99
63) 1,1'-Biphenyl	7.560	154	3458370	113.71 ppm		99
64) 2-Chloronaphthalene	7.581	162	3649016	126.85 ppm		97
65) 1-Chloronaphthalene	7.614	162	1914685m	93.27 ppm		
66) 2-Nitroaniline	7.753	65	1156463	134.82 ppm		99
67) 1,4-Naphthoquinone	7.849	158	1046785	114.42 ppm		98
68) Acenaphthylene	8.245	152	4719181	117.85 ppm		99
69) Dimethylphthalate	8.100	163	3612365	123.19 ppm		100
70) m-Dinitrobenzene	8.138	168	583970	131.59 ppm	#	25
71) 2,6-Dinitrotoluene	8.175	165	838797	122.95 ppm		78
72) Acenaphthene	8.550	153	2983122	115.79 ppm		100
73) 3-Nitroaniline	8.464	138	836976	136.85 ppm		99
74) 2,4-Dinitrophenol	8.667	184	406909	201.89 ppm		98
75) Dibenzofuran	8.854	168	4022529	117.42 ppm		98
76) Pentachlorobenzene	10.454	250	851601	117.48 ppm		99
77) 2,4-Dinitrotoluene	8.892	165	1069465	130.30 ppm		84
78) 4-Nitrophenol	8.919	109	256858	Below Cal	#	73
79) 1-Naphthylamine	8.999	143	2141911	161.22 ppm		98
80) 2-Naphthylamine	9.159	143	1917462	162.57 ppm		98
81) 2,3,4,6-Tetrachlorophenol	9.122	232	702470	159.66 ppm		98
82) Fluorene	9.480	166	3276328	113.62 ppm		100
83) 4-Chlorophenyl-phenyle...	9.502	204	1433155	109.27 ppm		98
84) Diethylphthalate	9.363	149	3602759	117.87 ppm		100
85) 5-Nitro-o-toluidine	9.582	152	1036407	128.78 ppm	#	89
86) Thionazin	10.363	97	515154	121.07 ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:27:30 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
87)	4-Nitroaniline	9.609	138	787884m	130.87	ppm		
89)	4,6-Dinitro-2-methylph...	9.683	198	595201	169.50	ppm		95
90)	n-Nitrosodiphenylamine	9.764	169	2912571	117.83	ppm		100
91)	1,2-Diphenylhydrazine	9.812	77	4167319	133.71	ppm		95
92)	Diphenylamine	9.764	169	2912571	117.83	ppm		100
94)	Tetraethyl dithiopyrop...	10.133	97	608736	118.03	ppm		96
95)	sym-Trinitrobenzene	10.406	213	322883	119.46	ppm	#	1
96)	Diallate	10.341	43	1586157	107.46	ppm		96
97)	Phorate	10.363	75	2458126	94.81	ppm	#	89
98)	4-Bromophenyl-phenylether	10.454	248	878763	116.40	ppm		98
99)	Phenacetin	10.496	108	1585755	113.88	ppm		98
100)	Hexachlorobenzene	10.577	284	921660	111.24	ppm		99
101)	Dimethoate	10.716	87	819115	73.31	ppm		99
102)	Atrazine	10.882	200	406615	64.51	ppm		98
103)	4-aminobiphenyl	10.989	169	2705141	112.82	ppm		99
104)	Pentachlorophenol	11.015	266	369126	158.66	ppm		95
105)	Pentachloronitrobenzene	10.989	237	377410	114.24	ppm	#	87
106)	Pronamide	11.202	173	1498620	108.56	ppm		99
107)	Phenanthrene	11.363	178	4505011	109.39	ppm		99
108)	Anthracene	11.470	178	4649230	113.43	ppm		99
109)	Disulfoton	11.400	88	2367864	114.18	ppm		97
110)	Carbazole	11.823	167	4054454	106.99	ppm		99
111)	Methyl parathion	12.144	109	783188	82.59	ppm		99
112)	Di-n-butylphthalate	12.652	149	5942513	105.00	ppm		100
113)	4-Nitroquinoline 1-Oxide	12.967	190	244659	145.95	ppm		98
114)	Parathion	12.989	97	698830	104.30	ppm		98
115)	Methapyrilene	13.197	58	362403	67.03	ppm		99
116)	Isodrin	13.476	193	563050	106.41	ppm		97
117)	Fluoranthene	13.807	202	4295349	97.20	ppm		100
119)	Benzidine	14.144	184	871248	127.08	ppm		99
120)	Pyrene	14.267	202	4376071	145.09	ppm		100
122)	Aramite	14.711	185	239898	127.78	ppm		97
123)	p-(Dimethylamine)azobe...	14.989	120	1343208	141.62	ppm		99
124)	Chlorobenzilate	15.123	139	1488318	143.54	ppm		98
126)	3,3'-Dimethylbenzidine	15.685	212	989899	120.81	ppm		99
128)	Butylbenzylphthalate	15.781	149	1914509	128.28	ppm		99
129)	2-Acetylaminofluorene	16.252	181	882211	114.49	ppm		98
130)	3,3'-Dichlorobenzidine	16.819	252	726926	109.15	ppm		98
131)	Benzo[a]anthracene	16.819	228	2809772	120.60	ppm		100
132)	Chrysene	16.899	228	2647243	117.16	ppm		99
133)	bis(2-Ethylhexyl)phtha...	17.059	149	2578346	128.39	ppm		99
135)	Di-n-octylphthalate	18.359	149	3731552	158.23	ppm		100
136)	Benzo[b]fluoranthene	18.974	252	1839980	130.02	ppm		99
137)	Benzo[k]fluoranthene	19.017	252	1681579	123.50	ppm		100
138)	7,12-Dimethylbenz(a)an...	18.958	256	909693	197.60	ppm	#	100
140)	Benzo[a]pyrene	19.536	252	1485946	123.33	ppm		99
141)	3-Methylcholanthrene	20.210	268	661544	124.06	ppm		98
142)	Indeno[1,2,3-cd]pyrene	21.809	276	816434	98.82	ppm		99
143)	Dibenz[a,h]anthracene	21.852	278	691862	101.26	ppm		99
144)	Benzo[g,h,i]perylene	22.424	276	580882	90.18	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:27:30 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration

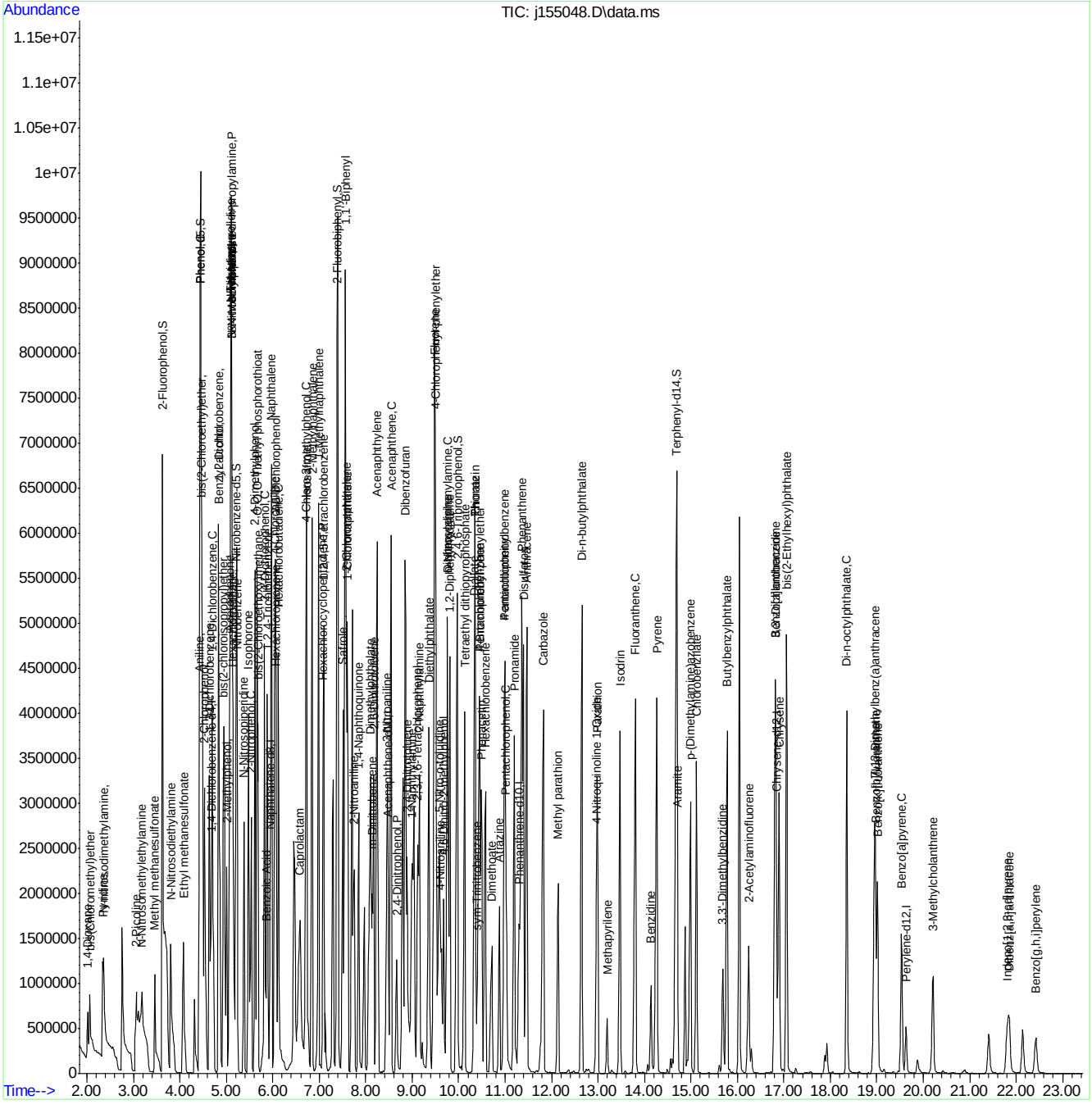
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

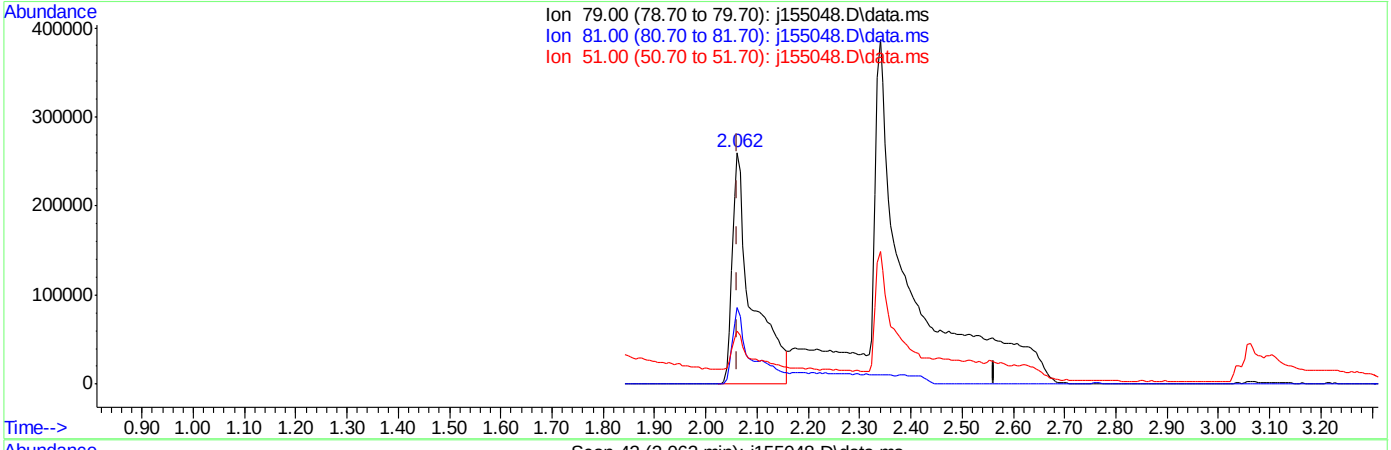
Quant Time: Sep 05 14:27:30 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration

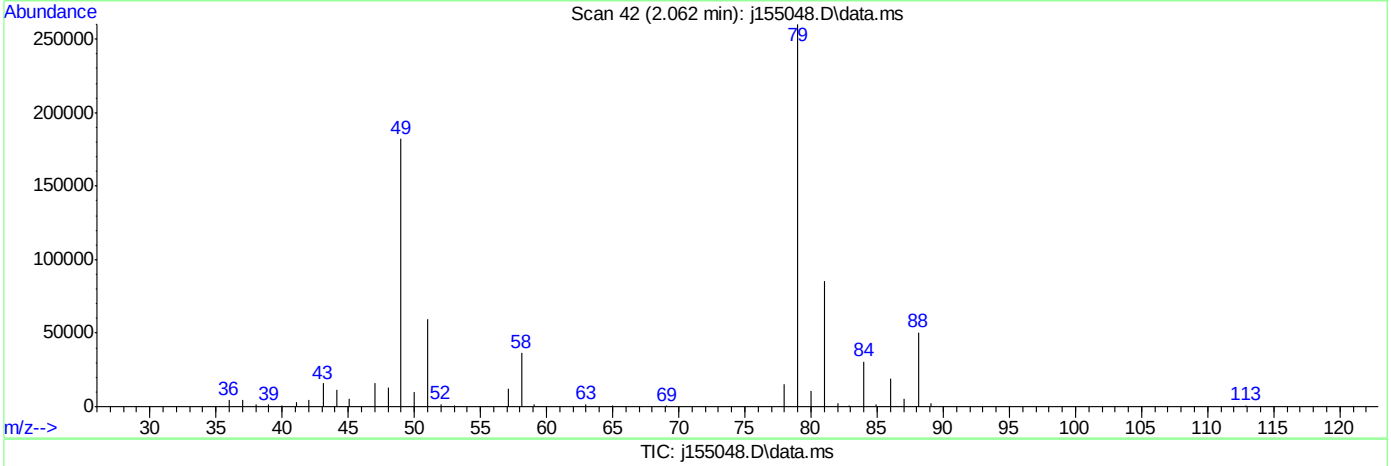


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(2) bis(Chloromethyl)ether

2.062min (-0.000) 90.09ppm

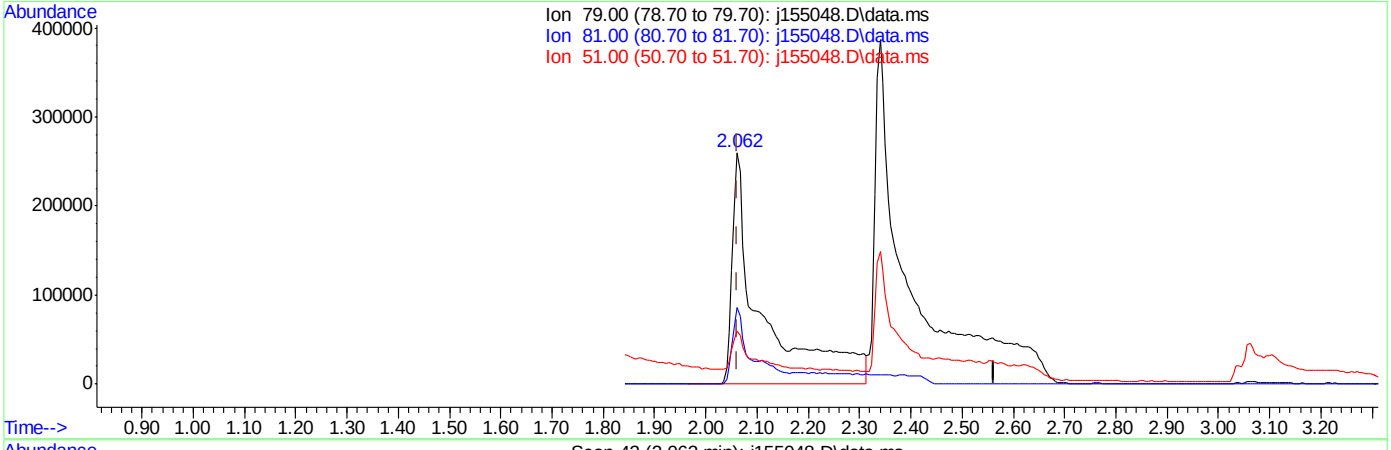
response 696398

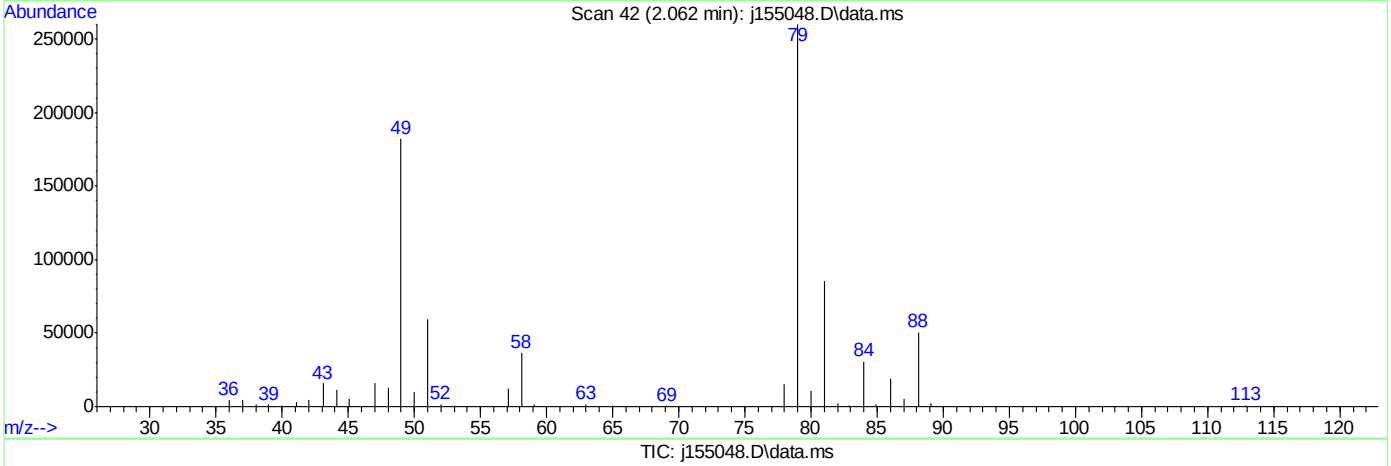
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	23.82
51.00	4.40	14.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(2) bis(Chloromethyl)ether

2.062min (-0.000) 134.51ppm m

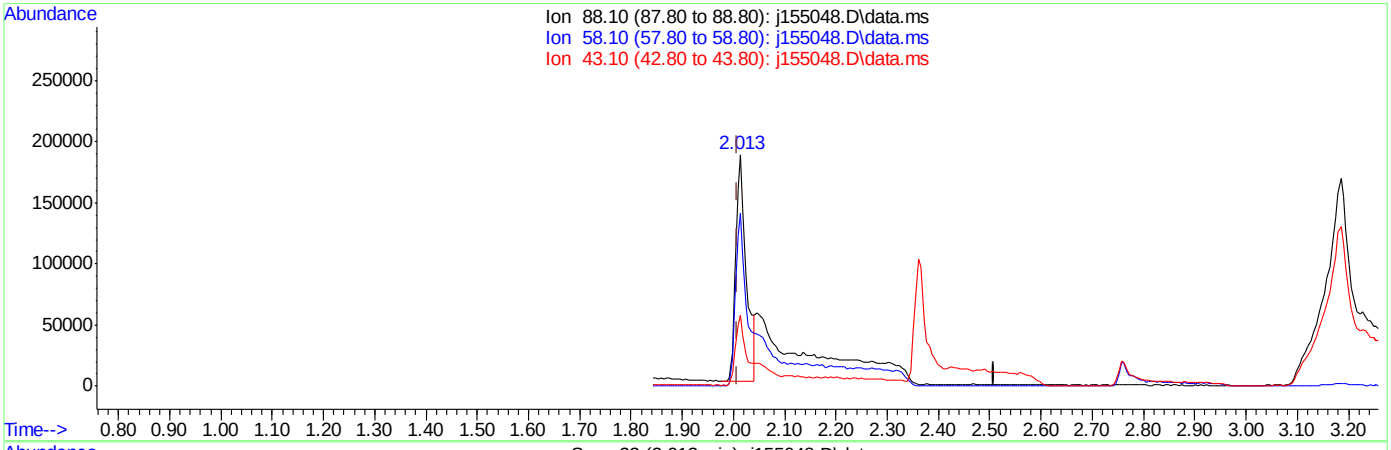
response 1039802

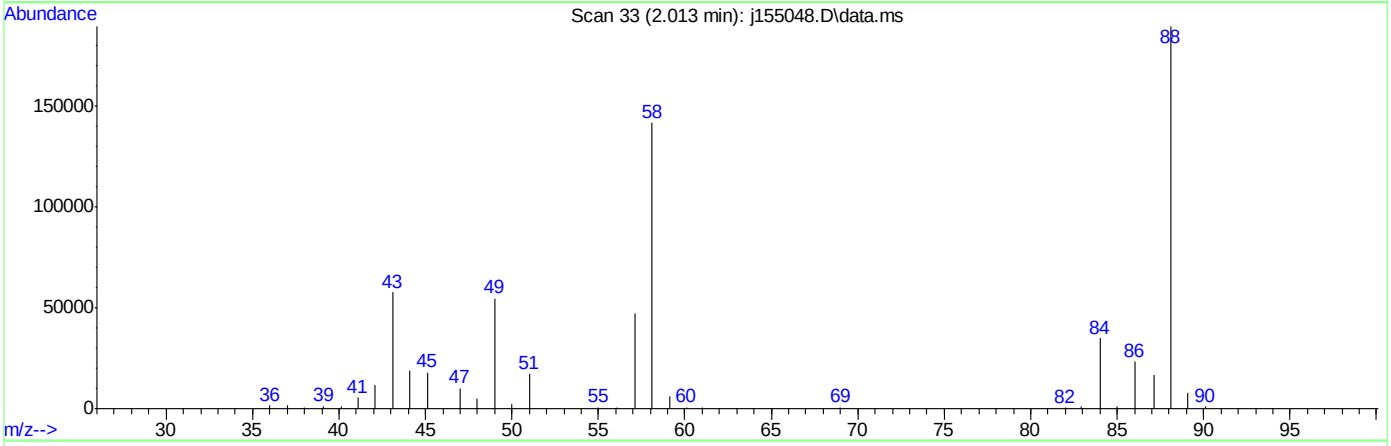
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	15.95
51.00	4.40	9.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





(3) 1,4-Dioxane

2.013min (+0.005) 46.66ppm

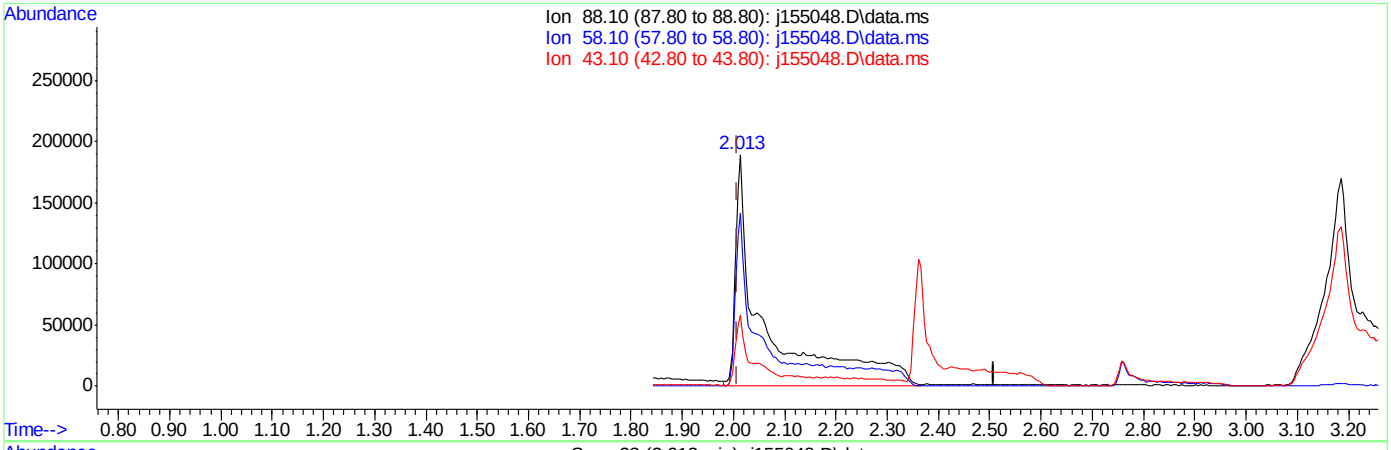
response 273976

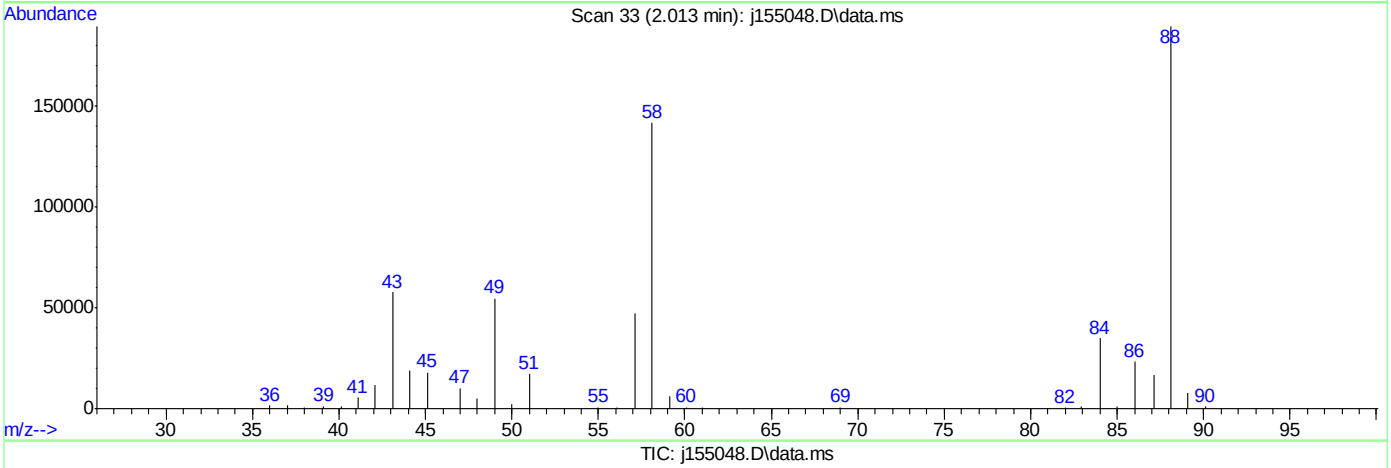
Ion	Exp%	Act%
88.10	100	100
58.10	18.60	118.52#
43.10	6.60	46.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(3) 1,4-Dioxane

2.013min (+0.005) 147.19ppm m

response 747469

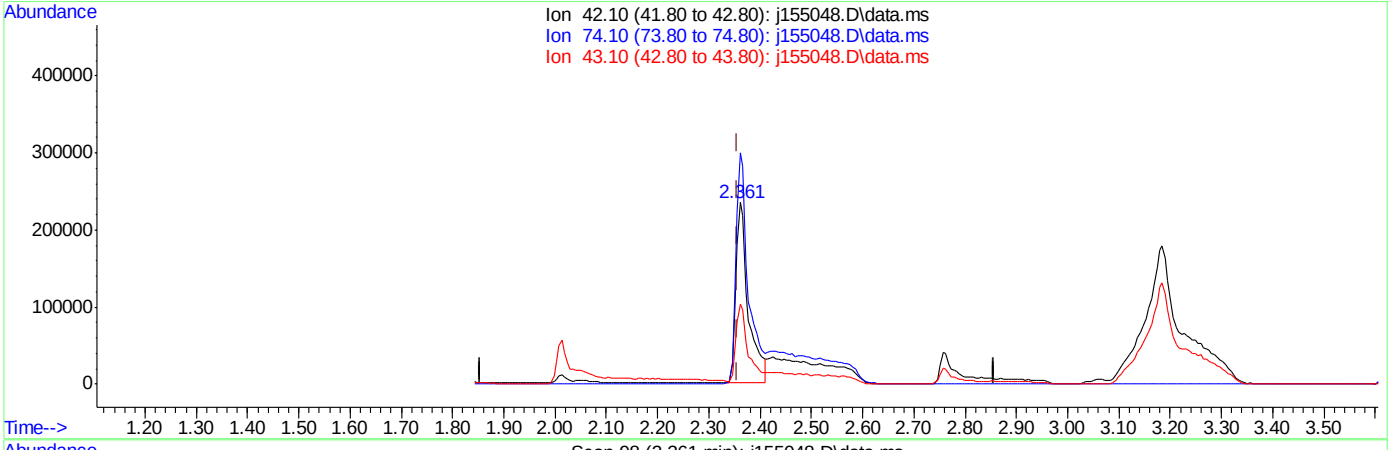
Ion	Exp%	Act%
88.10	100	100
58.10	18.60	43.44
43.10	6.60	16.92
0.00	0.00	0.00

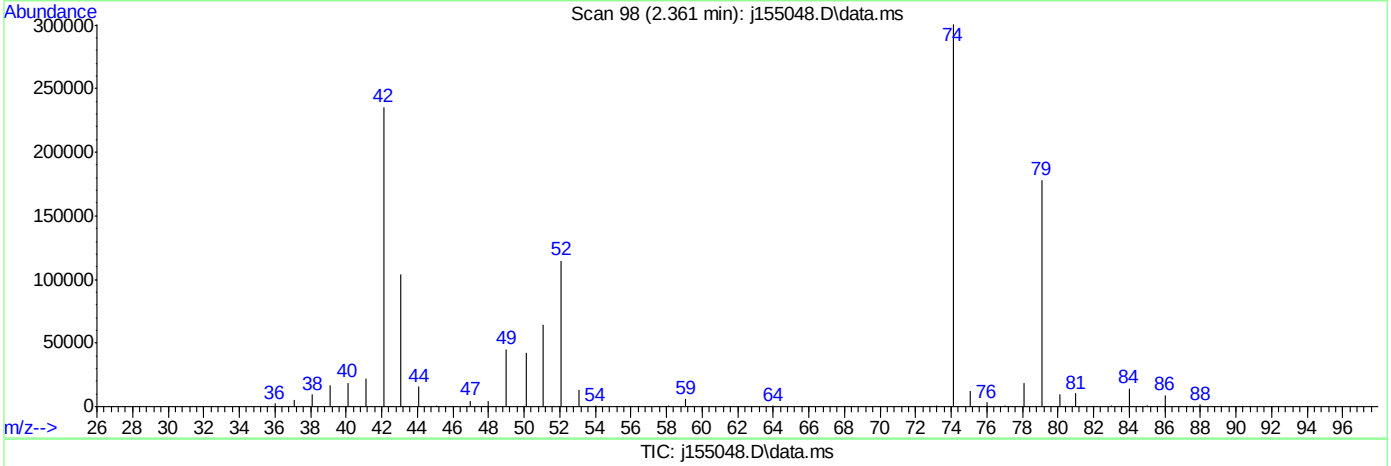
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(4) N-nitrosodimethylamine ( )

2.361min (+0.005) 81.39ppm

response 391904

Ion	Exp%	Act%
42.10	100	100
74.10	86.10	133.11#
43.10	24.30	41.48
0.00	0.00	0.00

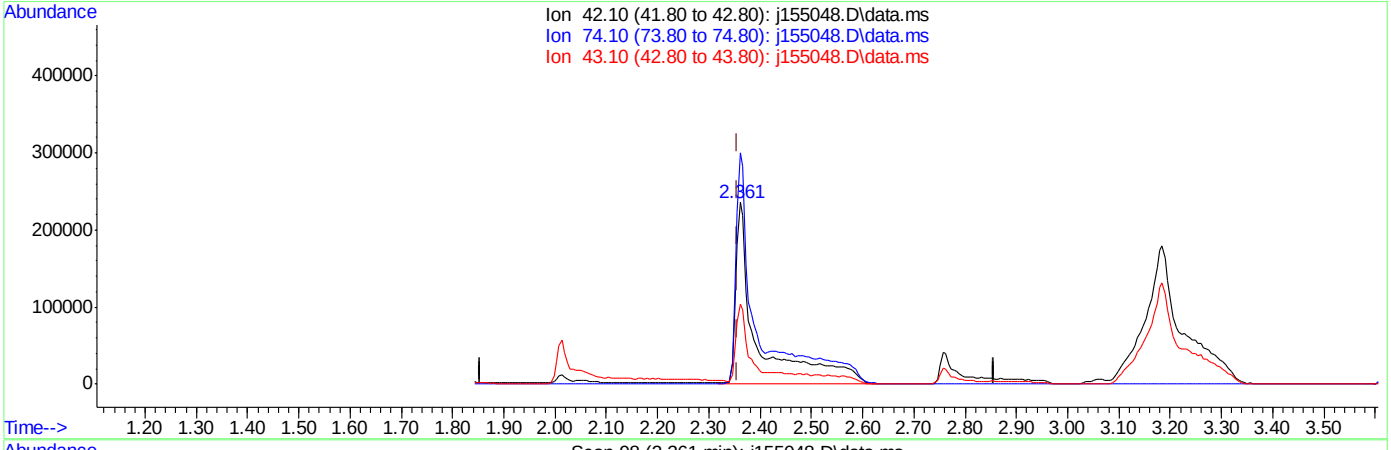
8.6.6.5

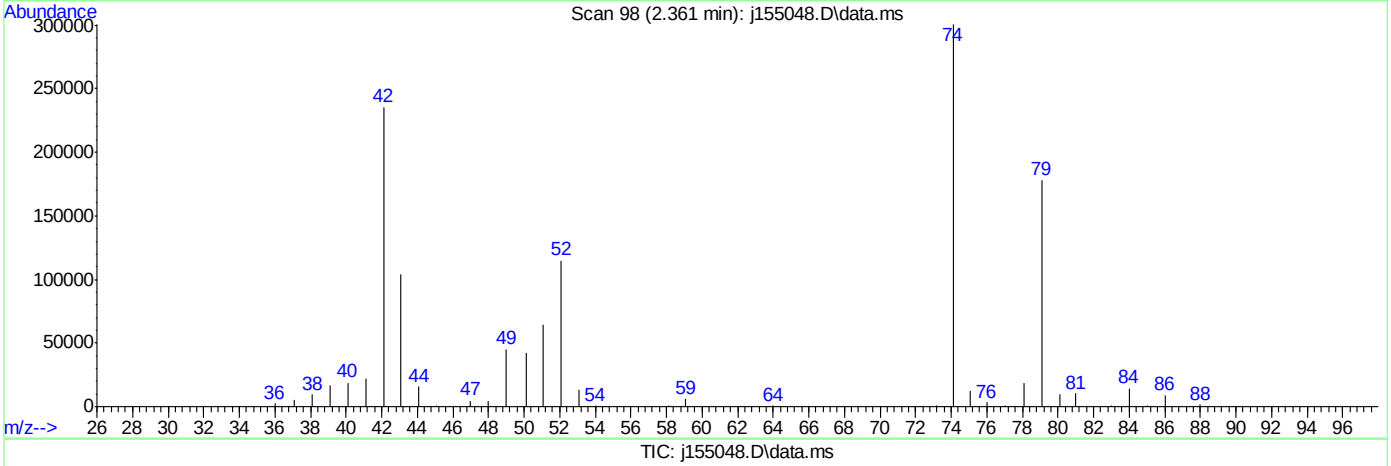
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(4) N-nitrosodimethylamine ( )

2.361min (+0.005) 145.79ppm m

response 691002

Ion	Exp%	Act%
42.10	100	100
74.10	86.10	75.50
43.10	24.30	23.53
0.00	0.00	0.00

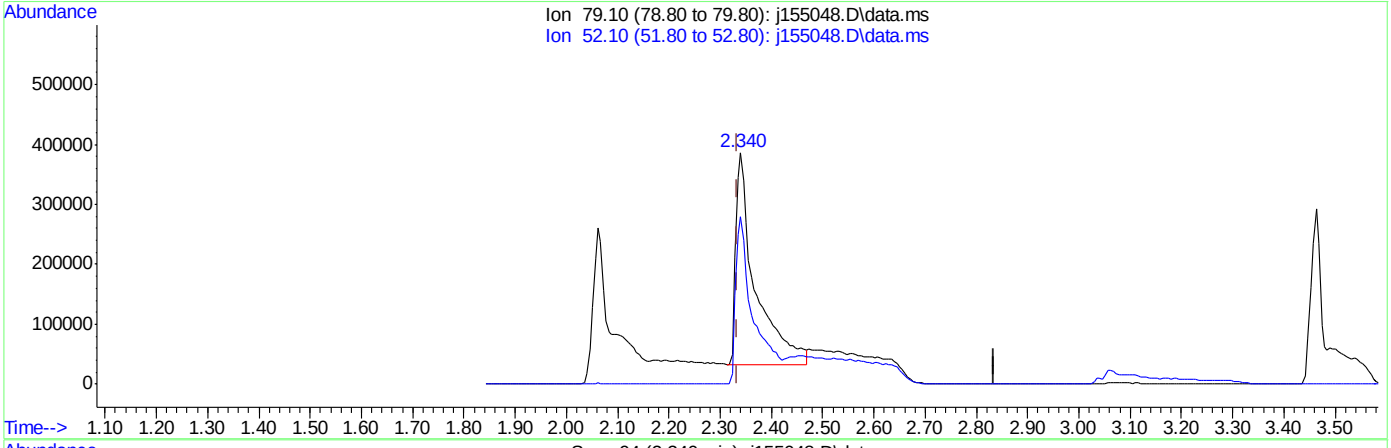
8.6.6.6

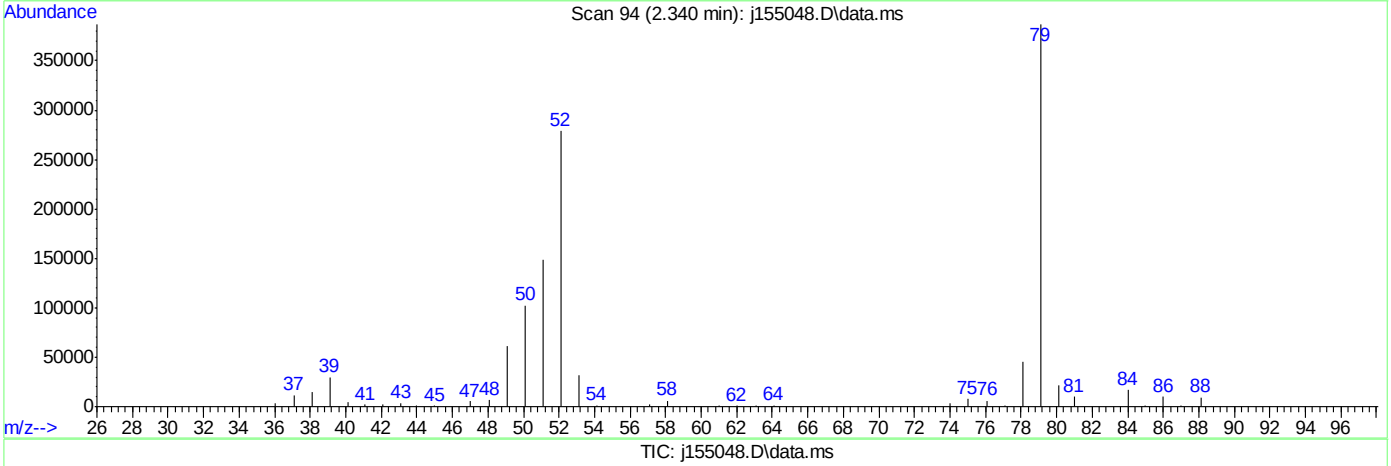
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(5) Pyridine ( )

2.340min (+0.006) 75.84ppm

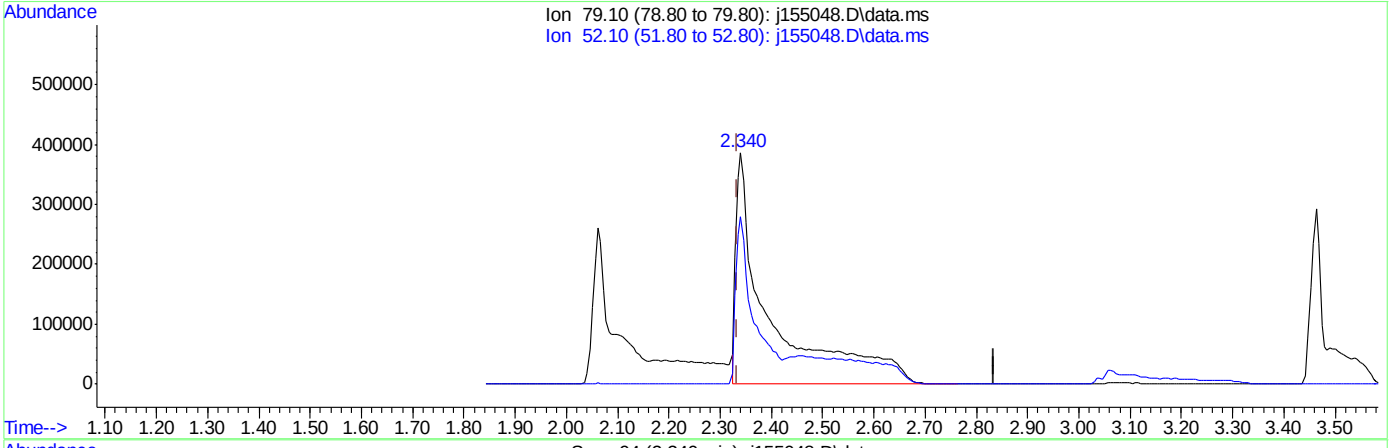
response 932720

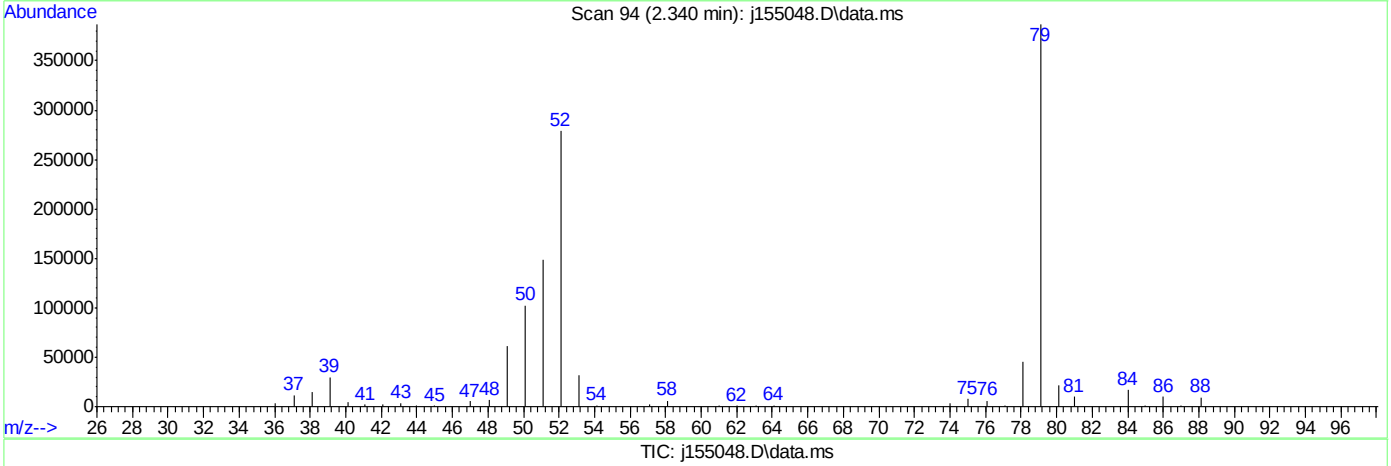
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	73.28#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(5) Pyridine ( )

2.340min (+0.006) 143.80ppm m

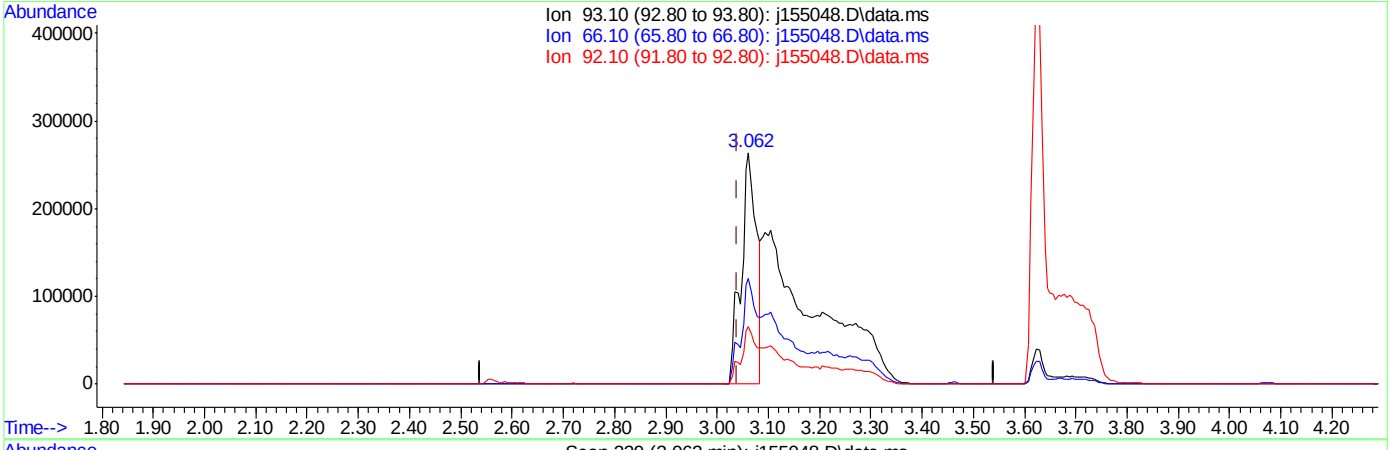
response 1768579

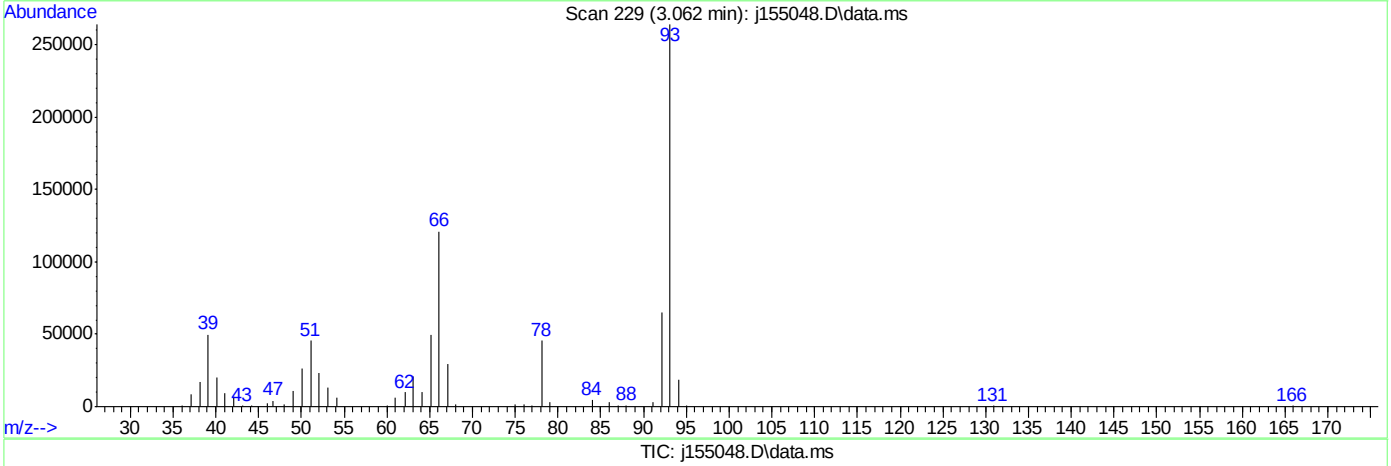
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	38.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(6) 2-Picoline

3.062min (+0.022) 43.80ppm

response 561086

Ion	Exp%	Act%
93.10	100	100
66.10	36.30	46.10#
92.10	7.10	24.75#
0.00	0.00	0.00

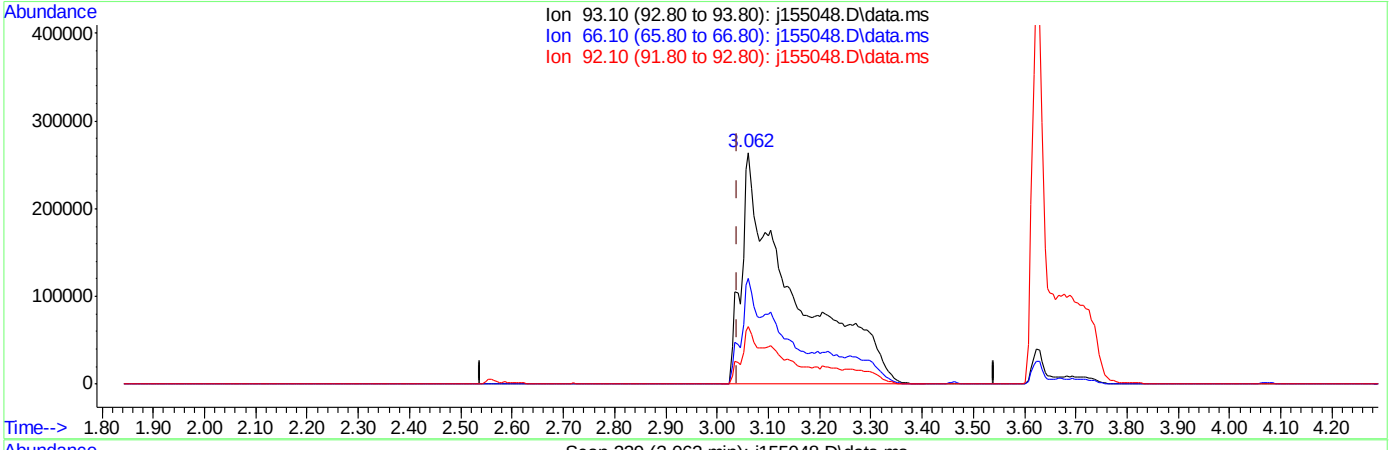
8.6.6.9

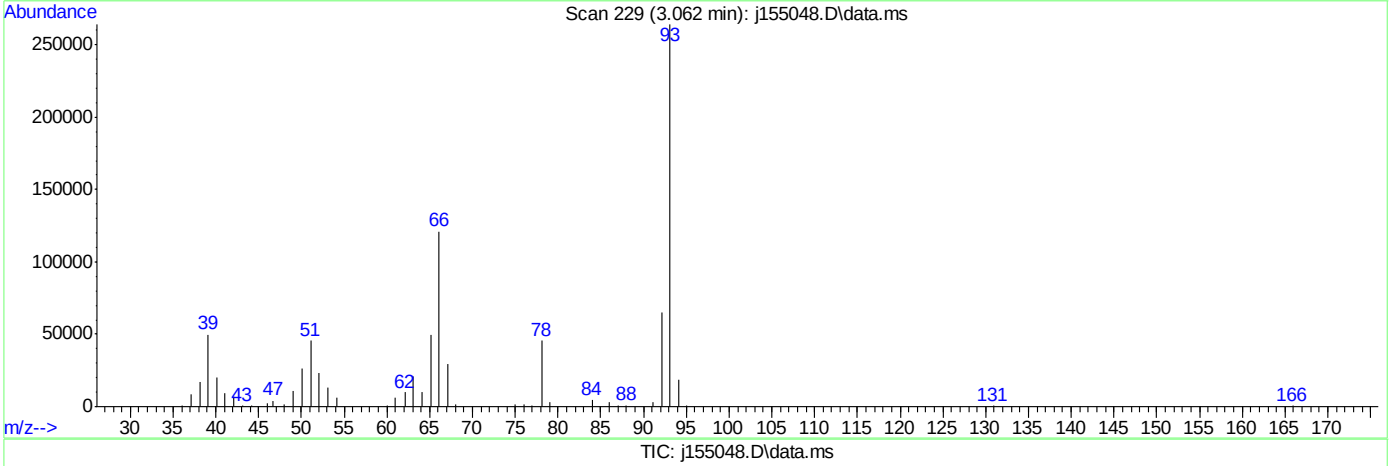
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(6) 2-Picoline

3.062min (+0.022) 144.40ppm m

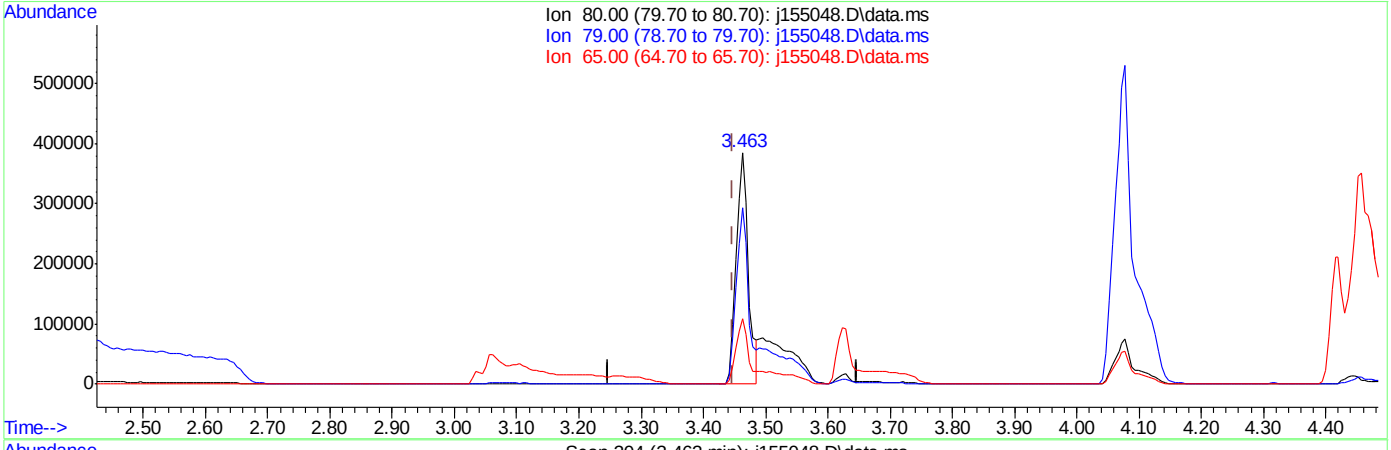
response 1849978

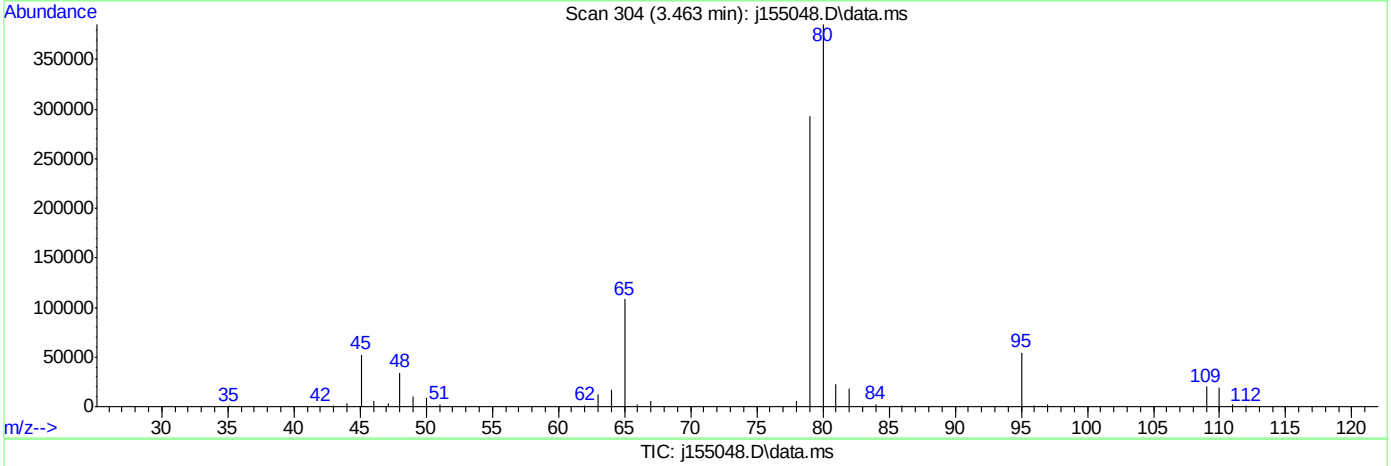
Ion	Exp%	Act%
93.10	100	100
66.10	36.30	13.98#
92.10	7.10	7.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(8) Methyl methanesulfonate

3.463min (+0.016) 89.08ppm

response 513711

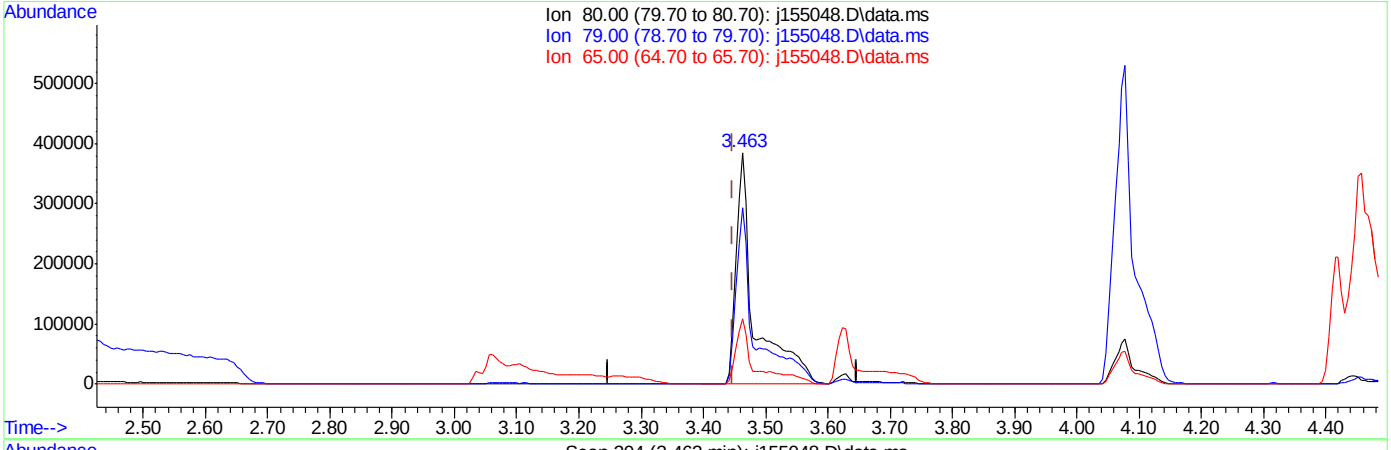
Ion	Exp%	Act%
80.00	100	100
79.00	77.60	76.80
65.00	28.30	28.18
0.00	0.00	0.00

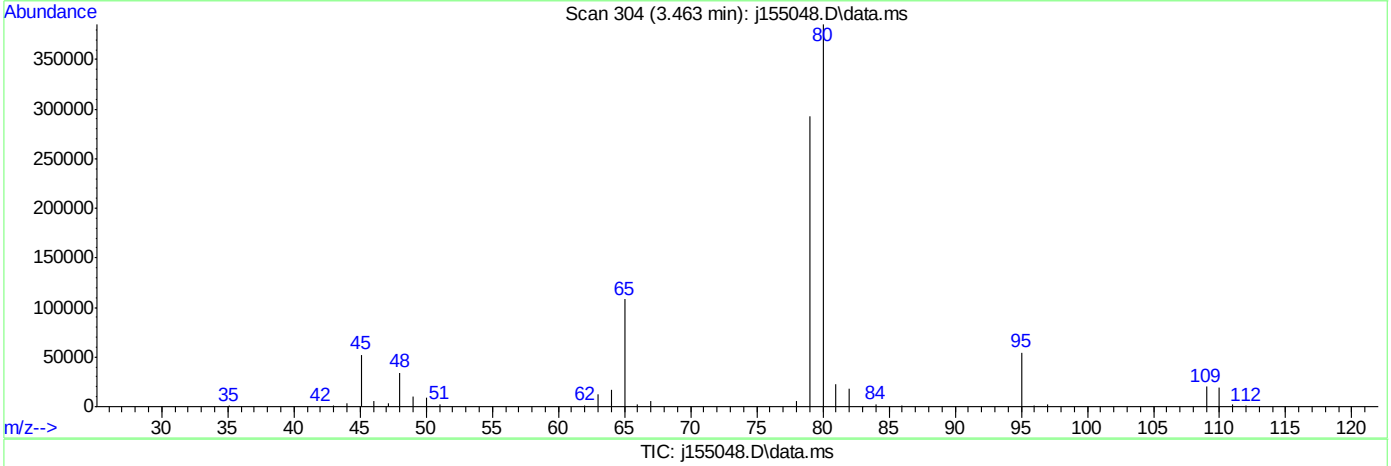
8.6.6.11
8
ACCUTEST LABORATORIES
T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:18:42 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(8) Methyl methanesulfonate

3.463min (+0.016) 140.10ppm m

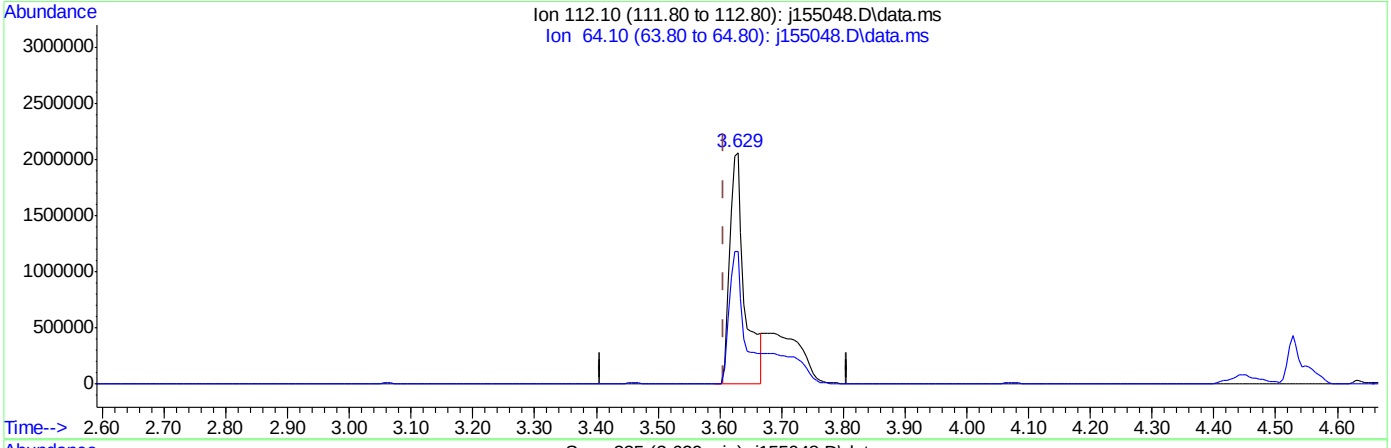
response 807948

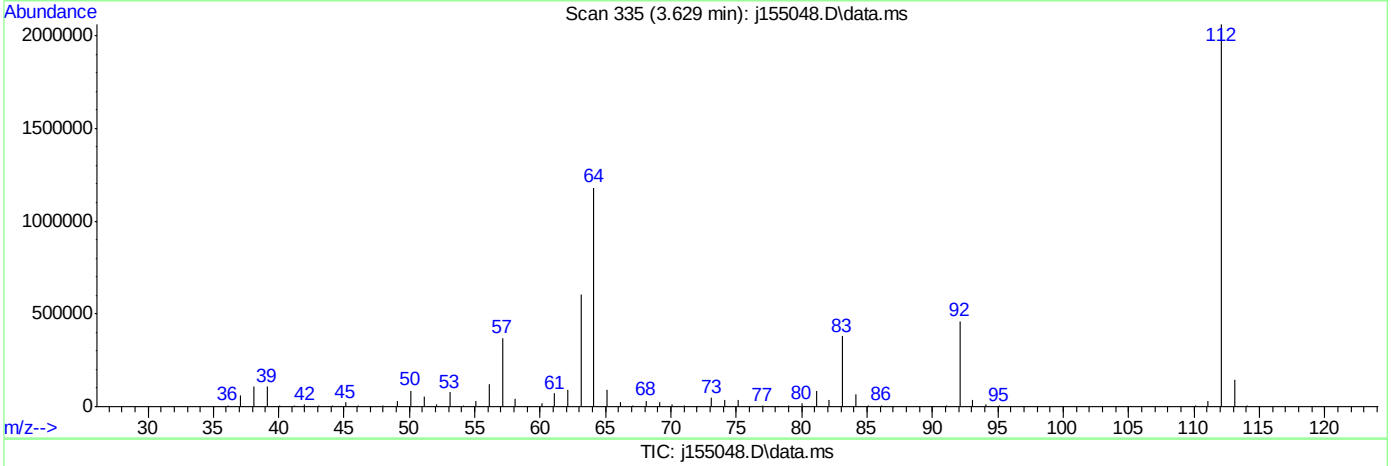
Ion	Exp%	Act%
80.00	100	100
79.00	77.60	48.83#
65.00	28.30	17.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
```





TIC: j155048.D\data.ms

(13) 2-Fluorophenol (S)

3.629min (+0.022) 355.00ppm

response 3556817

Ion	Exp%	Act%
112.10	100	100
64.10	59.90	59.69
0.00	0.00	0.00
0.00	0.00	0.00

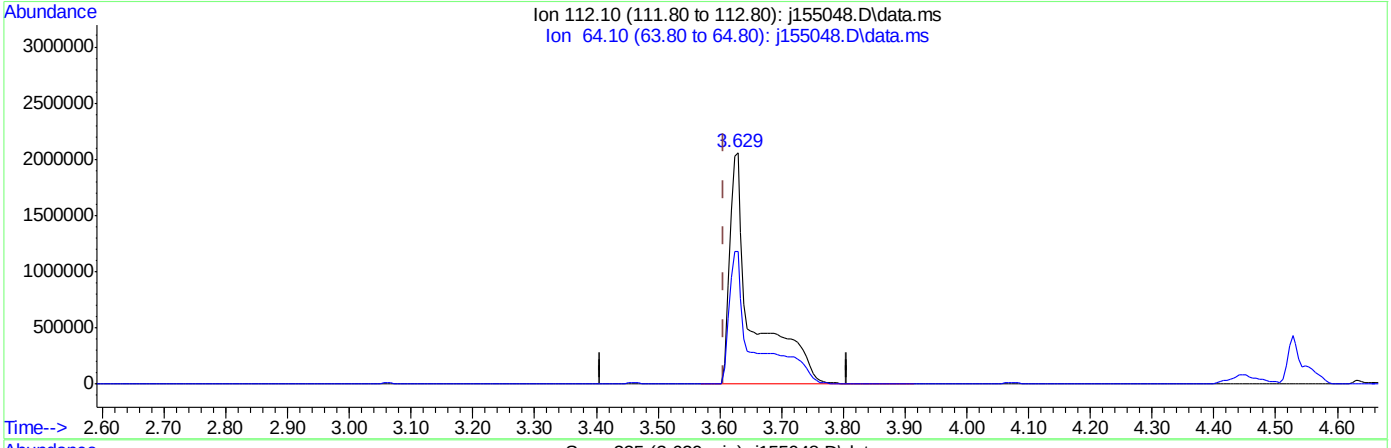
8.6.6.13

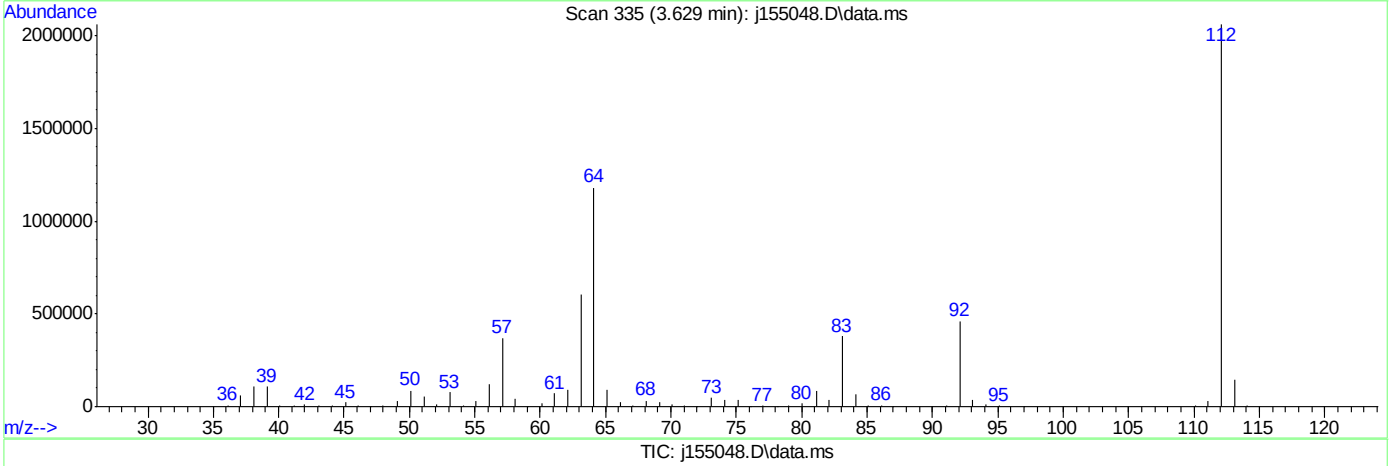
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
```





TIC: j155048.D\data.ms

(13) 2-Fluorophenol (S)

3.629min (+0.022) 548.92ppm m

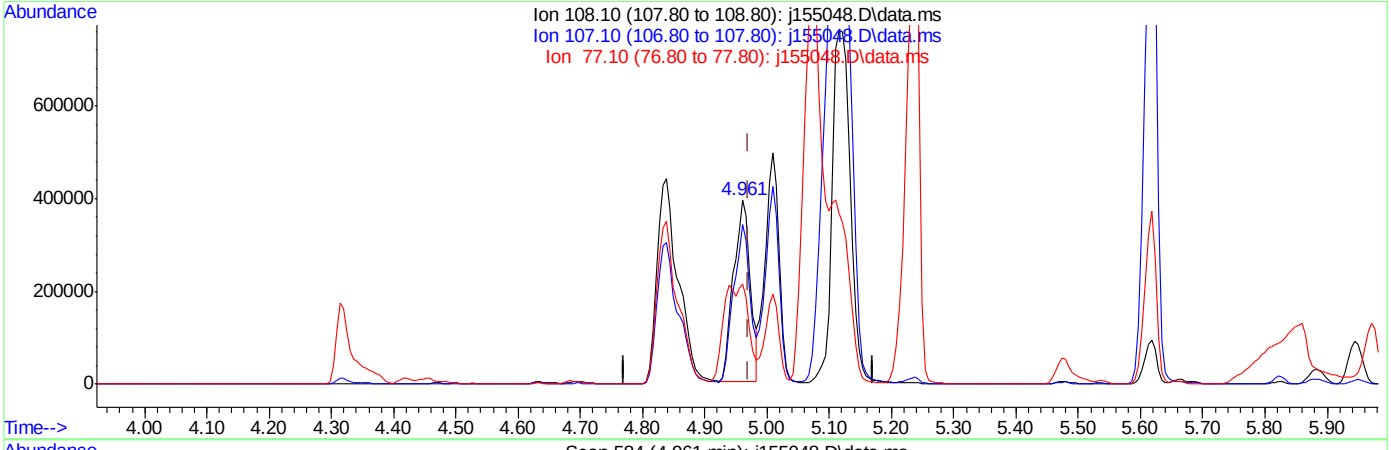
response 5499675

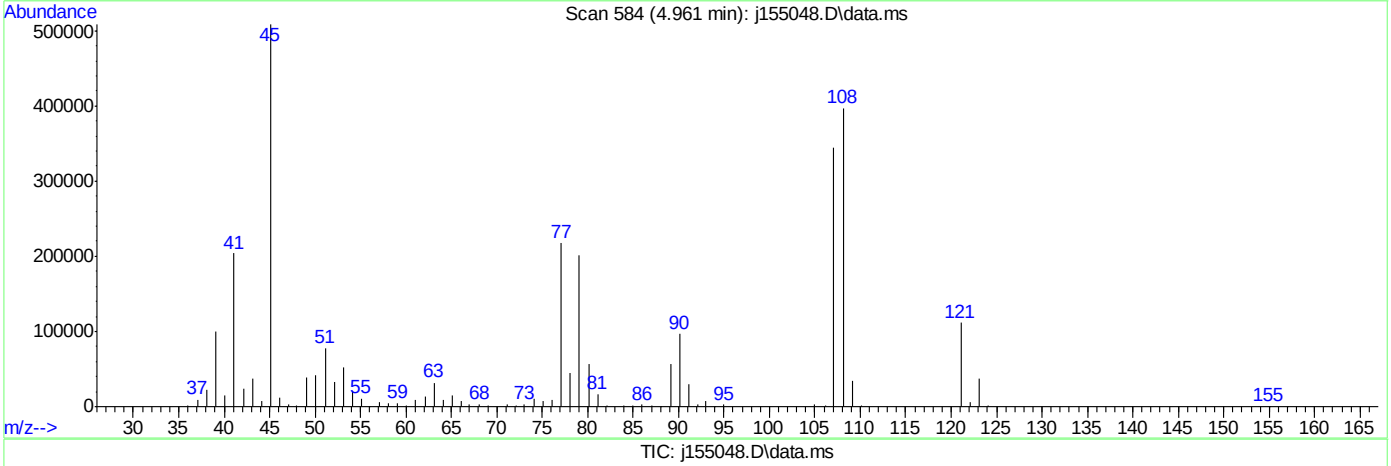
Ion	Exp%	Act%
112.10	100	100
64.10	59.90	38.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
```





TIC: j155048.D\data.ms

(23) 2-Methylphenol ( )

4.961min (-0.010) 67.99ppm

response 722917

Ion	Exp%	Act%
108.10	100	100
107.10	51.60	86.19#
77.10	24.30	42.98
0.00	0.00	0.00

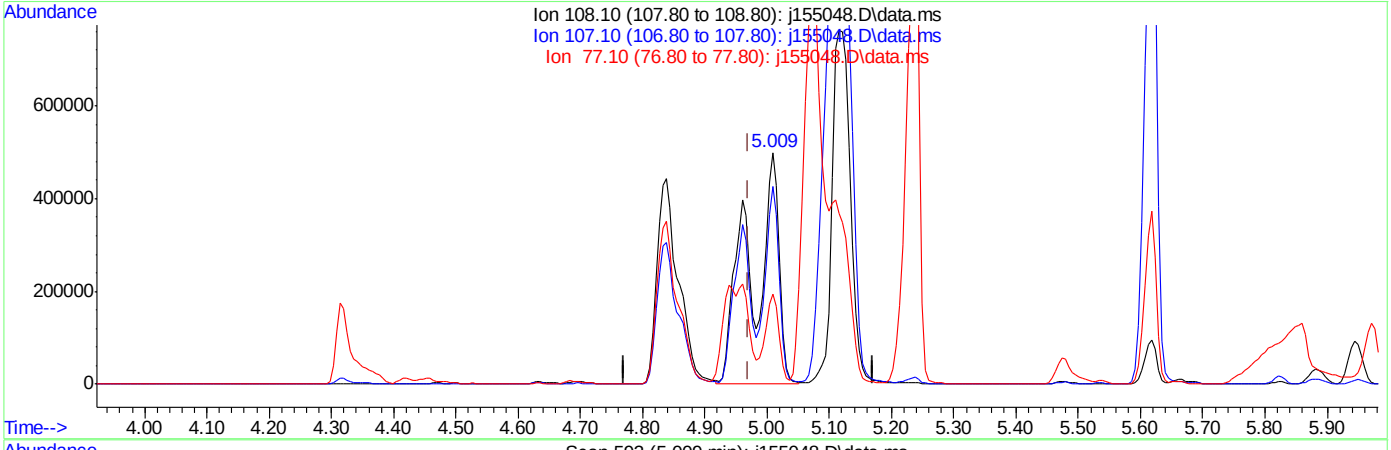
8.6.6.15

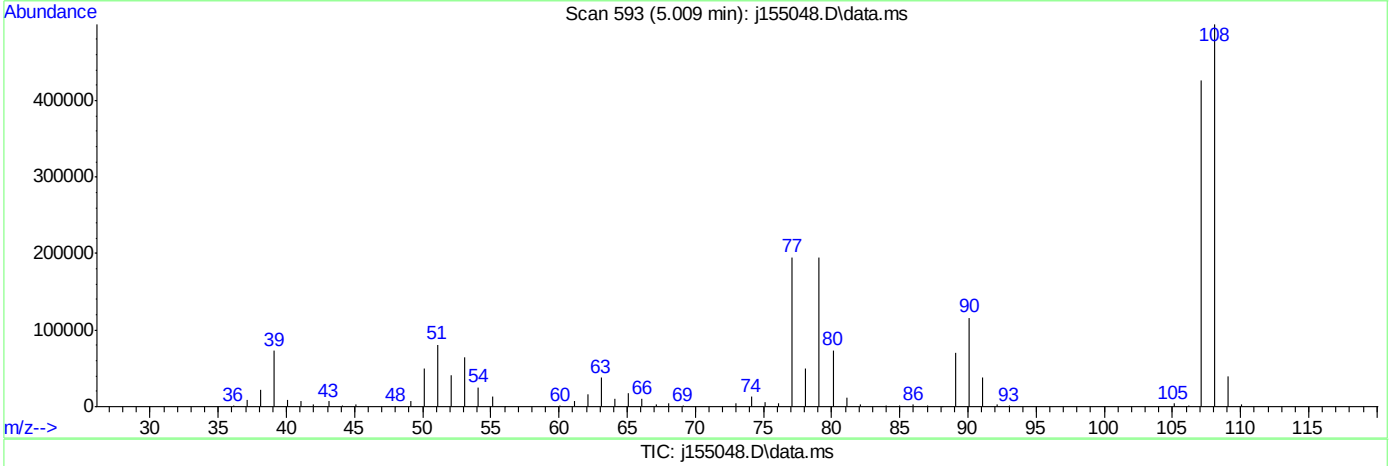
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(23) 2-Methylphenol ( )

5.009min (+0.038) 143.59ppm m

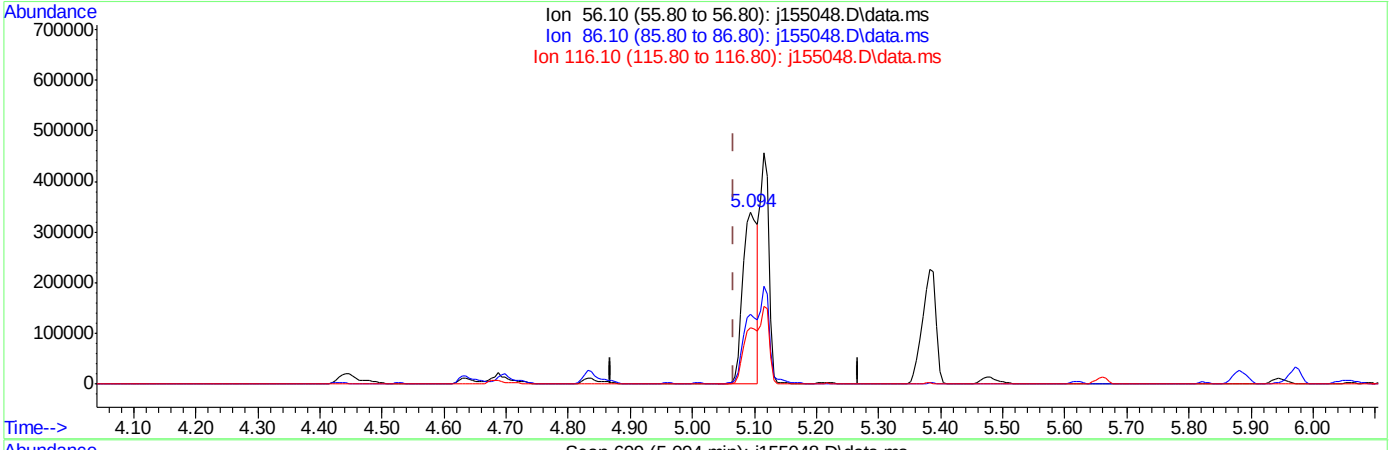
response 1526697

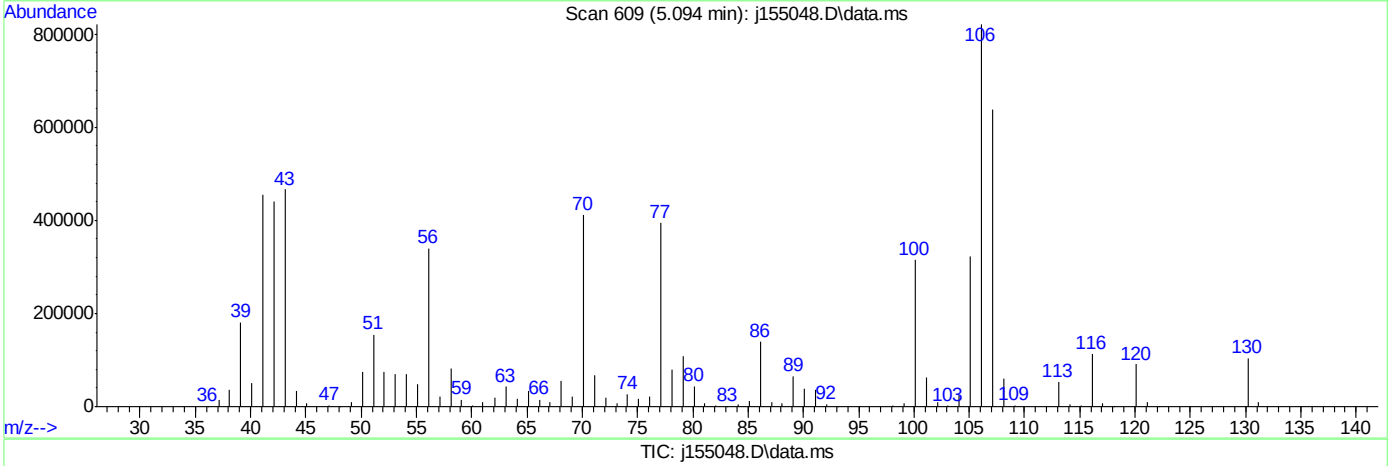
Ion	Exp%	Act%
108.10	100	100
107.10	51.60	40.81
77.10	24.30	20.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(25) N-Nitrosomorpholine

5.094min (+0.026) 69.00ppm

response 563765

Ion	Exp%	Act%
56.10	100	100
86.10	39.60	41.06
116.10	32.30	0.00#
0.00	0.00	0.00

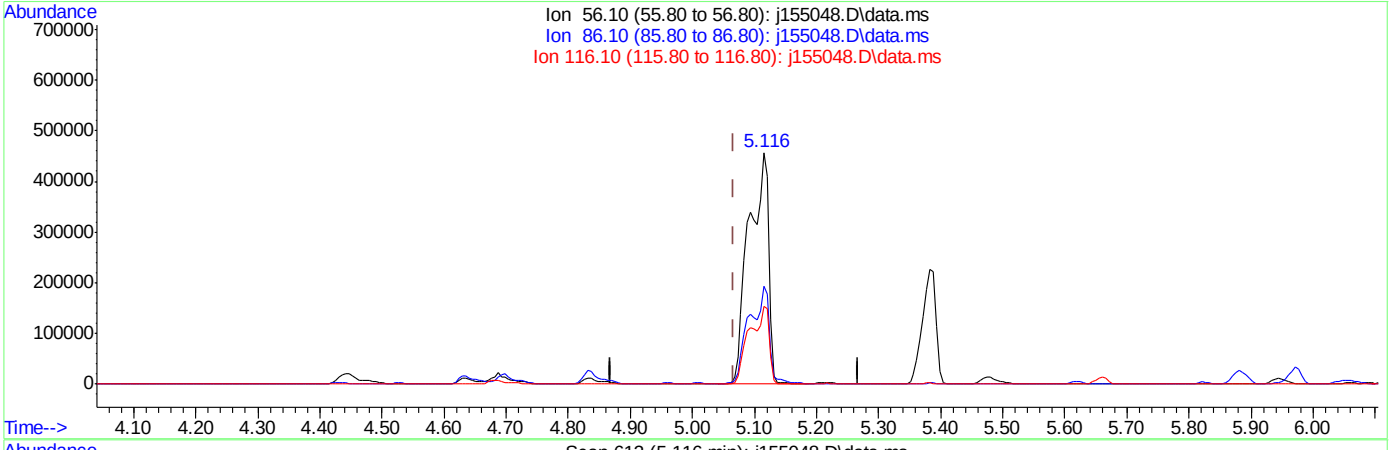
8.6.17

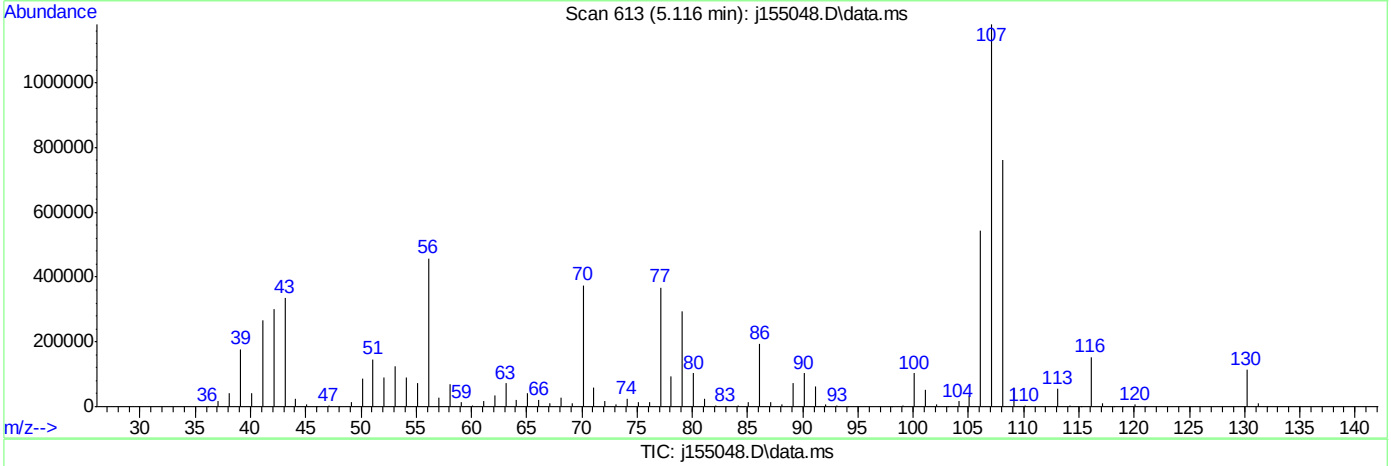
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(25) N-Nitrosomorpholine

5.116min (+0.048) 123.66ppm m

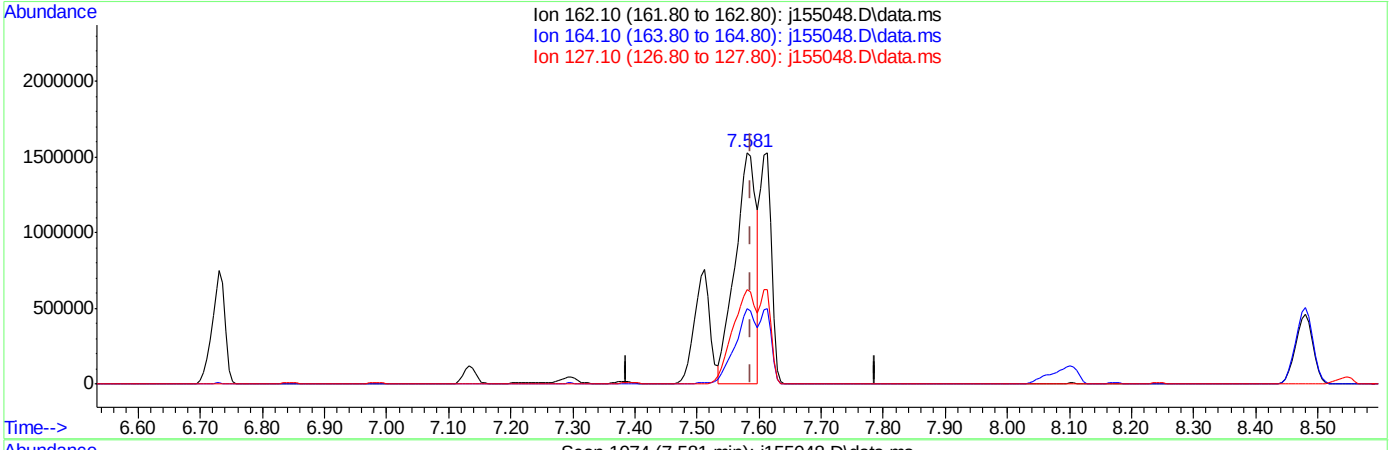
response 1010325

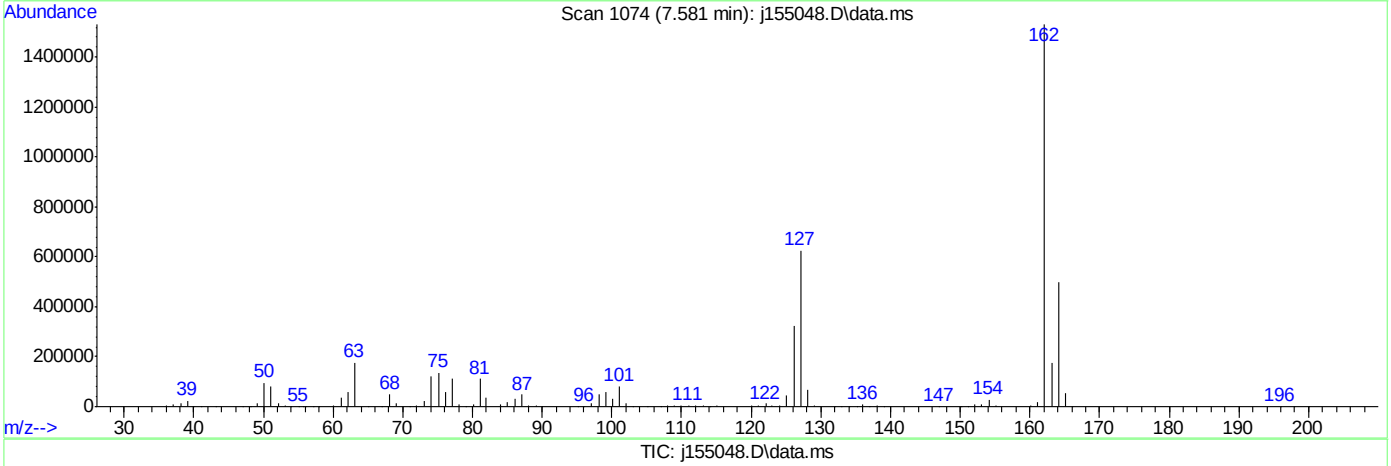
Ion	Exp%	Act%
56.10	100	100
86.10	39.60	22.91#
116.10	32.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On : 5 Sep 2010 1:56 pm
Operator : sheilac
Sample : ic921-125
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration





TIC: j155048.D\data.ms

(65) 1-Chloronaphthalene

7.581min (-0.006) 177.75ppm

response 3649016

Ion	Exp%	Act%
162.10	100	100
164.10	32.70	31.83
127.10	38.70	45.49
0.00	0.00	0.00

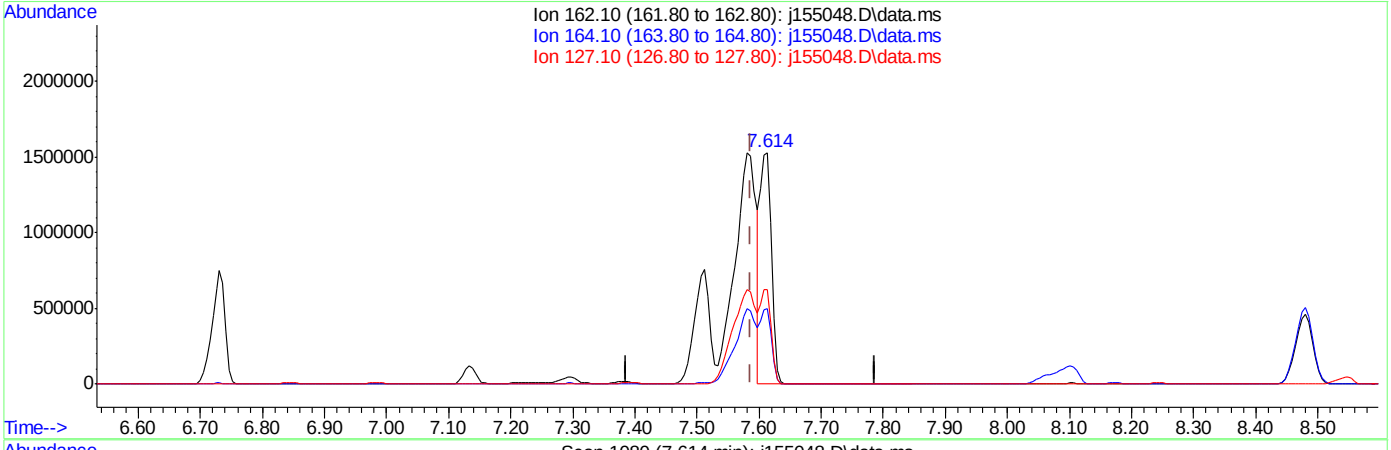
8.6.6.19

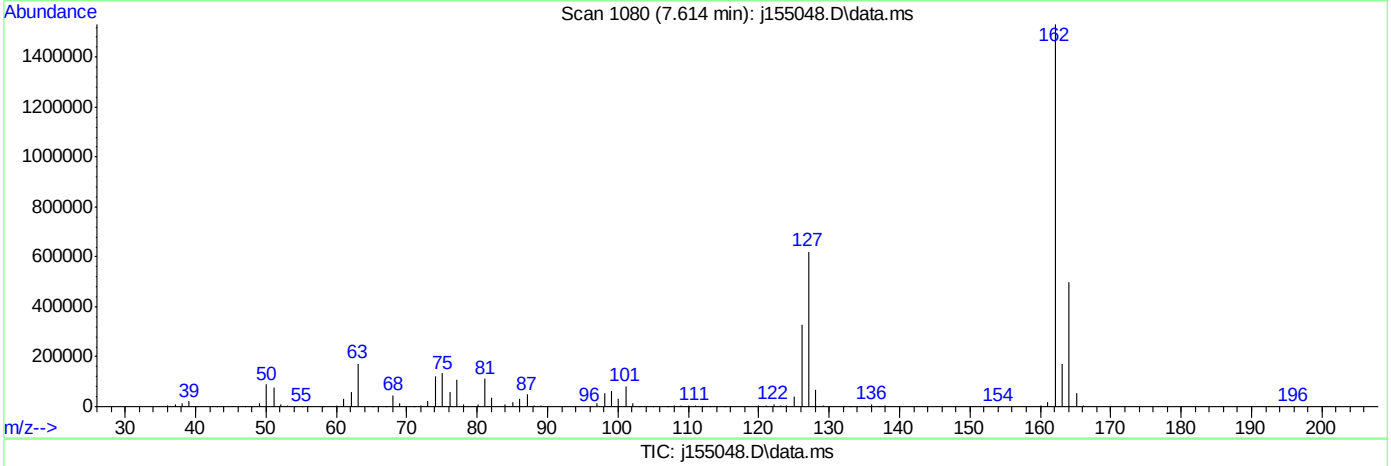
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:20:11 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
```





TIC: j155048.D\data.ms

(65) 1-Chloronaphthalene

7.614min (+0.027) 93.27ppm m

response 1914685

Ion	Exp%	Act%
162.10	100	100
164.10	32.70	60.66#
127.10	38.70	86.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:21:50 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
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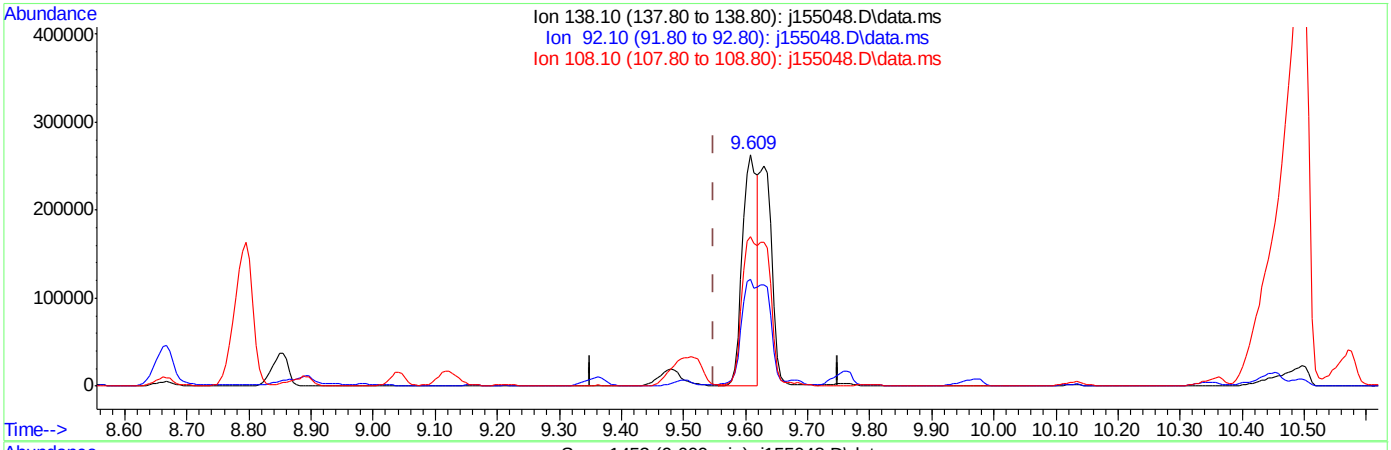
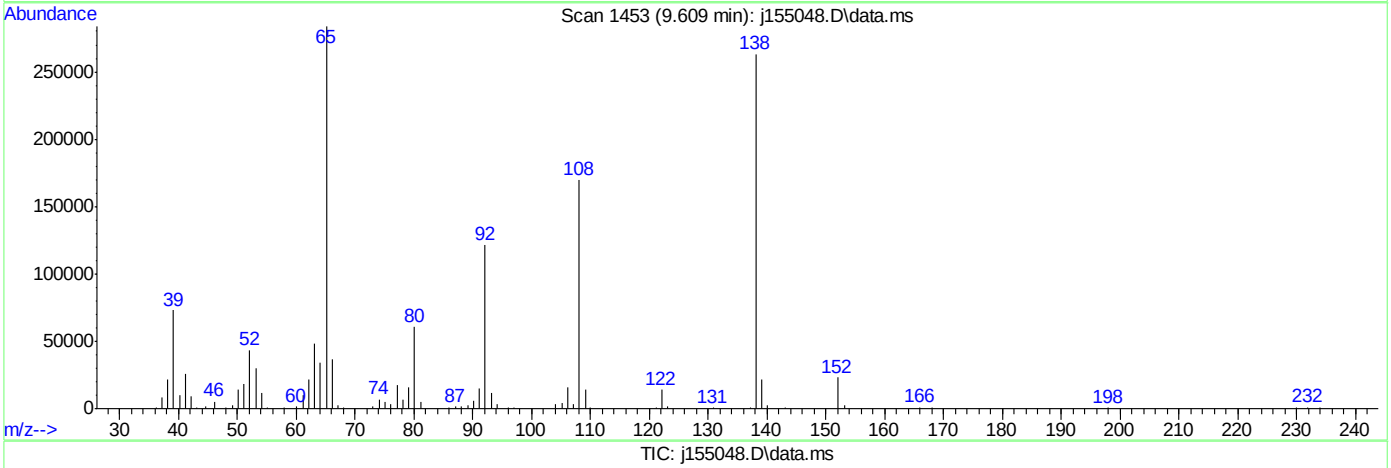




TIC: j155048.D\data.ms

(87) 4-Nitroaniline

9.609min (+0.059) 73.71ppm

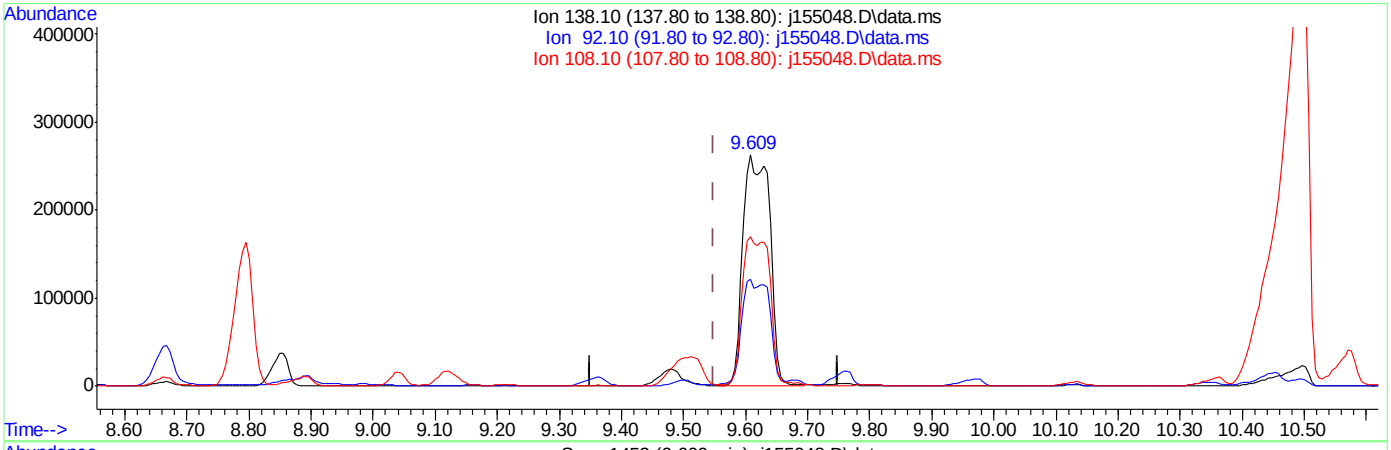
response 443751

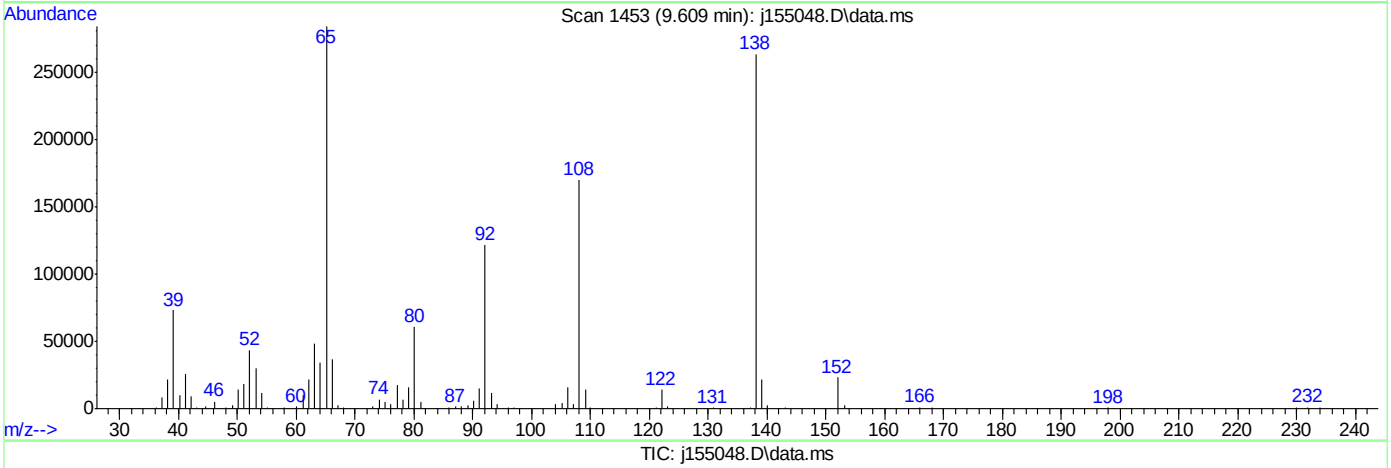
Ion	Exp%	Act%
138.10	100	100
92.10	45.20	48.97
108.10	61.80	66.89
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155048.D
Acq On    :  5 Sep 2010   1:56 pm
Operator  : sheilac
Sample    : ic921-125
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 10   Sample Multiplier: 1

Quant Time: Sep 05 14:21:50 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:11:35 2010
Response via : Initial Calibration
```





TIC: j155048.D\data.ms

(87) 4-Nitroaniline

9.609min (+0.059) 130.87ppm m

response 787884

Ion	Exp%	Act%
138.10	100	100
92.10	45.20	27.58
108.10	61.80	37.67
0.00	0.00	0.00

J155049.D

Manual Integrations APPROVED (compounds with "m" flag)

Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:56:23 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.677	152	341710	40.00	ppm	0.00
31) Naphthalene-d8	5.945	136	1400616	40.00	ppm	0.01
57) Acenaphthene-d10	8.474	164	967174	40.00	ppm	0.01
88) Phenanthrene-d10	11.299	188	1671674	40.00	ppm	0.02
118) Chrysene-d12	16.845	240	1227110	40.00	ppm	0.02
134) Perylene-d12	19.632	264	582979	40.00	ppm	0.00
System Monitoring Compounds						
13) 2-Fluorophenol	3.618	112	3828825m	369.20	ppm	0.01
Spiked Amount 100.000	Range 23 - 110		Recovery = 369.20%#			
15) Phenol-d5	4.436	99	4589948	363.13	ppm	0.01
Spiked Amount 100.000	Range 23 - 114		Recovery = 363.13%#			
32) Nitrobenzene-d5	5.212	82	2207472	175.97	ppm	0.02
Spiked Amount 50.000	Range 36 - 126		Recovery = 351.94%#			
61) 2-Fluorobiphenyl	7.394	172	4066403	160.83	ppm	0.02
Spiked Amount 50.000	Range 34 - 132		Recovery = 321.66%#			
93) 2,4,6-Tribromophenol	9.961	330	973072	367.30	ppm	0.03
Spiked Amount 100.000	Range 33 - 138		Recovery = 367.30%#			
121) Terphenyl-d14	14.690	244	4143888	176.26	ppm	0.02
Spiked Amount 50.000	Range 46 - 136		Recovery = 352.52%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.056	79	706672m	88.63	ppm	
3) 1,4-Dioxane	2.008	88	519725m	90.44	ppm	
4) N-nitrosodimethylamine	2.356	42	489763m	90.65	ppm	
5) Pyridine	2.334	79	1258217m	97.99	ppm	
6) 2-Picoline	3.051	93	1256706m	93.89	ppm	
7) N-Nitrosomethylethylamine	3.179	42	643316	92.60	ppm	# 86
8) Methyl methanesulfonate	3.457	80	555910m	92.78	ppm	
9) N-Nitrosodiethylamine	3.800	102	595418	92.68	ppm	97
10) Ethyl methanesulfonate	4.067	79	841867	93.77	ppm	99
11) Benzaldehyde	4.313	106	261057	74.42	ppm	99
12) Aniline	4.415	93	1093265	84.67	ppm	94
14) bis(2-Chloroethyl)ether	4.463	93	1477486	97.32	ppm	# 57
16) Phenol	4.442	94	1408869	91.24	ppm	94
17) 2-Chlorophenol	4.522	128	1090465	94.11	ppm	99
18) 1,3-Dichlorobenzene	4.629	146	1177662	89.99	ppm	99
19) 1,4-Dichlorobenzene	4.693	146	1241941	90.64	ppm	99
20) 1,2-Dichlorobenzene	4.832	146	1100265	88.39	ppm	100
21) Benzyl alcohol	4.827	108	740123	95.37	ppm	99
22) bis(2-chloroisopropyl)...	4.934	45	1922322	90.53	ppm	98
23) 2-Methylphenol	4.993	108	1041647m	93.87	ppm	
24) N-Nitrosopyrrolidine	5.073	100	596952	90.89	ppm	# 22
25) N-Nitrosomorpholine	5.094	56	727619	87.60	ppm	99
26) o-Toluidine	5.094	106	1779025	90.10	ppm	# 99
27) Acetophenone	5.062	105	1446408	89.26	ppm	# 99
28) Hexachloroethane	5.142	117	462966	93.46	ppm	98
29) N-Nitroso-di-n-propyla...	5.089	70	772300	85.29	ppm	98
30) 3&4-Methylphenol	5.110	108	1105019	92.04	ppm	# 98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:56:23 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.228	77	1144122	87.74	ppm		100
34) N-Nitrosopiperidine	5.372	42	818468	90.09	ppm		99
36) Isophorone	5.469	82	2309524	88.23	ppm		99
37) 2-Nitrophenol	5.533	139	574942	99.01	ppm		98
38) 2,4-Dimethylphenol	5.608	107	1105389	91.32	ppm		99
39) bis(2-Chloroethoxy)met...	5.677	93	1650325	87.88	ppm		100
40) O,O,O-Triethyl phospho...	5.656	121	514552	88.02	ppm		99
41) Benzoic Acid	5.827	105	591400	101.82	ppm		95
42) 2,4-Dichlorophenol	5.816	162	817746	93.52	ppm		99
43) 1,2,4-Trichlorobenzene	5.880	180	925958	86.60	ppm		100
44) Naphthalene	5.966	128	3158542	86.50	ppm		100
45) 4-Chloroaniline	6.035	127	1278263	93.63	ppm		98
46) 2,6-Dichlorophenol	6.057	162	778725	89.70	ppm		98
47) Hexachloropropene	6.073	213	444261	107.67	ppm		99
48) Hexachlorobutadiene	6.121	225	470692	84.73	ppm		99
50) Caprolactam	6.554	113	398413	76.44	ppm		97
51) N-Nitrosodi-n-butylamine	6.453	84	841687	91.61	ppm		98
52) 4-Chloro-3-methylphenol	6.704	107	958185	95.95	ppm		100
53) Isosafrole	6.725	162	813374	86.50	ppm		97
54) 2-Methylnaphthalene	6.843	142	2115562	86.51	ppm		99
55) 1-Methylnaphthalene	6.982	142	2058110	85.61	ppm		99
56) 1,2,4,5-Tetrachloroben...	7.089	216	802478	84.99	ppm		100
58) Hexachlorocyclopentadiene	7.084	237	220088	151.84	ppm		99
59) 2,4,6-Trichlorophenol	7.282	196	581177	92.86	ppm		100
60) 2,4,5-Trichlorophenol	7.373	196	535675	94.80	ppm		100
62) Safrole	7.496	162	885233	86.71	ppm		99
63) 1,1'-Biphenyl	7.549	154	2446294	82.73	ppm		100
64) 2-Chloronaphthalene	7.571	162	2514669	88.34	ppm		99
65) 1-Chloronaphthalene	7.603	162	1462664	75.37	ppm		99
66) 2-Nitroaniline	7.742	65	809435	94.36	ppm		99
67) 1,4-Naphthoquinone	7.843	158	773781	86.91	ppm		98
68) Acenaphthylene	8.234	152	3314802	84.67	ppm		100
69) Dimethylphthalate	8.084	163	2513428	87.04	ppm		100
70) m-Dinitrobenzene	8.116	168	414700	93.84	ppm	#	26
71) 2,6-Dinitrotoluene	8.159	165	598338	89.09	ppm		78
72) Acenaphthene	8.539	153	2100943	83.63	ppm		100
73) 3-Nitroaniline	8.442	138	599692	97.78	ppm		98
74) 2,4-Dinitrophenol	8.646	184	282899	128.97	ppm		97
75) Dibenzofuran	8.844	168	2857379	85.36	ppm		99
76) Pentachlorobenzene	10.443	250	612415	86.45	ppm		100
77) 2,4-Dinitrotoluene	8.876	165	760829	93.24	ppm	#	62
78) 4-Nitrophenol	8.908	109	214808	108.84	ppm	#	80
79) 1-Naphthylamine	8.988	143	1524021	110.86	ppm		98
80) 2-Naphthylamine	9.143	143	1364965	111.64	ppm		99
81) 2,3,4,6-Tetrachlorophenol	9.111	232	493610	108.63	ppm		98
82) Fluorene	9.469	166	2344239	83.62	ppm		100
83) 4-Chlorophenyl-phenyle...	9.496	204	1029285	81.20	ppm		98
84) Diethylphthalate	9.346	149	2601789	87.06	ppm		100
85) 5-Nitro-o-toluidine	9.560	152	765083	95.82	ppm		91
86) Thionazin	10.347	97	377938	90.45	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:56:23 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
87)	4-Nitroaniline	9.592	138	589259	98.38	ppm		95
89)	4,6-Dinitro-2-methylph...	9.657	198	429501	112.60	ppm		97
90)	n-Nitrosodiphenylamine	9.747	169	2107390	83.95	ppm		100
91)	1,2-Diphenylhydrazine	9.801	77	2745107	84.91	ppm		99
92)	Diphenylamine	9.747	169	2107390	83.95	ppm		100
94)	Tetraethyl dithiopyrop...	10.117	97	447483	85.41	ppm		95
95)	sym-Trinitrobenzene	10.389	213	285239	103.69	ppm	#	1
96)	Diallate	10.336	43	1183371	80.06	ppm		99
97)	Phorate	10.347	75	1868844	73.24	ppm	#	90
98)	4-Bromophenyl-phenylether	10.443	248	626825	81.91	ppm		99
99)	Phenacetin	10.475	108	1285613	91.40	ppm		97
100)	Hexachlorobenzene	10.566	284	666689	79.94	ppm		98
101)	Dimethoate	10.694	87	737035	69.09	ppm		99
102)	Atrazine	10.871	200	380630	64.06	ppm		98
103)	4-aminobiphenyl	10.978	169	2170779	89.75	ppm		98
104)	Pentachlorophenol	11.010	266	273643	94.64	ppm		96
105)	Pentachloronitrobenzene	11.004	237	284480	85.20	ppm		98
106)	Pronamide	11.192	173	1173075	84.73	ppm		99
107)	Phenanthrene	11.352	178	3377380	81.68	ppm		99
108)	Anthracene	11.459	178	3479553	84.09	ppm		99
109)	Disulfoton	11.389	88	1773333	84.61	ppm		97
110)	Carbazole	11.817	167	3261831	86.01	ppm		99
111)	Methyl parathion	12.138	109	675267	73.61	ppm		99
112)	Di-n-butylphthalate	12.646	149	4728566	83.71	ppm		100
113)	4-Nitroquinoline 1-Oxide	12.962	190	235434	133.25	ppm		99
114)	Parathion	12.983	97	585667	87.67	ppm		98
115)	Methapyrilene	13.192	58	409803	80.11	ppm		99
116)	Isodrin	13.470	193	434610	82.14	ppm		97
117)	Fluoranthene	13.802	202	3624803	83.07	ppm		100
119)	Benzidine	14.139	184	866227	94.06	ppm		100
120)	Pyrene	14.262	202	3774374	90.98	ppm		100
122)	Aramite	14.706	185	224249	88.84	ppm		97
123)	p-(Dimethylamine)azobe...	14.989	120	1243557	95.76	ppm		99
124)	Chlorobenzilate	15.123	139	1350432	94.88	ppm		98
126)	3,3'-Dimethylbenzidine	15.690	212	965208	88.43	ppm		99
128)	Butylbenzylphthalate	15.781	149	1852219	92.24	ppm		100
129)	2-Acetylaminofluorene	16.246	181	859498	84.45	ppm		98
130)	3,3'-Dichlorobenzidine	16.824	252	704660	80.69	ppm		99
131)	Benzo[a]anthracene	16.813	228	2671769	86.11	ppm		100
132)	Chrysene	16.904	228	2570698	85.83	ppm		100
133)	bis(2-Ethylhexyl)phtha...	17.064	149	2486778	92.03	ppm		99
135)	Di-n-octylphthalate	18.359	149	3578141	106.06	ppm		100
136)	Benzo[b]fluoranthene	18.974	252	1776878	91.04	ppm		99
137)	Benzo[k]fluoranthene	19.017	252	1628148	87.46	ppm		99
138)	7,12-Dimethylbenz(a)an...	18.958	256	857719	124.00	ppm	#	100
140)	Benzo[a]pyrene	19.535	252	1445373	87.76	ppm		99
141)	3-Methylcholanthrene	20.209	268	646564	88.62	ppm		99
142)	Indeno[1,2,3-cd]pyrene	21.814	276	875667	80.16	ppm		100
143)	Dibenz[a,h]anthracene	21.857	278	741251	81.78	ppm		98
144)	Benzo[g,h,i]perylene	22.424	276	628413	74.68	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:56:23 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
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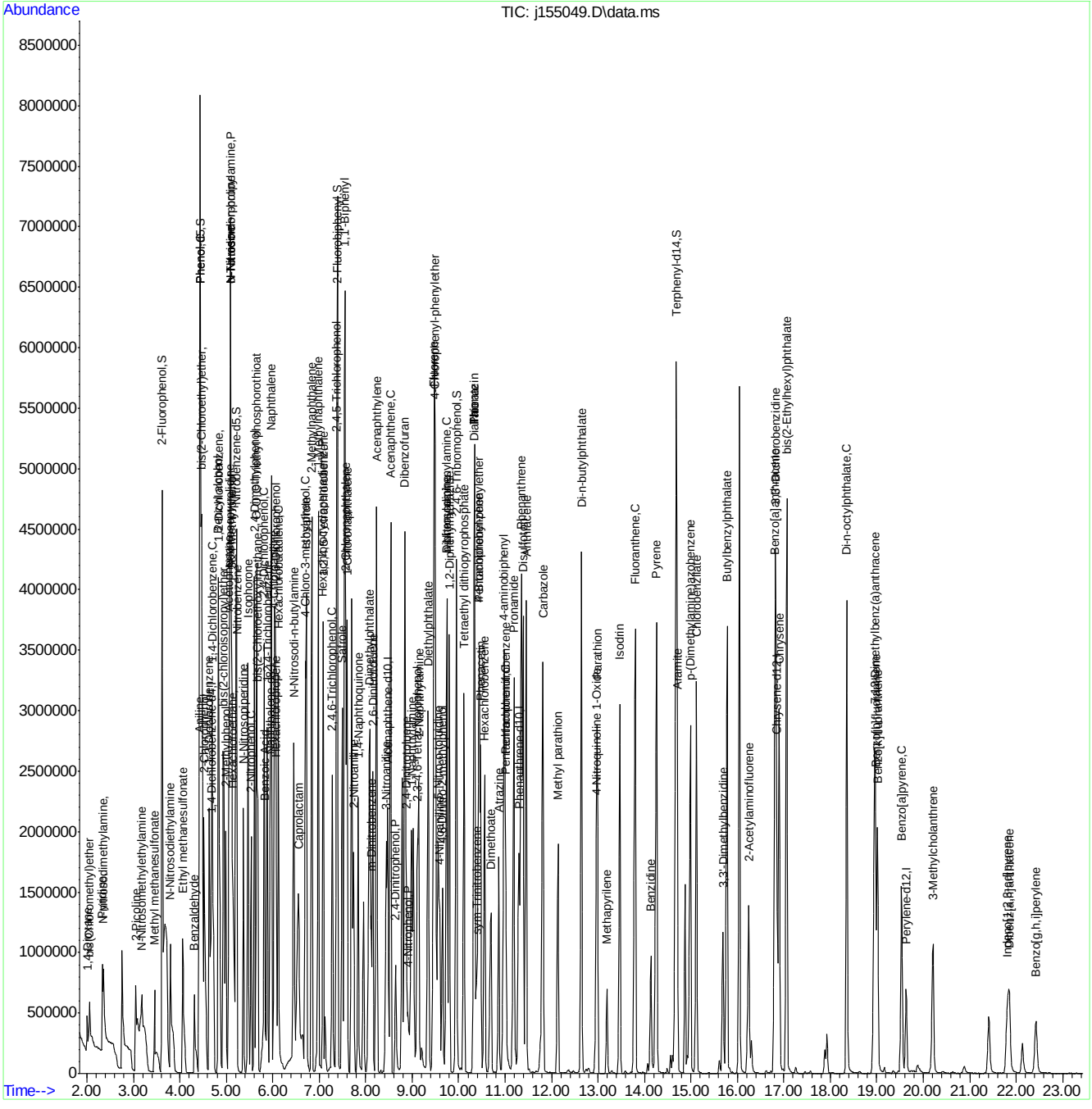
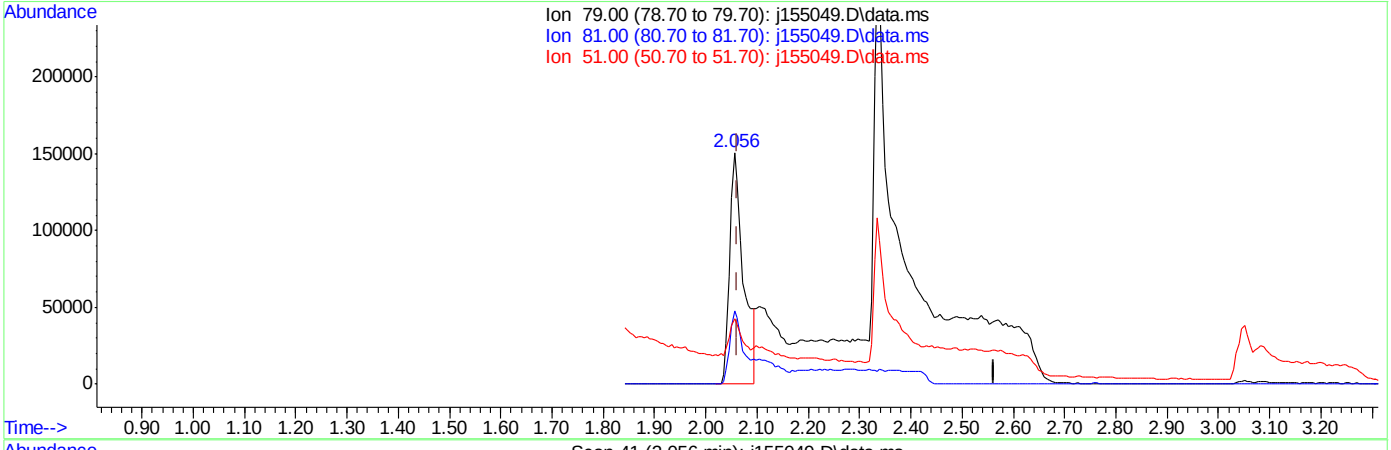
Quant Time: Sep 05 14:56:23 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration

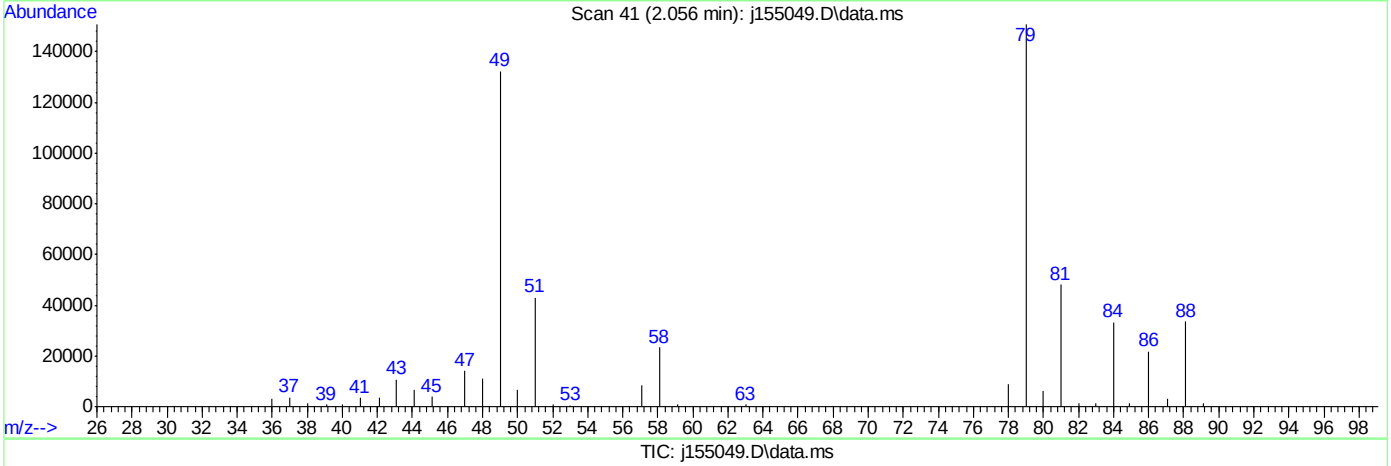


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.006) 35.16ppm

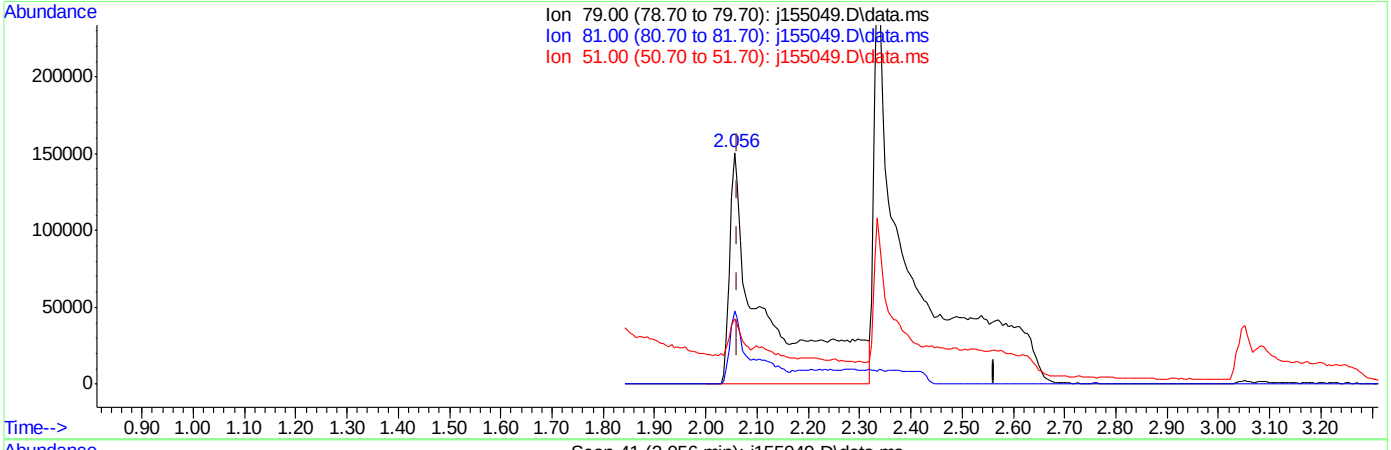
response 280318

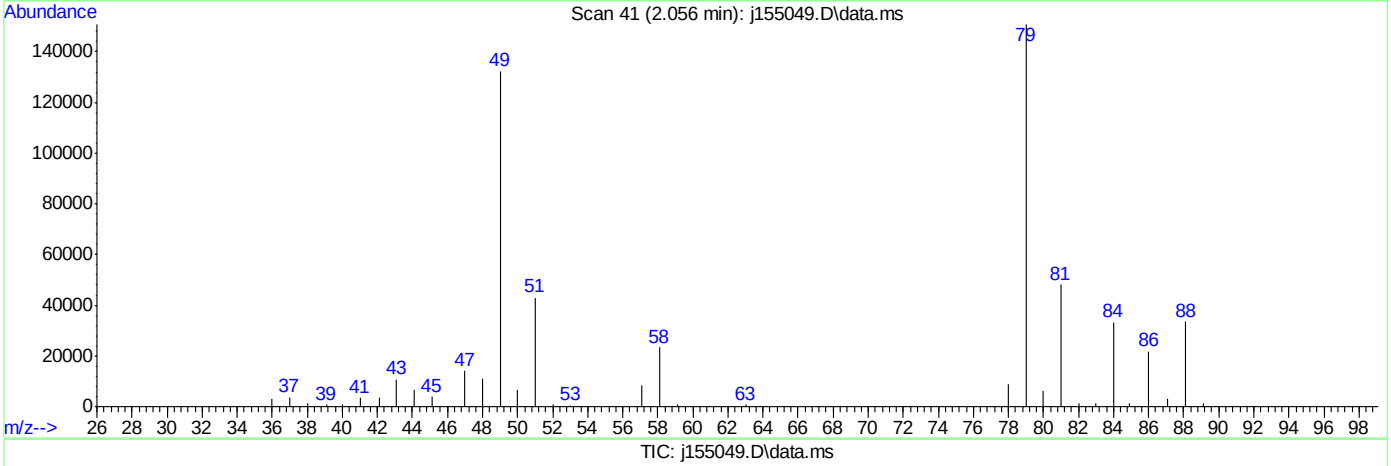
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	30.28
51.00	4.40	14.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(2) bis(Chloromethyl)ether

2.056min (-0.006) 88.63ppm m

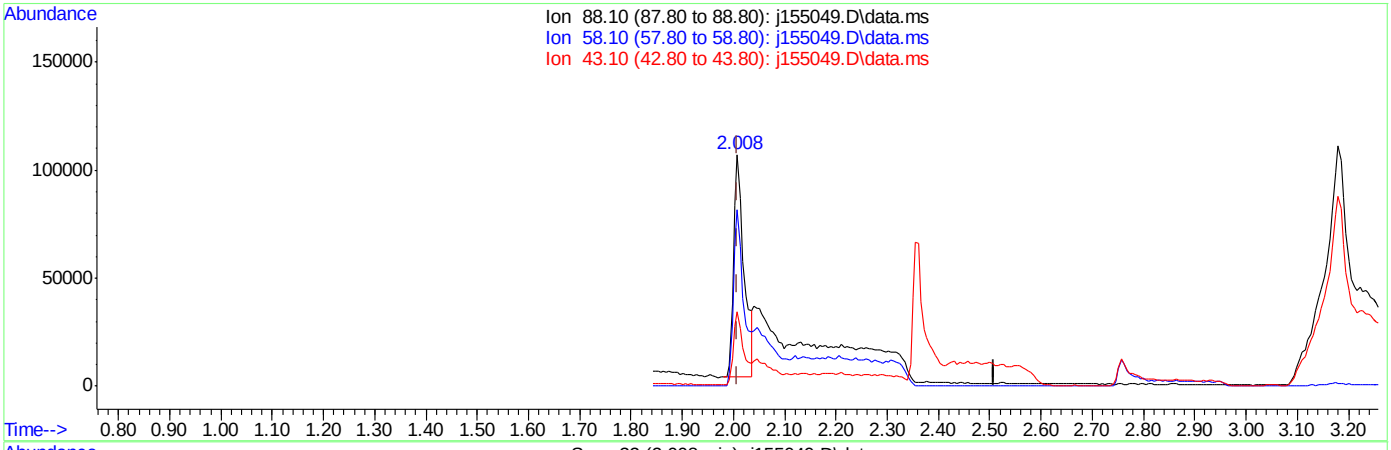
response 706672

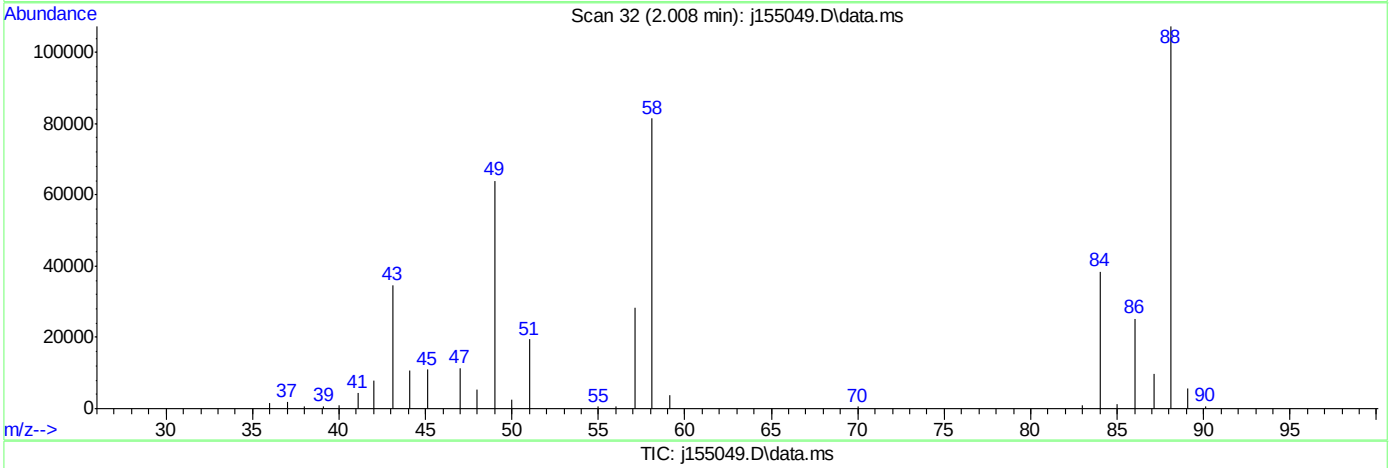
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	12.01
51.00	4.40	5.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.000) 20.14ppm

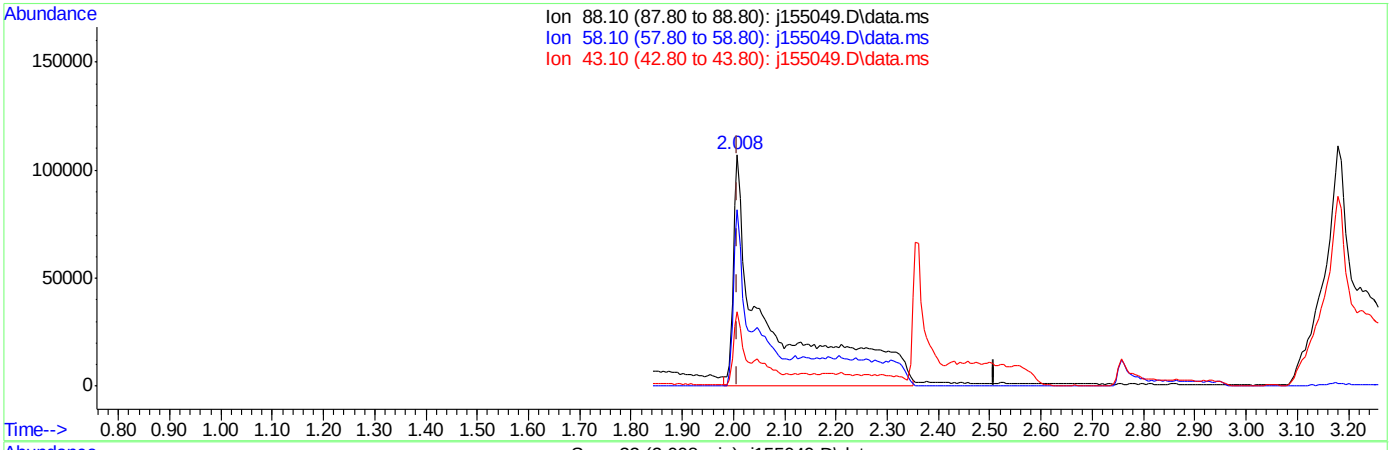
response 146123

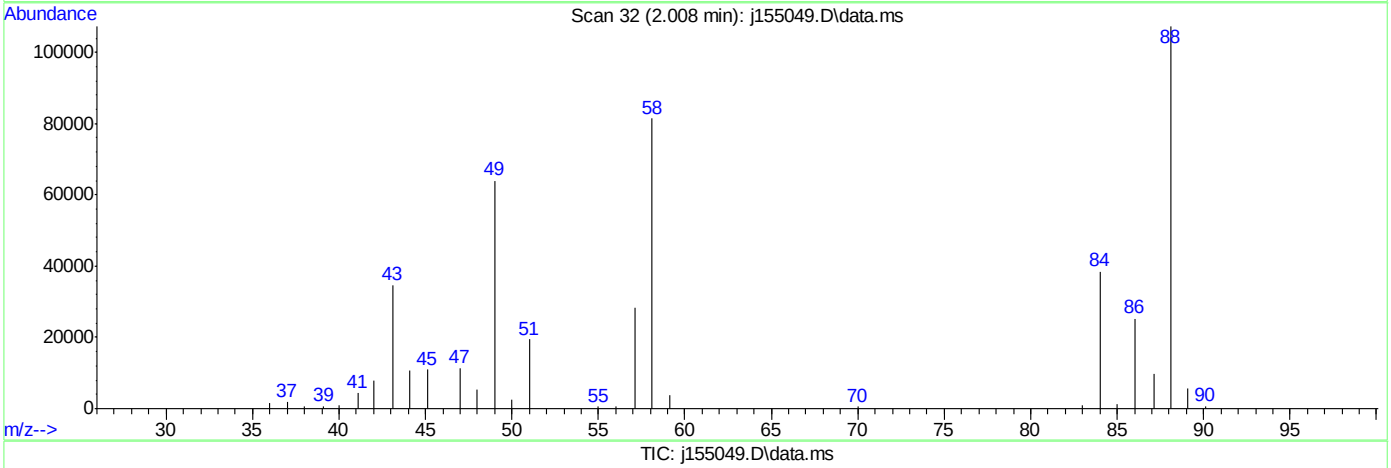
Ion	Exp%	Act%
88.10	100	100
58.10	18.60	80.55#
43.10	6.60	33.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(3) 1,4-Dioxane

2.008min (-0.000) 90.44ppm m

response 519725

Ion	Exp%	Act%
88.10	100	100
58.10	18.60	22.65
43.10	6.60	9.29
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
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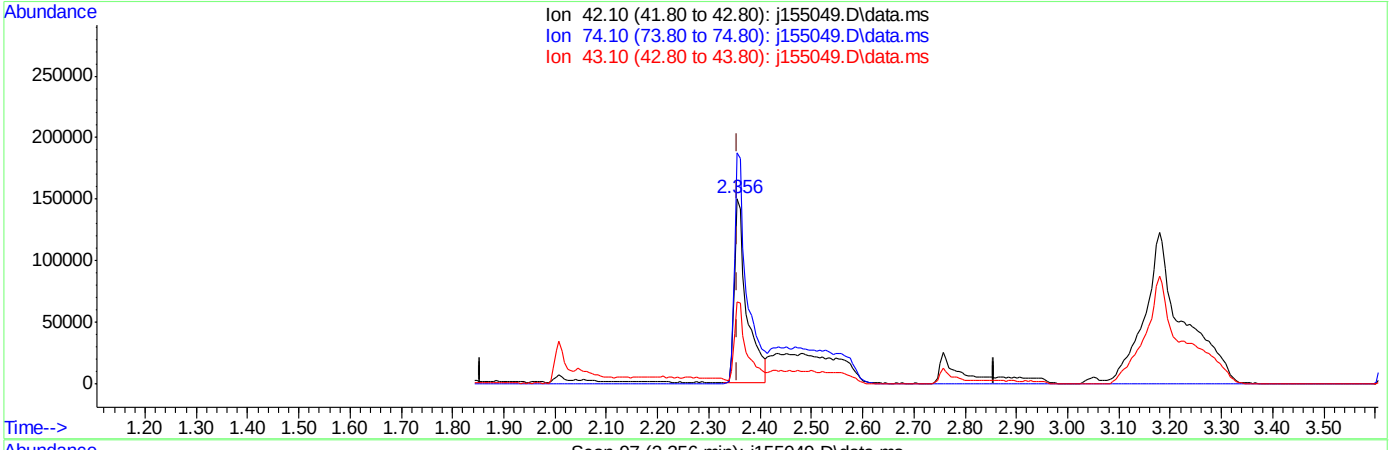
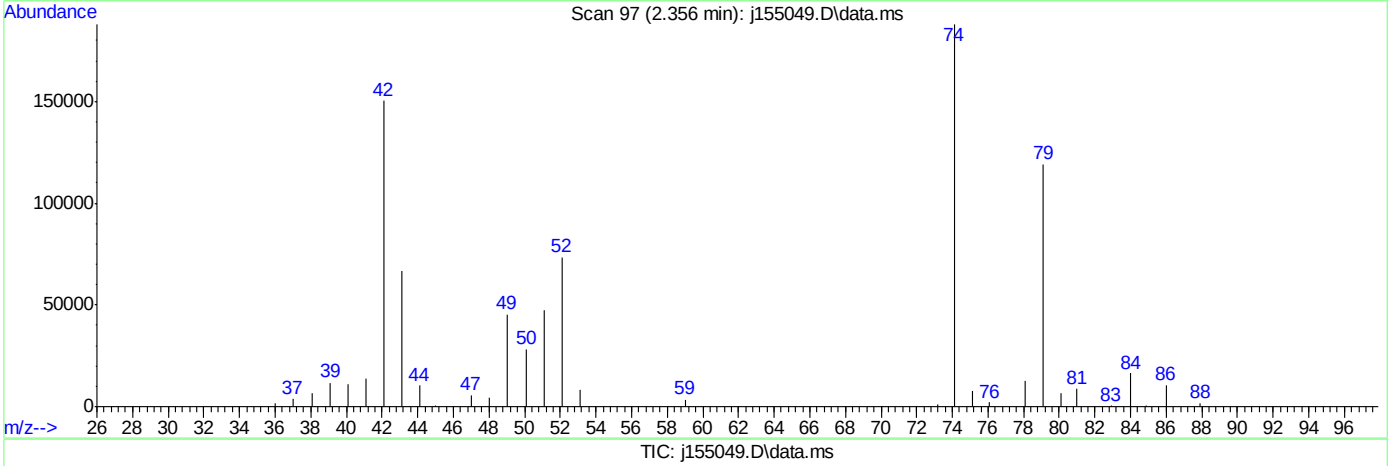




TIC: j155049.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.000) 45.83ppm

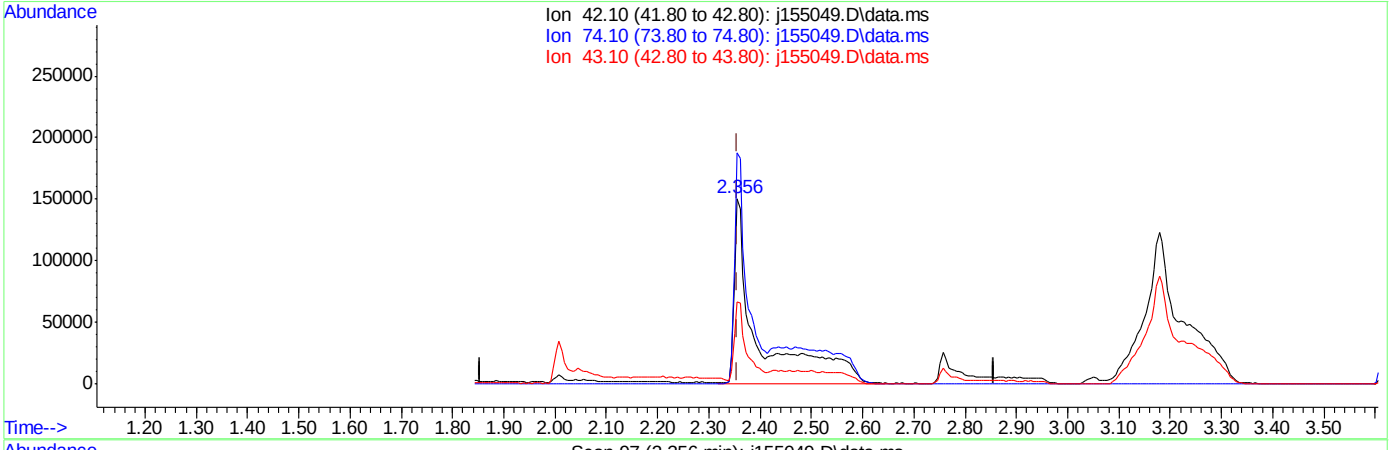
response 245514

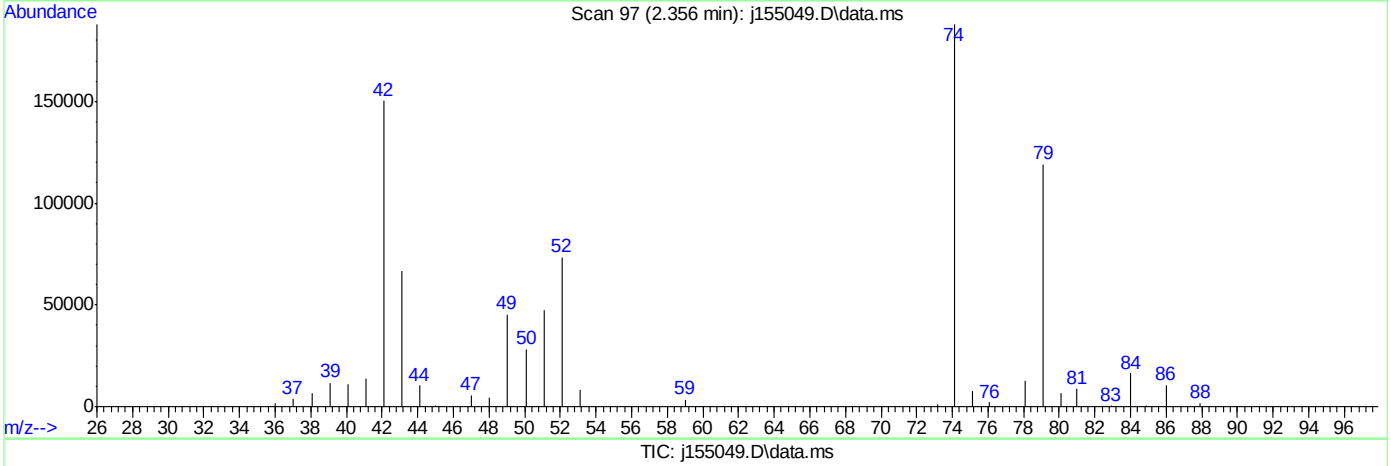
Ion	Exp%	Act%
42.10	100	100
74.10	86.10	130.93#
43.10	24.30	41.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(4) N-nitrosodimethylamine ( )

2.356min (-0.000) 90.65ppm m

response 489763

Ion	Exp%	Act%
42.10	100	100
74.10	86.10	65.64
43.10	24.30	21.02
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
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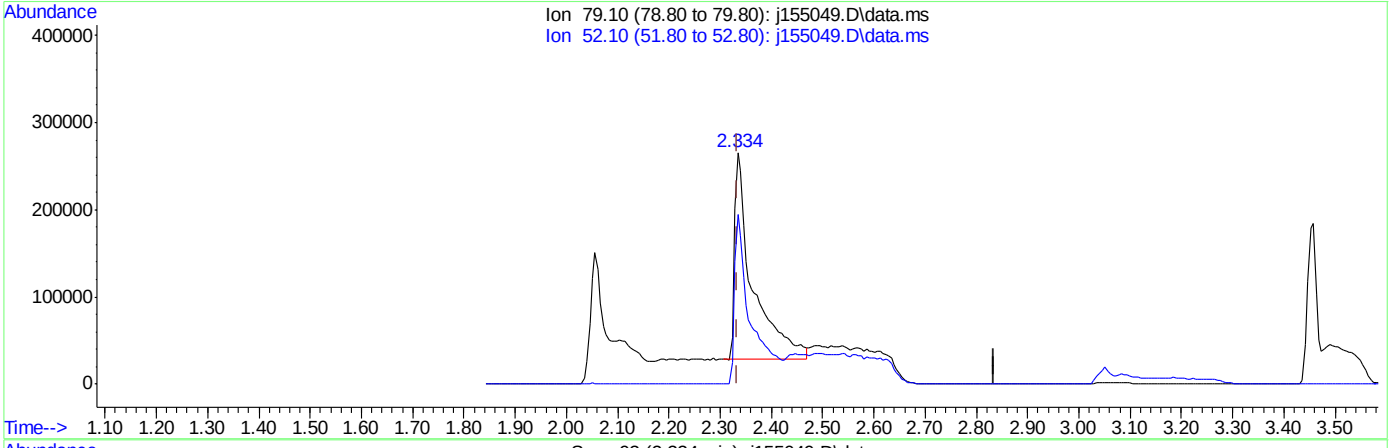
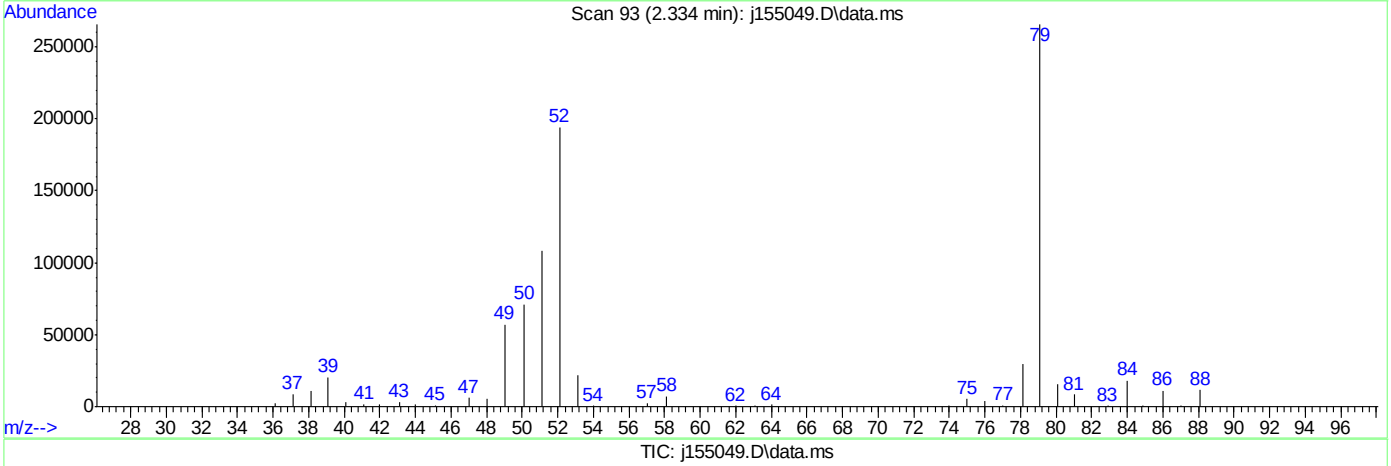




TIC: j155049.D\data.ms

(5) Pyridine ( )

2.334min (+0.000) 44.93ppm

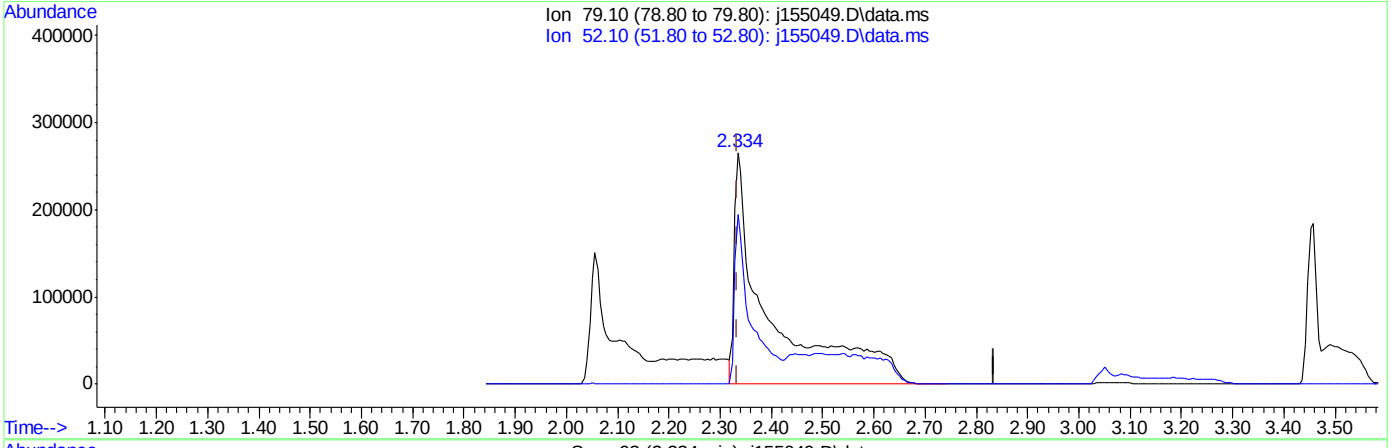
response 576865

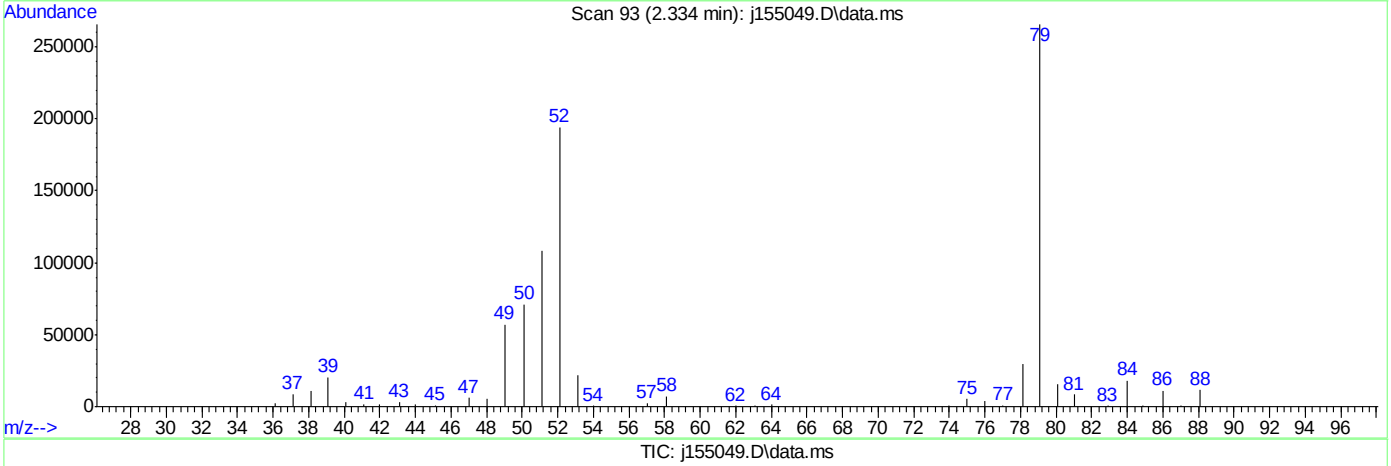
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	75.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
```





TIC: j155049.D\data.ms

(5) Pyridine ( )

2.334min (+0.000) 97.99ppm m

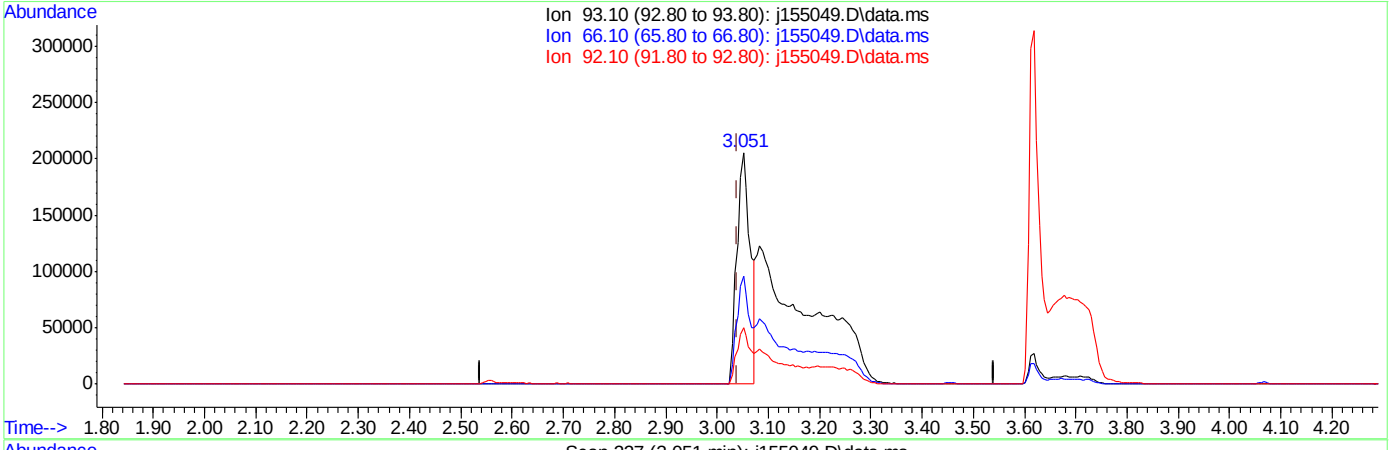
response 1258217

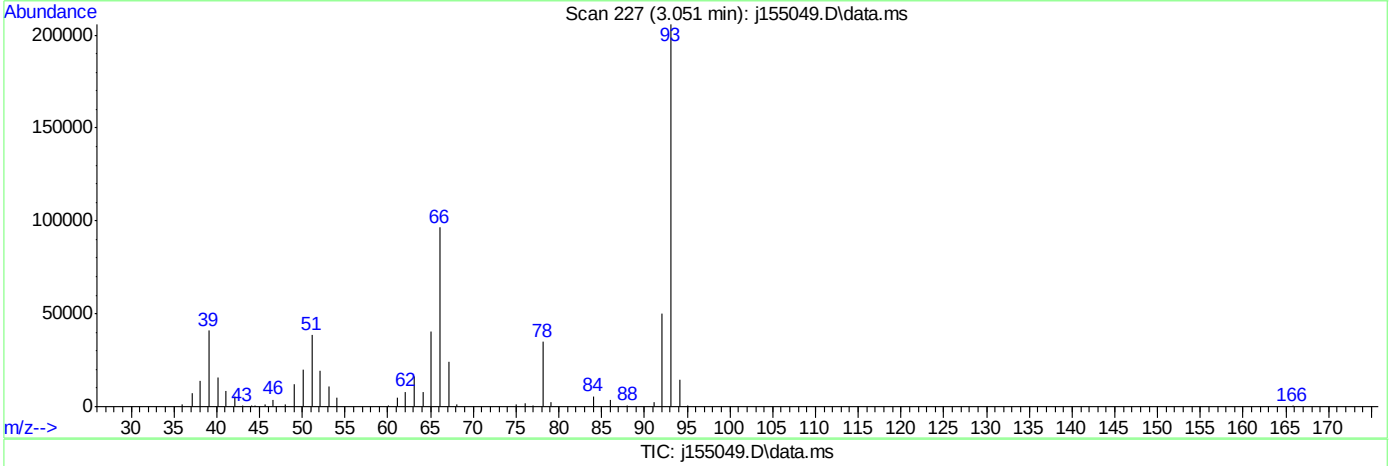
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	34.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(6) 2-Picoline

3.051min (+0.011) 28.25ppm

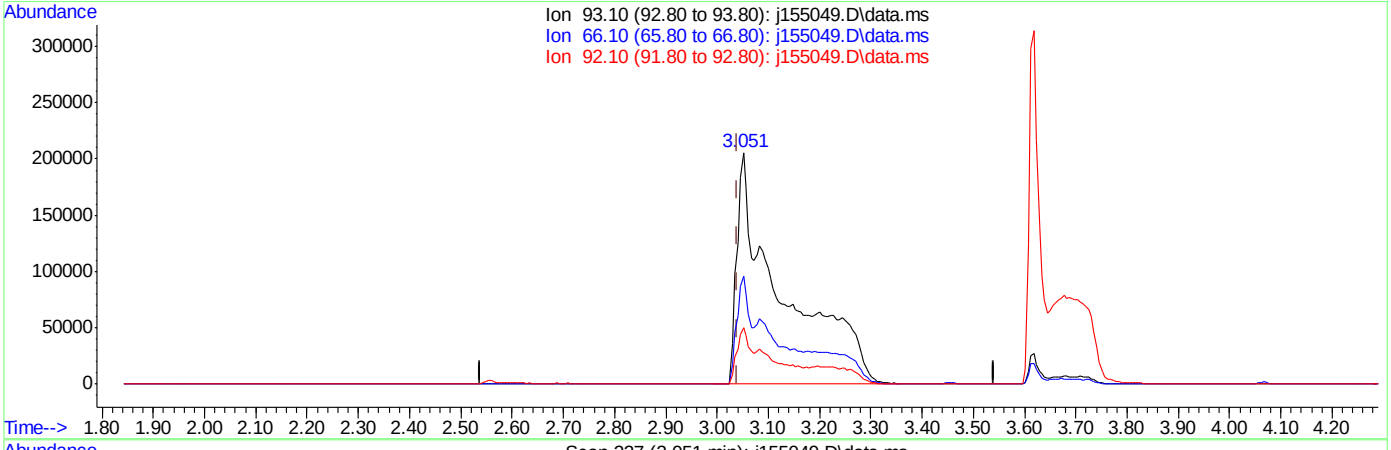
response 378172

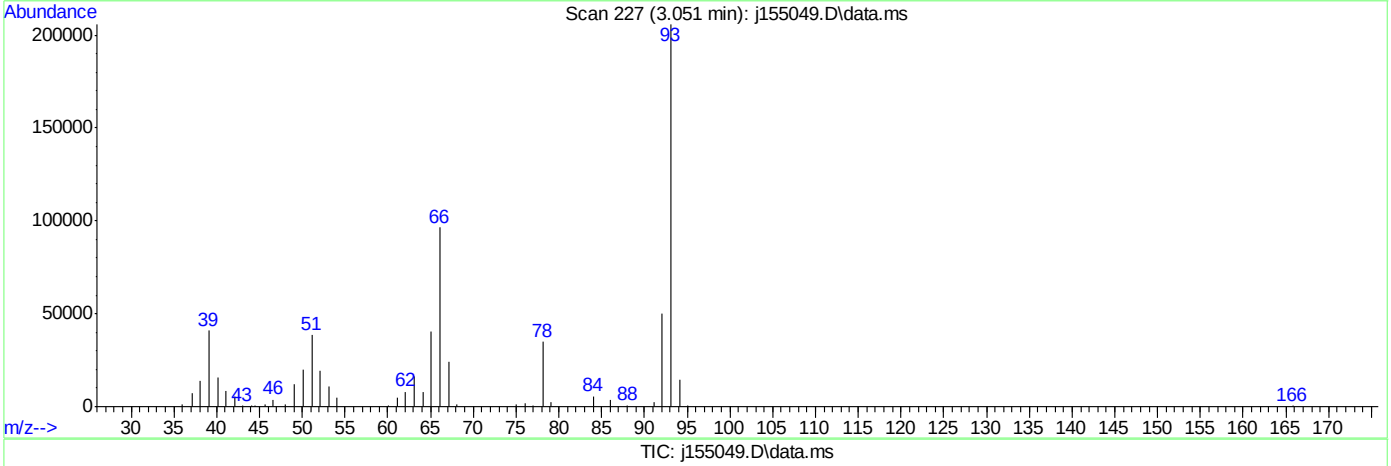
Ion	Exp%	Act%
93.10	100	100
66.10	36.30	46.73#
92.10	7.10	24.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(6) 2-Picoline

3.051min (+0.011) 93.89ppm m

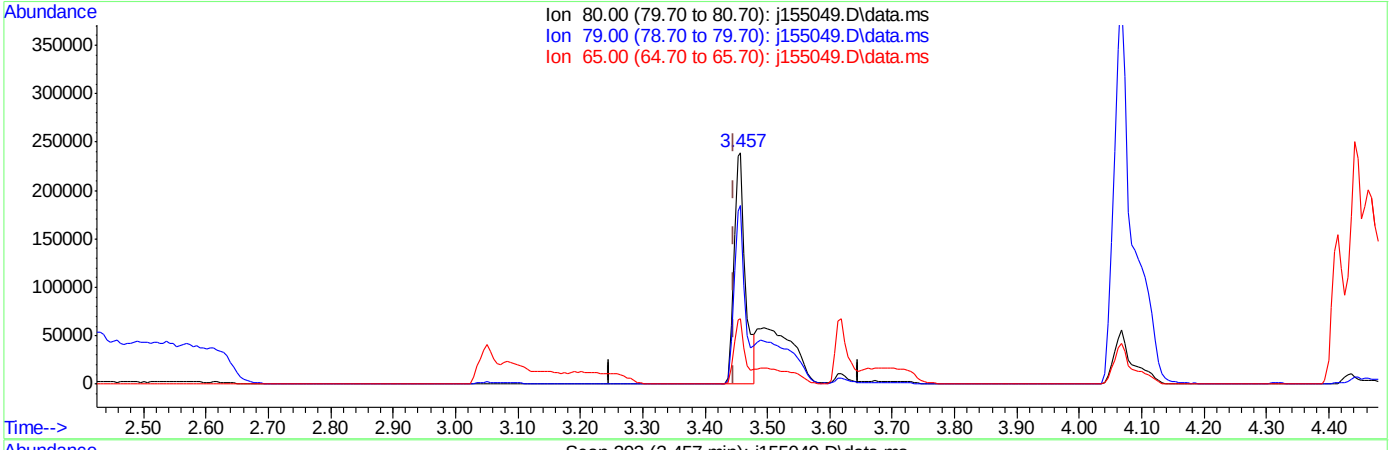
response 1256706

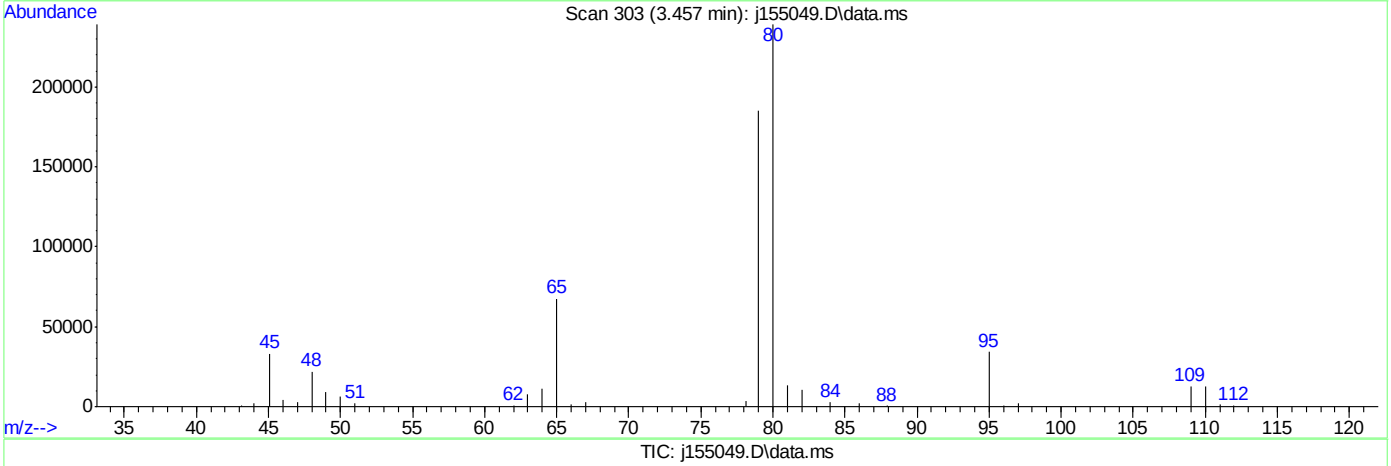
Ion	Exp%	Act%
93.10	100	100
66.10	36.30	14.06#
92.10	7.10	7.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(8) Methyl methanesulfonate

3.457min (+0.010) 53.58ppm

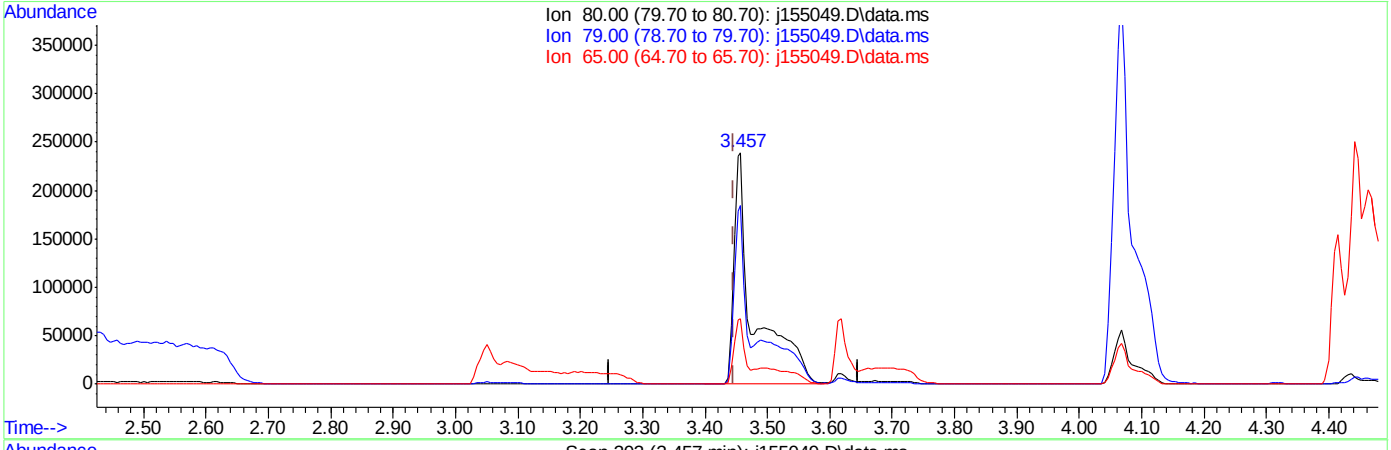
response 321044

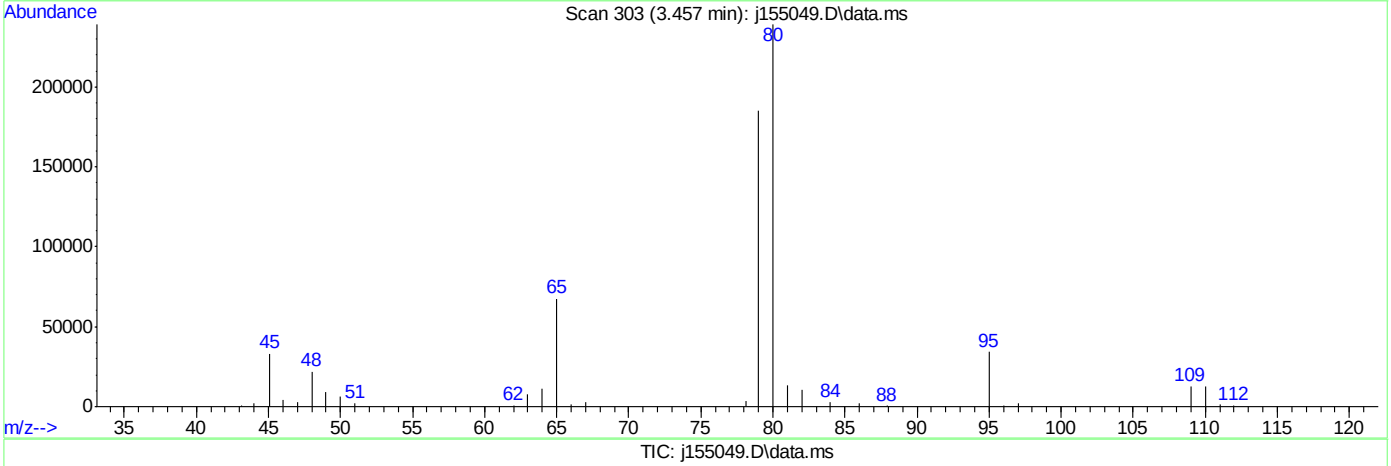
Ion	Exp%	Act%
80.00	100	100
79.00	77.60	76.14
65.00	28.30	28.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(8) Methyl methanesulfonate

3.457min (+0.010) 92.78ppm m

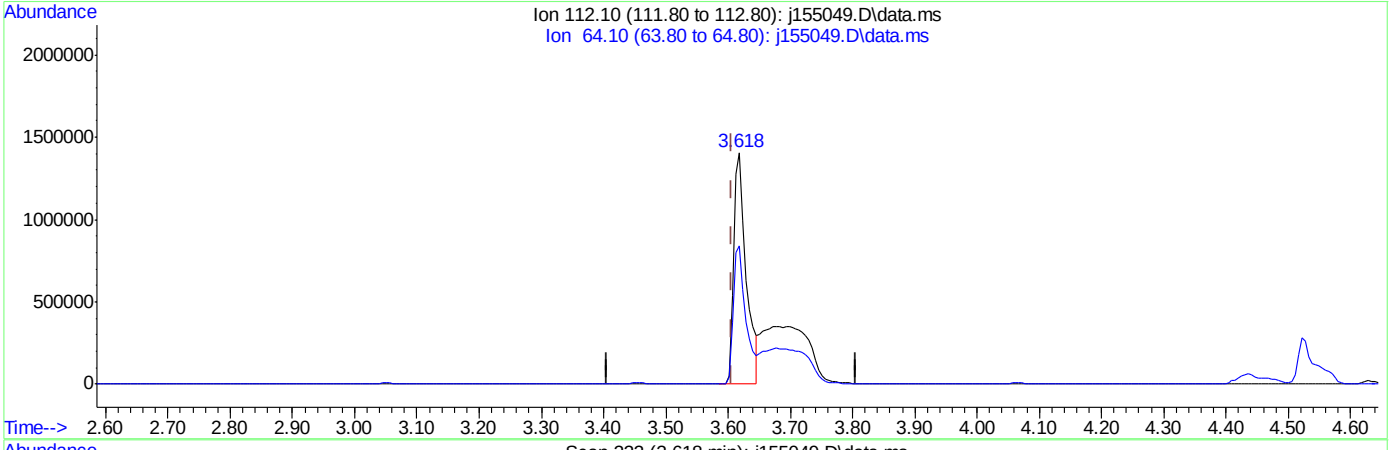
response 555910

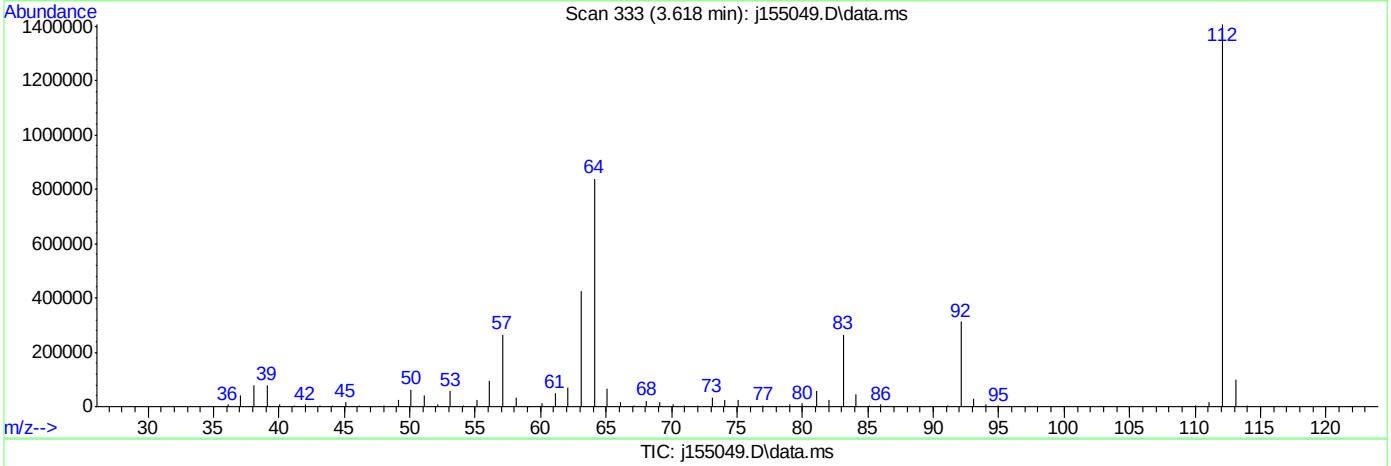
Ion	Exp%	Act%
80.00	100	100
79.00	77.60	43.97#
65.00	28.30	16.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
```





TIC: j155049.D\data.ms

(13) 2-Fluorophenol (S)

3.618min (+0.011) 185.53ppm

response 1924050

Ion	Exp%	Act%
112.10	100	100
64.10	59.90	61.07
0.00	0.00	0.00
0.00	0.00	0.00

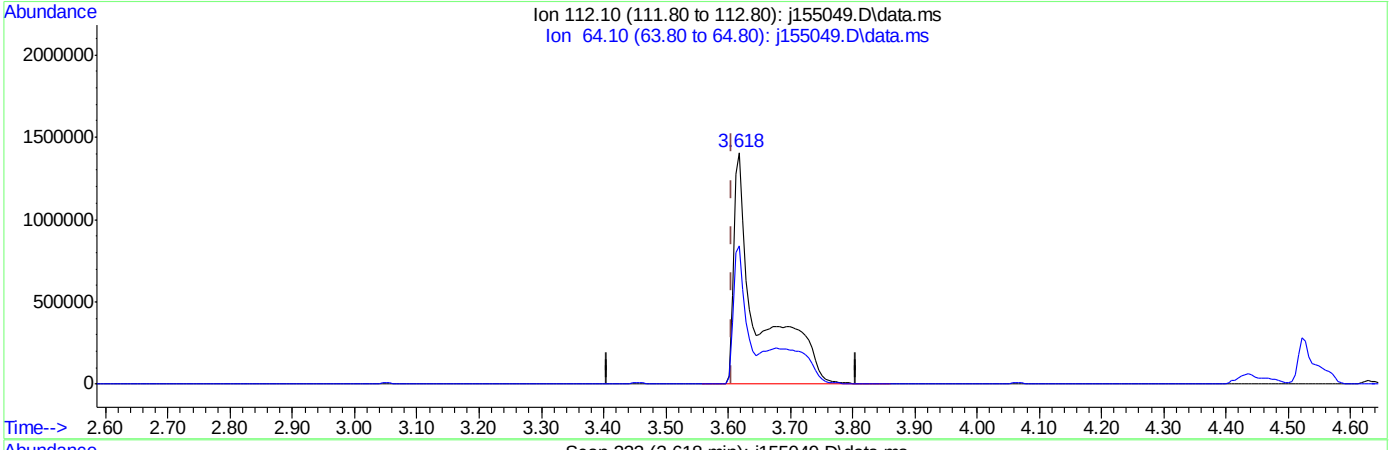
8.6.7.13

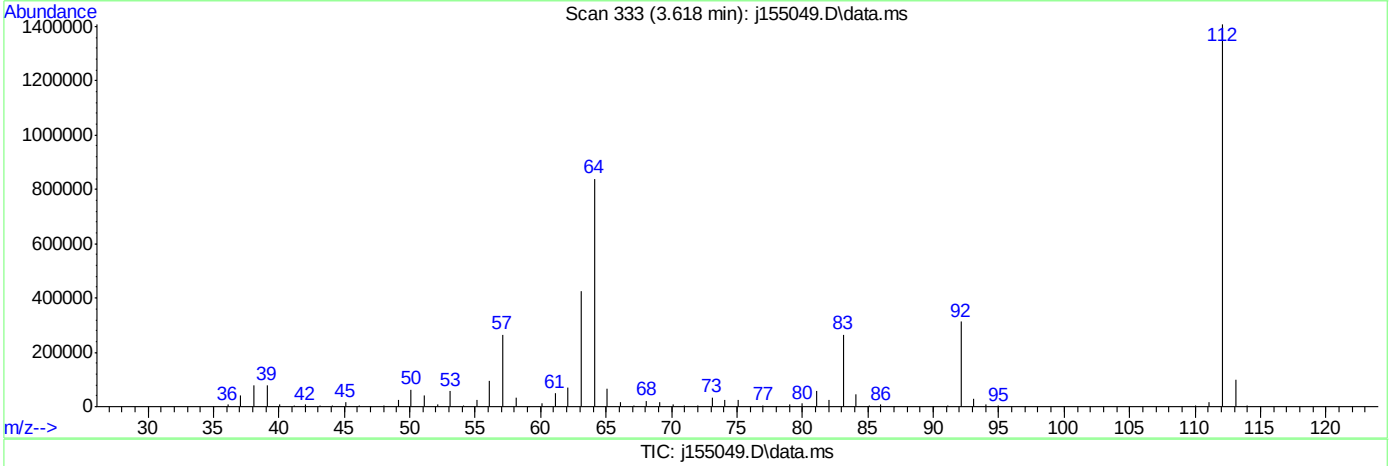
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
```





TIC: j155049.D\data.ms

(13) 2-Fluorophenol (S)

3.618min (+0.011) 369.20ppm m

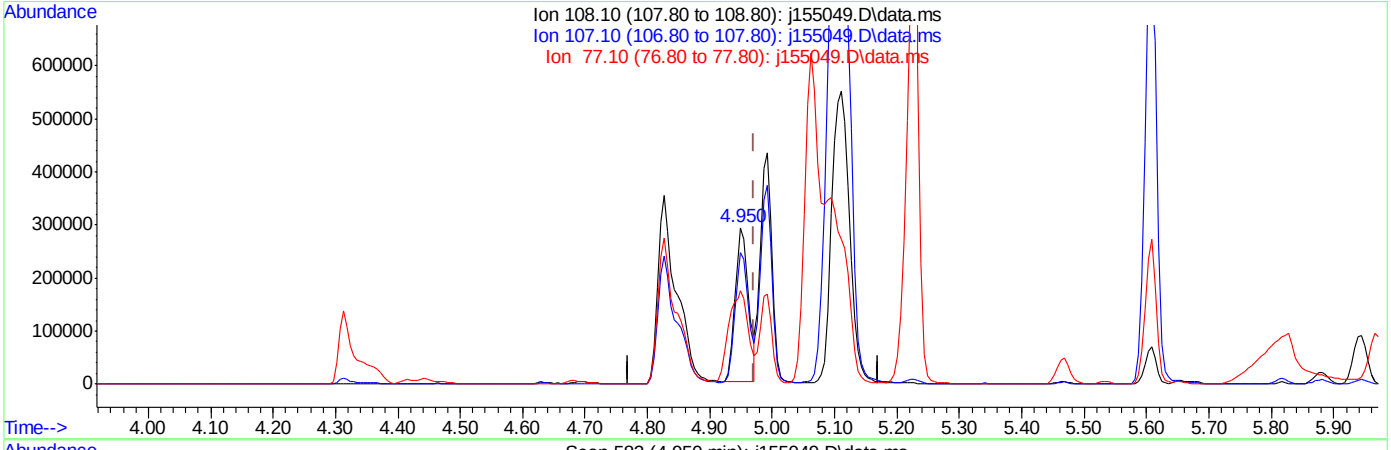
response 3828825

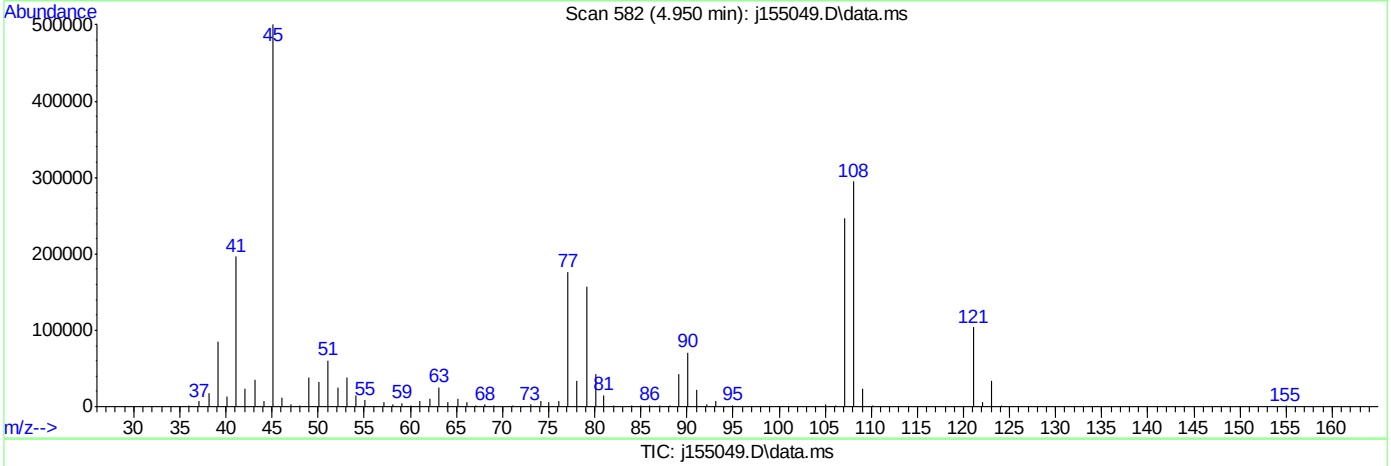
Ion	Exp%	Act%
112.10	100	100
64.10	59.90	30.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On    :  5 Sep 2010   2:26 pm
Operator  : sheilac
Sample    : ic921-100
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 11   Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration
```





TIC: j155049.D\data.ms

(23) 2-Methylphenol ( )

4.950min (-0.021) 41.23ppm

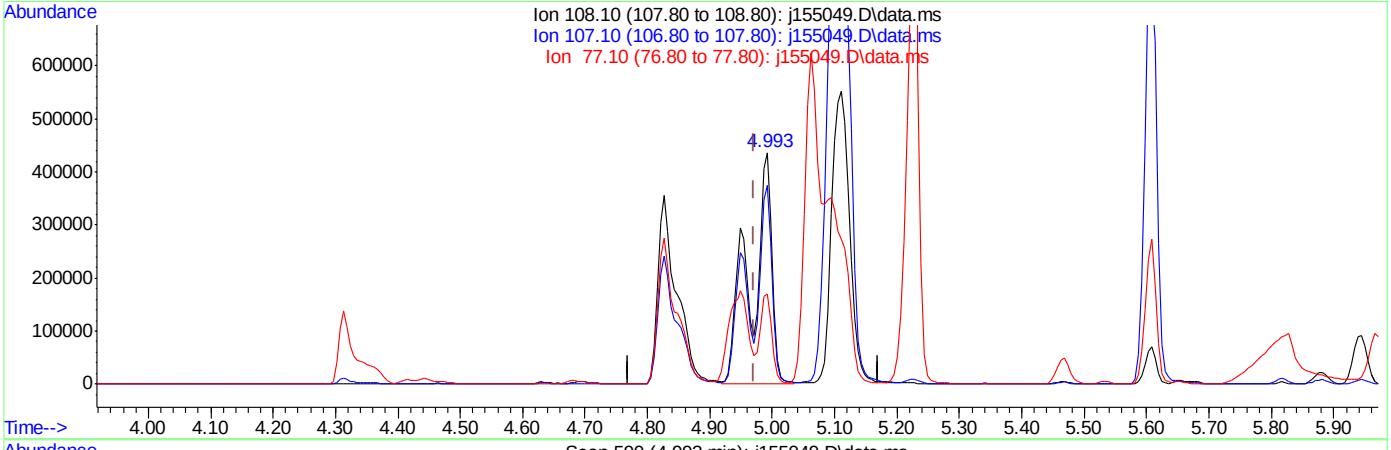
response 457541

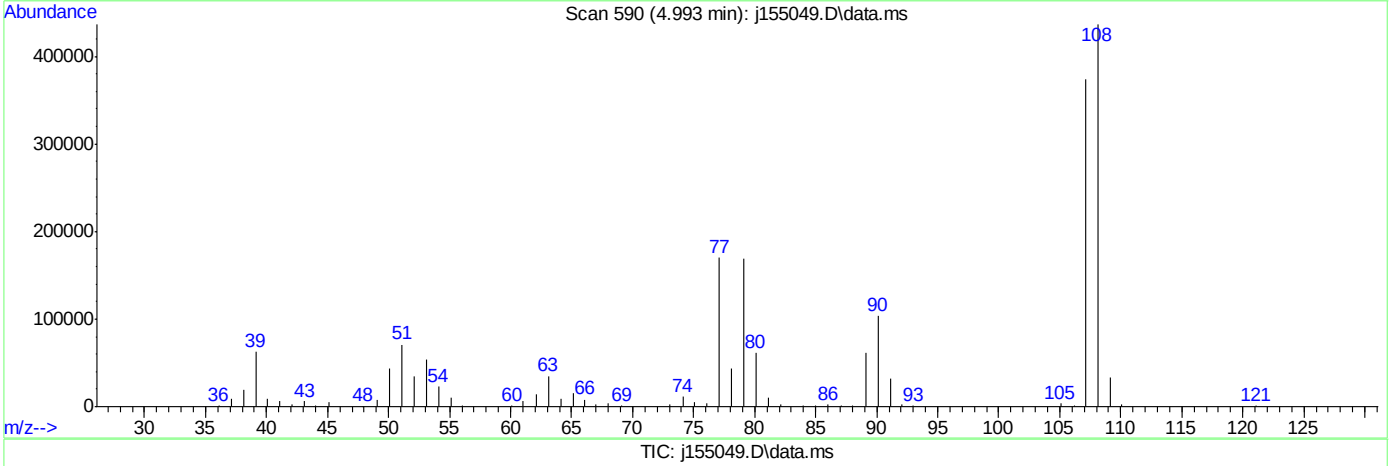
Ion	Exp%	Act%
108.10	100	100
107.10	51.60	86.05#
77.10	24.30	83.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155049.D
Acq On : 5 Sep 2010 2:26 pm
Operator : sheilac
Sample : ic921-100
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 14:48:57 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:27:45 2010
Response via : Initial Calibration





TIC: j155049.D\data.ms

(23) 2-Methylphenol ( )

4.993min (+0.022) 93.87ppm m

response 1041647

Ion	Exp%	Act%
108.10	100	100
107.10	51.60	37.80
77.10	24.30	36.63
0.00	0.00	0.00

8.6.7.16
8

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 18:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On : 5 Sep 2010 3:00 pm
Operator : sheilac
Sample : icv921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 16:03:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.677	152	411199	40.00	ppm	0.00
31) Naphthalene-d8	5.939	136	1564566	40.00	ppm	0.00
57) Acenaphthene-d10	8.474	164	1013475	40.00	ppm	0.01
88) Phenanthrene-d10	11.282	188	1668381	40.00	ppm	0.00
118) Chrysene-d12	16.840	240	1401684	40.00	ppm	0.02
134) Perylene-d12	19.637	264	867181	40.00	ppm	0.01
System Monitoring Compounds						
13) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 100.000	Range 23 - 110		Recovery = 0.00%#			
15) Phenol-d5	0.000	99	0	0.00	ppm	
Spiked Amount 100.000	Range 23 - 114		Recovery = 0.00%#			
32) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000	Range 36 - 126		Recovery = 0.00%#			
61) 2-Fluorobiphenyl	0.000	172	0	0.00	ppm	
Spiked Amount 50.000	Range 34 - 132		Recovery = 0.00%#			
93) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 100.000	Range 33 - 138		Recovery = 0.00%#			
121) Terphenyl-d14	0.000	244	0	0.00	ppm	
Spiked Amount 50.000	Range 46 - 136		Recovery = 0.00%#			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	2.361	42	378143m	56.11	ppm	
5) Pyridine	2.323	79	723443m	46.96	ppm	
12) Aniline	4.415	93	542592	35.70	ppm	94
14) bis(2-Chloroethyl)ether	4.458	93	896200	49.25	ppm	96
16) Phenol	4.458	94	973524	53.06	ppm	68
17) 2-Chlorophenol	4.538	128	767644	55.52	ppm	99
18) 1,3-Dichlorobenzene	4.629	146	832652	53.64	ppm	100
19) 1,4-Dichlorobenzene	4.693	146	836250	51.41	ppm	99
20) 1,2-Dichlorobenzene	4.832	146	783783	53.21	ppm	100
21) Benzyl alcohol	4.827	108	516795	55.71	ppm	98
22) bis(2-chloroisopropyl)...	4.934	45	1352265	53.65	ppm	85
23) 2-Methylphenol	4.955	108	709958	53.64	ppm #	44
28) Hexachloroethane	5.142	117	316526	53.60	ppm	99
29) N-Nitroso-di-n-propyla...	5.062	70	616658	57.81	ppm #	57
30) 3&4-Methylphenol	5.099	108	1400450	98.05	ppm #	30
33) Nitrobenzene	5.212	77	820968	57.37	ppm	100
36) Isophorone	5.458	82	1580250	54.97	ppm	99
37) 2-Nitrophenol	5.527	139	402421	62.13	ppm	98
38) 2,4-Dimethylphenol	5.597	107	709067	53.10	ppm	99
39) bis(2-Chloroethoxy)met...	5.672	93	889335	43.14	ppm	88
41) Benzoic Acid	5.795	105	378950	73.06	ppm	92
42) 2,4-Dichlorophenol	5.811	162	580885	60.02	ppm	99
43) 1,2,4-Trichlorobenzene	5.880	180	629749	53.75	ppm	100
44) Naphthalene	5.966	128	2193892	54.84	ppm	100
45) 4-Chloroaniline	6.030	127	499236	33.04	ppm	95
48) Hexachlorobutadiene	6.121	225	343437	56.58	ppm	99
52) 4-Chloro-3-methylphenol	6.672	107	672886	60.67	ppm	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On : 5 Sep 2010 3:00 pm
Operator : sheilac
Sample : icv921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 16:03:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) 2-Methylnaphthalene	6.838	142	1453047	54.24	ppm		99
55) 1-Methylnaphthalene	6.977	142	1442586	54.85	ppm		100
58) Hexachlorocyclopentadiene	7.078	237	144010	75.43	ppm	#	94
59) 2,4,6-Trichlorophenol	7.266	196	401937	49.75	ppm		99
60) 2,4,5-Trichlorophenol	7.340	196	414320	53.09	ppm		99
64) 2-Chloronaphthalene	7.549	162	1367745	46.63	ppm		97
66) 2-Nitroaniline	7.726	65	452777	50.78	ppm		84
68) Acenaphthylene	8.223	152	2332316	58.12	ppm		100
69) Dimethylphthalate	8.068	163	1732974	58.35	ppm		100
70) m-Dinitrobenzene	8.095	168	275798	60.08	ppm	#	49
71) 2,6-Dinitrotoluene	8.143	165	410482	59.25	ppm		98
72) Acenaphthene	8.533	153	1445939	56.25	ppm		100
73) 3-Nitroaniline	8.426	138	320712	50.06	ppm	#	95
74) 2,4-Dinitrophenol	8.613	184	156970	61.29	ppm		97
75) Dibenzofuran	8.833	168	1960677	57.09	ppm		84
76) Pentachlorobenzene	10.427	250	425342	58.43	ppm	#	99
77) 2,4-Dinitrotoluene	8.849	165	509672	60.19	ppm		92
78) 4-Nitrophenol	8.865	109	152441	64.24	ppm	#	2
81) 2,3,4,6-Tetrachlorophenol	9.100	232	325505	65.14	ppm		97
82) Fluorene	9.464	166	1673397	58.33	ppm		99
83) 4-Chlorophenyl-phenyle...	9.491	204	761115	58.88	ppm		99
84) Diethylphthalate	9.336	149	1825188	59.38	ppm		100
87) 4-Nitroaniline	9.539	138	243113	38.82	ppm		88
89) 4,6-Dinitro-2-methylph...	9.619	198	274793	65.53	ppm		100
90) n-Nitrosodiphenylamine	9.726	169	1196772	48.89	ppm		100
91) 1,2-Diphenylhydrazine	9.790	77	1849518	58.58	ppm		99
92) Diphenylamine	9.726	169	1196772	48.89	ppm		100
98) 4-Bromophenyl-phenylether	10.427	248	438502	58.94	ppm		99
100) Hexachlorobenzene	10.550	284	461723	57.11	ppm		99
104) Pentachlorophenol	10.967	266	190532	55.06	ppm		97
107) Phenanthrene	11.331	178	2336758	58.15	ppm		100
108) Anthracene	11.438	178	2277185	56.42	ppm		99
110) Carbazole	11.796	167	2055540	55.42	ppm		99
112) Di-n-butylphthalate	12.641	149	3237682	58.80	ppm		100
117) Fluoranthene	13.791	202	2550989	60.03	ppm		100
120) Pyrene	14.251	202	2592008	55.41	ppm		99
128) Butylbenzylphthalate	15.775	149	1386476	61.13	ppm		100
130) 3,3'-Dichlorobenzidine	16.813	252	380111	39.19	ppm		98
131) Benzo[a]anthracene	16.813	228	2074621	59.72	ppm		100
132) Chrysene	16.893	228	2002833	59.75	ppm		99
133) bis(2-Ethylhexyl)phtha...	17.059	149	1844327	60.44	ppm		99
135) Di-n-octylphthalate	18.353	149	2804332	55.40	ppm		100
136) Benzo[b]fluoranthene	18.952	252	1698606	59.27	ppm		94
137) Benzo[k]fluoranthene	19.006	252	1548441	56.94	ppm		98
140) Benzo[a]pyrene	19.541	252	1240217	51.53	ppm		99
142) Indeno[1,2,3-cd]pyrene	21.819	276	982775	60.66	ppm		99
143) Dibenz[a,h]anthracene	21.862	278	806610	61.43	ppm		100
144) Benzo[g,h,i]perylene	22.440	276	762323	61.00	ppm		99

Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On    :  5 Sep 2010   3:00 pm
Operator  : sheilac
Sample    : icv921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 12   Sample Multiplier: 1

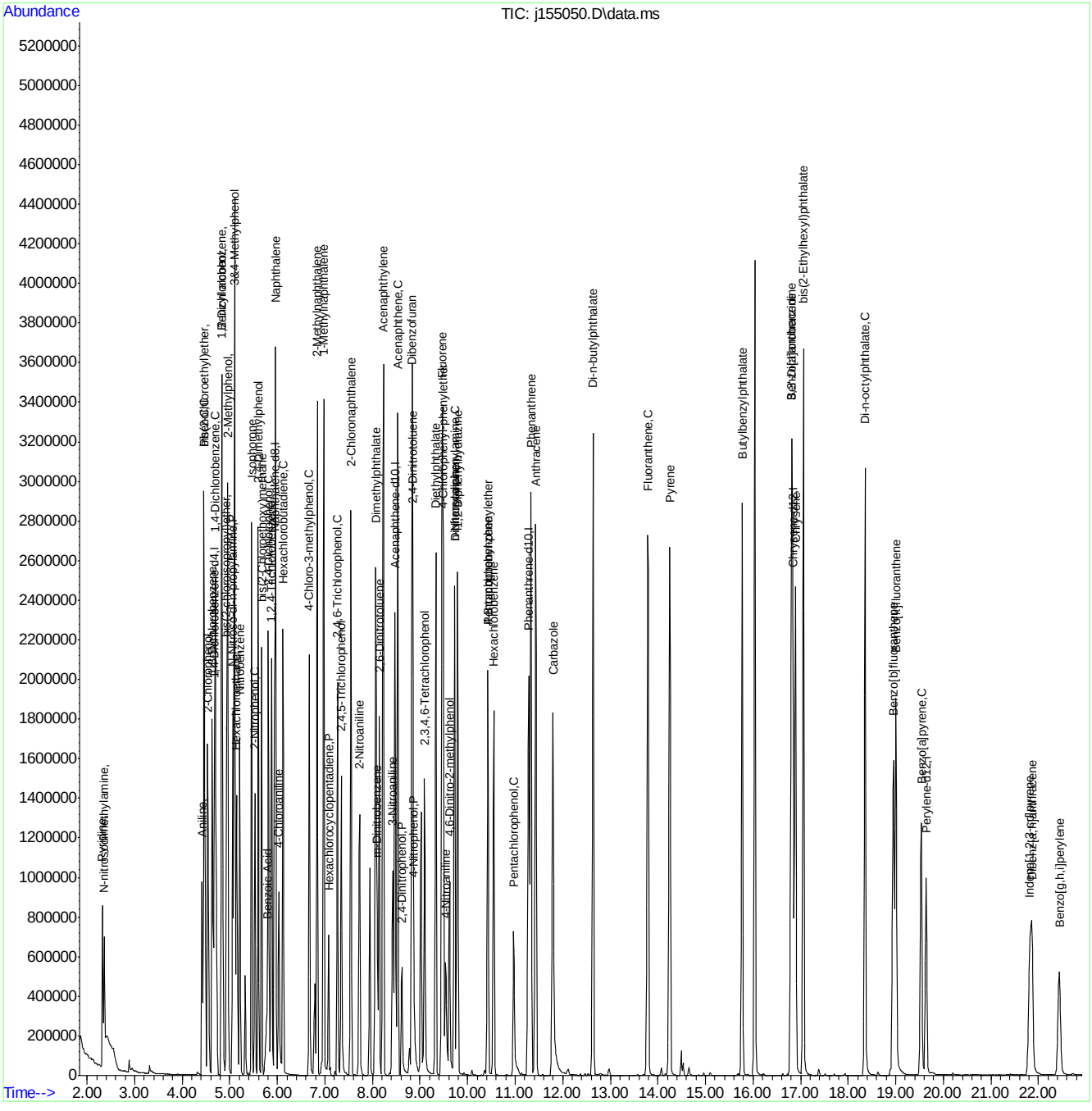
Quant Time: Sep 05 16:03:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

        Compound                  R.T. QIon  Response  Conc Units Dev(Min)
 ---------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On : 5 Sep 2010 3:00 pm
Operator : sheilac
Sample : icv921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 16:03:56 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration



ej921ap9.m Sun Sep 05 16:14:42 2010 Page: 4

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On    :  5 Sep 2010   3:00 pm
Operator  : sheilac
Sample    : icv921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 05 15:54:38 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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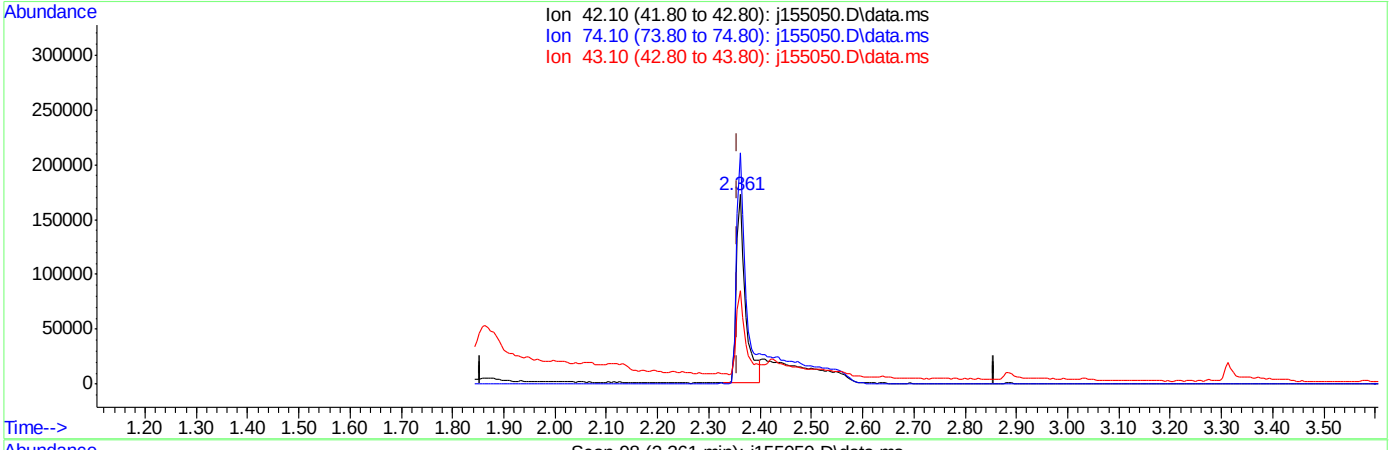
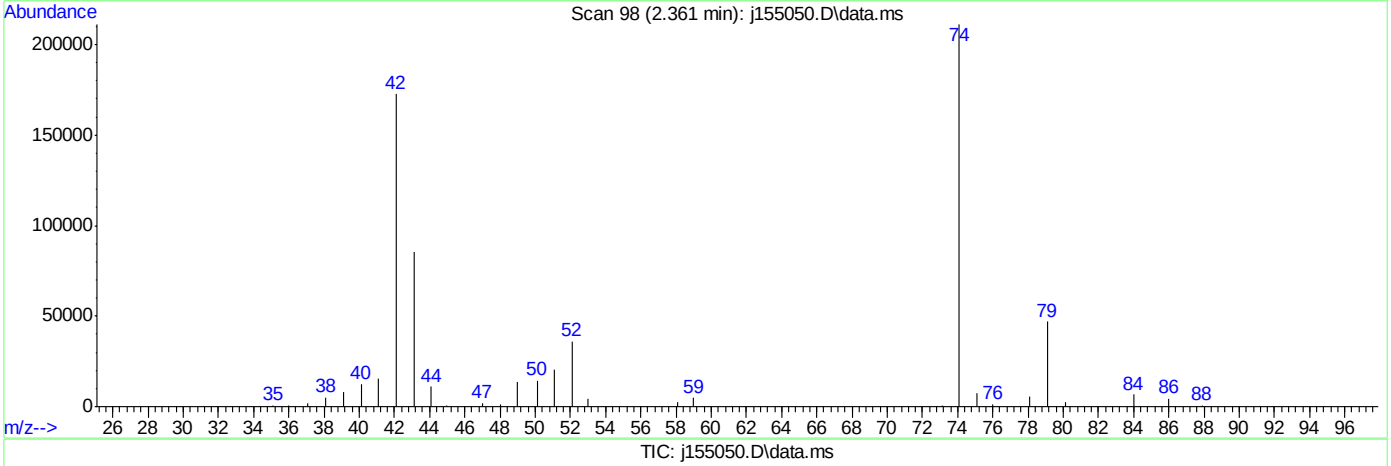




(4) N-nitrosodimethylamine ( )

2.361min (+0.005) 30.82ppm

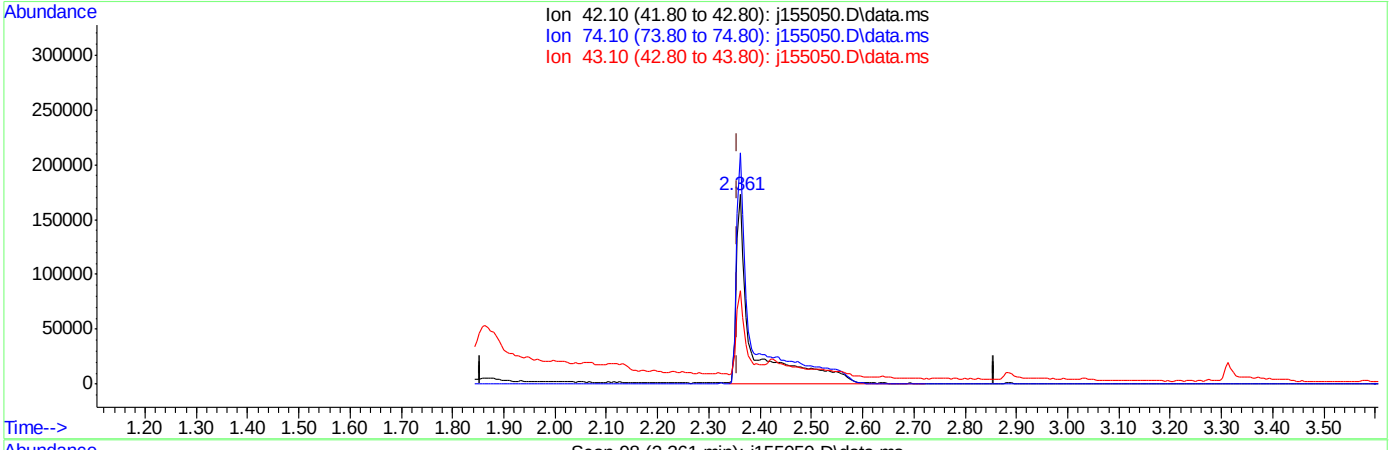
response 207729

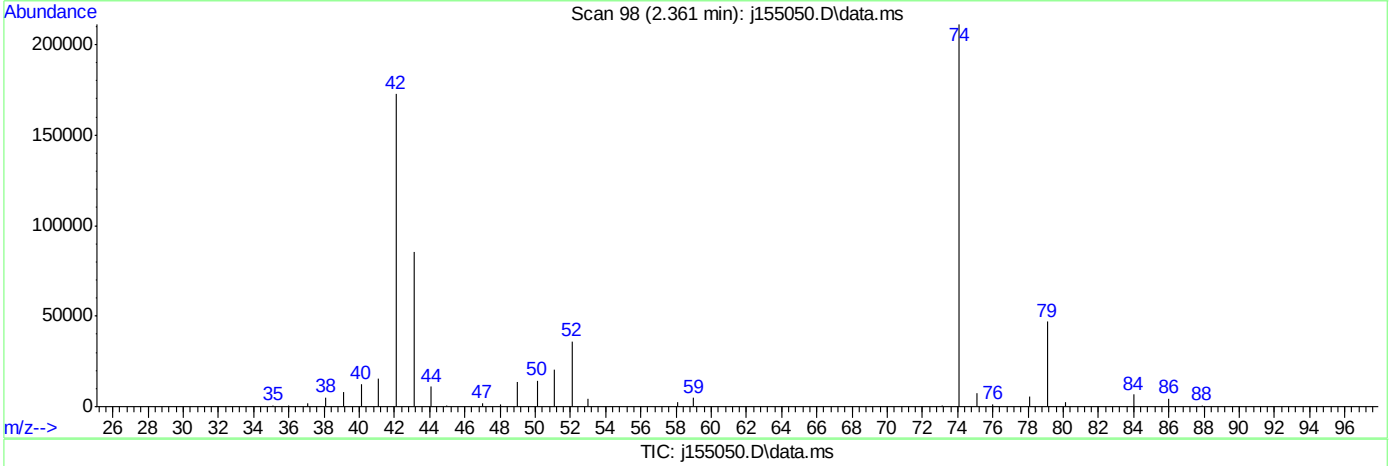
Ion	Exp%	Act%
42.10	100	100
74.10	86.10	120.29#
43.10	24.30	46.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On : 5 Sep 2010 3:00 pm
Operator : sheilac
Sample : icv921-50
Misc : op14950,Ej921,1000,,,1,1,water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 15:54:38 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration





(4) N-nitrosodimethylamine ( )

2.361min (+0.005) 56.11ppm m

response 378143

Ion	Exp%	Act%
42.10	100	100
74.10	86.10	66.08
43.10	24.30	25.43
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On    :  5 Sep 2010   3:00 pm
Operator  : sheilac
Sample    : icv921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 05 15:54:38 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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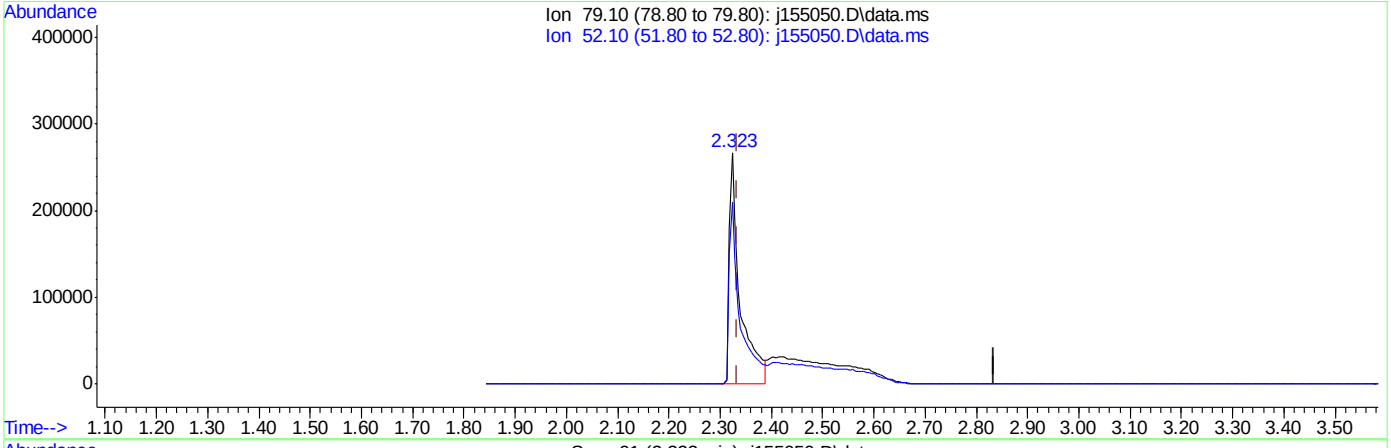

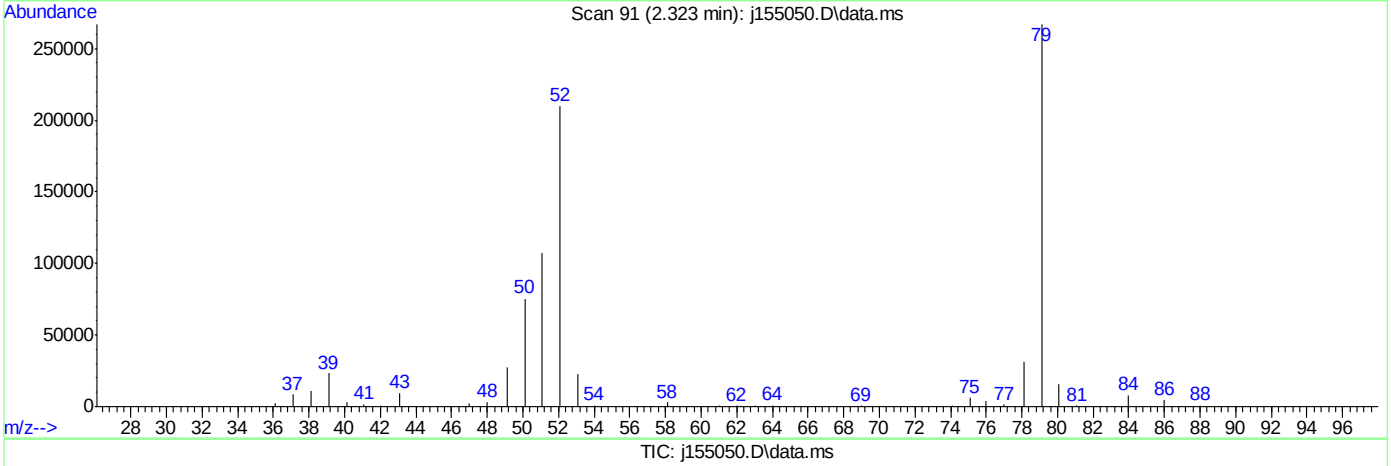

TIC: j155050.D\data.ms

(5) Pyridine ( )

2.323min (-0.011) 25.50ppm

response 392850

Ion	Exp%	Act%
79.10	100	100
52.10	36.60	81.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej921\
Data File : j155050.D
Acq On    :  5 Sep 2010   3:00 pm
Operator  : sheilac
Sample    : icv921-50
Misc      : op14950,Ej921,1000,,,1,1,water
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Sep 05 15:54:38 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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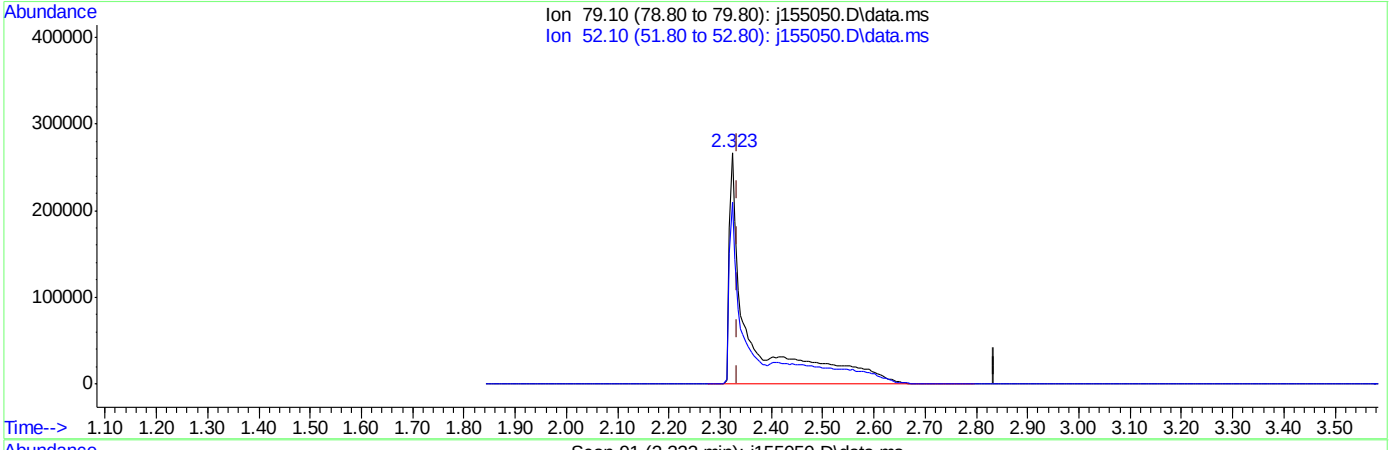
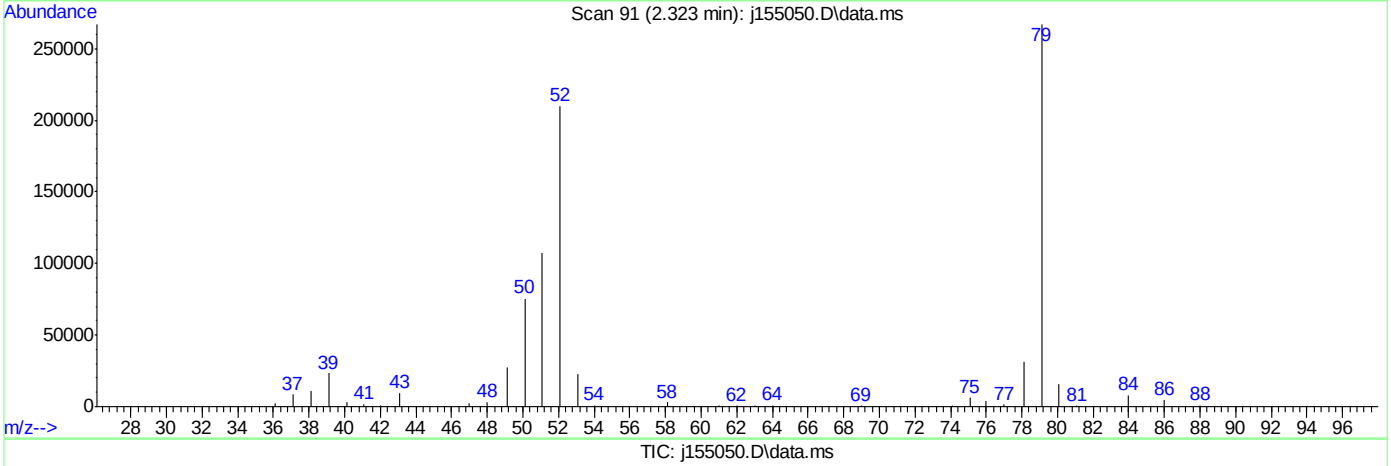




TIC: j155050.D\data.ms

(5) Pyridine ( )

2.323min (-0.011) 46.96ppm m

response 723443

Ion	Exp%	Act%
79.10	100	100
52.10	36.60	44.22
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Manual Integrations
APPROVED
(compounds with "m" flag)
Felix Oses
09/07/10 17:38

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:35:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	4.648	152	341199	40.00	ppm	-0.03
31) Naphthalene-d8	5.905	136	1404028	40.00	ppm	-0.03
57) Acenaphthene-d10	8.419	164	972086	40.00	ppm	-0.04
88) Phenanthrene-d10	11.233	188	1629667	40.00	ppm	-0.05
118) Chrysene-d12	16.774	240	1227418	40.00	ppm	-0.05
134) Perylene-d12	19.571	264	664269	40.00	ppm	-0.06
System Monitoring Compounds						
13) 2-Fluorophenol	3.589	112	2086460	203.73	ppm	-0.02
Spiked Amount 100.000	Range 23 - 110		Recovery = 203.73%#			
15) Phenol-d5	4.402	99	2534628	203.50	ppm	-0.02
Spiked Amount 100.000	Range 23 - 114		Recovery = 203.50%#			
32) Nitrobenzene-d5	5.167	82	1248234	101.00	ppm	-0.03
Spiked Amount 50.000	Range 36 - 126		Recovery = 202.00%#			
61) 2-Fluorobiphenyl	7.339	172	2376470	96.21	ppm	-0.04
Spiked Amount 50.000	Range 34 - 132		Recovery = 192.42%#			
93) 2,4,6-Tribromophenol	9.890	330	525792	205.99	ppm	-0.04
Spiked Amount 100.000	Range 33 - 138		Recovery = 205.99%#			
121) Terphenyl-d14	14.618	244	2295915	99.32	ppm	-0.05
Spiked Amount 50.000	Range 46 - 136		Recovery = 198.64%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	2.033	79	399758m	51.04	ppm	
3) 1,4-Dioxane	1.990	88	278028m	50.85	ppm	
4) N-nitrosodimethylamine	2.338	42	252737	45.19	ppm	# 63
5) Pyridine	2.316	79	615361m	48.13	ppm	
6) 2-Picoline	3.022	93	667186	50.36	ppm	# 80
7) N-Nitrosomethylethylamine	3.162	42	342201	49.86	ppm	100
8) Methyl methanesulfonate	3.429	80	302526	51.09	ppm	99
9) N-Nitrosodiethylamine	3.771	102	321140	50.59	ppm	97
10) Ethyl methanesulfonate	4.033	79	459437	51.71	ppm	100
11) Benzaldehyde	4.285	106	190030	54.29	ppm	99
12) Aniline	4.386	93	780842	61.92	ppm	100
14) bis(2-Chloroethyl)ether	4.440	93	704945	46.68	ppm	95
16) Phenol	4.413	94	791587	51.99	ppm	98
17) 2-Chlorophenol	4.499	128	604203	52.67	ppm	99
18) 1,3-Dichlorobenzene	4.600	146	669637	51.99	ppm	100
19) 1,4-Dichlorobenzene	4.664	146	665281	49.29	ppm	99
20) 1,2-Dichlorobenzene	4.798	146	618460	50.60	ppm	100
21) Benzyl alcohol	4.793	108	419380	54.48	ppm	99
22) bis(2-chloroisopropyl)...	4.900	45	1100706	52.62	ppm	98
23) 2-Methylphenol	4.948	108	584440m	53.21	ppm	
24) N-Nitrosopyrrolidine	5.023	100	351575	54.32	ppm	# 94
25) N-Nitrosomorpholine	5.044	56	436414	53.57	ppm	100
26) o-Toluidine	5.060	106	1040974	53.56	ppm	# 99
27) Acetophenone	5.028	105	827671	51.95	ppm	# 99
28) Hexachloroethane	5.108	117	256738	52.40	ppm	99
29) N-Nitroso-di-n-propyla...	5.044	70	464943	52.53	ppm	99
30) 3&4-Methylphenol	5.066	108	642466	54.21	ppm	# 98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:35:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	5.183	77	653196	50.86	ppm		99
34) N-Nitrosopiperidine	5.328	42	471840	52.55	ppm		99
36) Isophorone	5.424	82	1337786	51.85	ppm		99
37) 2-Nitrophenol	5.494	139	319119	54.90	ppm		98
38) 2,4-Dimethylphenol	5.568	107	634642	52.96	ppm		100
39) bis(2-Chloroethoxy)met...	5.638	93	952467	51.49	ppm		100
40) O,O,O-Triethyl phospho...	5.617	121	295522	51.31	ppm		99
41) Benzoic Acid	5.745	105	211286	54.47	ppm		94
42) 2,4-Dichlorophenol	5.777	162	470386	54.16	ppm		99
43) 1,2,4-Trichlorobenzene	5.841	180	532427	50.64	ppm		100
44) Naphthalene	5.927	128	1820365	50.71	ppm		100
45) 4-Chloroaniline	5.996	127	717123	52.88	ppm		100
46) 2,6-Dichlorophenol	6.012	162	456387	53.23	ppm		99
47) Hexachloropropene	6.034	213	226957	55.88	ppm		100
48) Hexachlorobutadiene	6.082	225	273301	50.17	ppm		99
50) Caprolactam	6.472	113	229689	56.94	ppm		98
51) N-Nitrosodi-n-butylamine	6.408	84	491819	56.88	ppm		99
52) 4-Chloro-3-methylphenol	6.649	107	549804	55.24	ppm		100
53) Isosafrole	6.681	162	475862	51.47	ppm		98
54) 2-Methylnaphthalene	6.793	142	1234671	51.36	ppm		100
55) 1-Methylnaphthalene	6.932	142	1207298	51.15	ppm		100
56) 1,2,4,5-Tetrachloroben...	7.039	216	476201	51.42	ppm		99
58) Hexachlorocyclopentadiene	7.034	237	81266	53.39	ppm	#	94
59) 2,4,6-Trichlorophenol	7.232	196	323090	54.20	ppm		100
60) 2,4,5-Trichlorophenol	7.317	196	301649	53.45	ppm		99
62) Safrole	7.440	162	511442	50.81	ppm		100
63) 1,1'-Biphenyl	7.494	154	1430159	49.34	ppm		100
64) 2-Chloronaphthalene	7.510	162	1420729	50.50	ppm		99
65) 1-Chloronaphthalene	7.547	162	898686	51.55	ppm		100
66) 2-Nitroaniline	7.681	65	444882	52.02	ppm		98
67) 1,4-Naphthoquinone	7.783	158	468646	53.37	ppm		98
68) Acenaphthylene	8.173	152	1903409	49.45	ppm		100
69) Dimethylphthalate	8.018	163	1424040	49.99	ppm		100
70) m-Dinitrobenzene	8.050	168	231147	52.50	ppm	#	26
71) 2,6-Dinitrotoluene	8.093	165	339837	51.14	ppm		98
72) Acenaphthene	8.478	153	1220393	49.49	ppm		100
73) 3-Nitroaniline	8.376	138	317318	51.64	ppm		99
74) 2,4-Dinitrophenol	8.574	184	126740	53.55	ppm		98
75) Dibenzofuran	8.783	168	1633737	49.60	ppm		99
76) Pentachlorobenzene	10.377	250	341280	48.88	ppm	#	99
77) 2,4-Dinitrotoluene	8.804	165	415438	51.15	ppm		98
78) 4-Nitrophenol	8.847	109	118878	51.42	ppm		96
79) 1-Naphthylamine	8.922	143	770375	49.96	ppm		99
80) 2-Naphthylamine	9.072	143	588765	46.89	ppm		99
81) 2,3,4,6-Tetrachlorophenol	9.050	232	252505	53.92	ppm		97
82) Fluorene	9.409	166	1352121	49.14	ppm		99
83) 4-Chlorophenyl-phenyle...	9.435	204	598726	48.29	ppm		99
84) Diethylphthalate	9.280	149	1477126	50.10	ppm		100
85) 5-Nitro-o-toluidine	9.478	152	411165	51.54	ppm		97
86) Thionazin	10.275	97	211132	50.97	ppm	#	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:35:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
87)	4-Nitroaniline	9.510	138	299769	49.91	ppm		99
89)	4,6-Dinitro-2-methylph...	9.575	198	208240	52.32	ppm		98
90)	n-Nitrosodiphenylamine	9.681	169	1192016	49.85	ppm		100
91)	1,2-Diphenylhydrazine	9.735	77	1532107	49.68	ppm		100
92)	Diphenylamine	9.681	169	1192016	49.85	ppm		100
94)	Tetraethyl dithiopyrop...	10.051	97	248876	49.76	ppm		97
95)	sym-Trinitrobenzene	10.307	213	145764	49.07	ppm	#	1
96)	Diallate	10.270	43	694191	49.59	ppm		98
97)	Phorate	10.281	75	1303082	54.47	ppm		99
98)	4-Bromophenyl-phenylether	10.377	248	350943	48.29	ppm		99
99)	Phenacetin	10.382	108	664929	49.09	ppm		99
100)	Hexachlorobenzene	10.494	284	376052	47.62	ppm		99
101)	Dimethoate	10.612	87	492981	48.05	ppm		100
102)	Atrazine	10.799	200	259551	46.24	ppm		99
103)	4-aminobiphenyl	10.906	169	1104414	47.53	ppm		100
104)	Pentachlorophenol	10.938	266	130033	46.63	ppm		94
105)	Pentachloronitrobenzene	10.944	237	156936	49.26	ppm		99
106)	Pronamide	11.115	173	641312	48.57	ppm		99
107)	Phenanthrene	11.281	178	1901924	48.45	ppm		99
108)	Anthracene	11.382	178	1940639	49.23	ppm		100
109)	Disulfoton	11.324	88	981206	49.10	ppm		97
110)	Carbazole	11.746	167	1784502	49.25	ppm		100
111)	Methyl parathion	12.072	109	436213	49.19	ppm		99
112)	Di-n-butylphthalate	12.586	149	2579759	47.96	ppm		100
113)	4-Nitroquinoline 1-Oxide	12.891	190	117677	65.22	ppm		97
114)	Parathion	12.917	97	320975	50.17	ppm		98
115)	Methapyrilene	13.126	58	236972	45.34	ppm		100
116)	Isodrin	13.404	193	240013	47.75	ppm		98
117)	Fluoranthene	13.730	202	1966825	52.01	ppm		100
119)	Benzidine	14.067	184	447856	38.29	ppm		100
120)	Pyrene	14.190	202	2059609	50.28	ppm		100
122)	Aramite	14.645	185	129752	52.22	ppm		97
123)	p-(Dimethylamine)azobe...	14.923	120	667267	51.68	ppm		99
124)	Chlorobenzilate	15.057	139	729666	51.63	ppm		99
126)	3,3'-Dimethylbenzidine	15.624	212	563718	49.01	ppm		99
128)	Butylbenzylphthalate	15.715	149	1010311	50.87	ppm		99
129)	2-Acetylaminofluorene	16.169	181	500491	50.28	ppm		99
130)	3,3'-Dichlorobenzidine	16.752	252	416116	48.99	ppm		99
131)	Benzo[a]anthracene	16.752	228	1494868	49.14	ppm		99
132)	Chrysene	16.827	228	1425604	48.57	ppm		100
133)	bis(2-Ethylhexyl)phtha...	16.998	149	1333836	49.92	ppm		100
135)	Di-n-octylphthalate	18.293	149	1861045	48.00	ppm		100
136)	Benzo[b]fluoranthene	18.892	252	1020009	46.46	ppm		100
137)	Benzo[k]fluoranthene	18.940	252	1013356	48.65	ppm		99
138)	7,12-Dimethylbenz(a)an...	18.881	256	454264	50.29	ppm	#	100
140)	Benzo[a]pyrene	19.464	252	900448	48.84	ppm		98
141)	3-Methylcholanthrene	20.133	268	419685	51.32	ppm		100
142)	Indeno[1,2,3-cd]pyrene	21.721	276	674598	55.57	ppm		99
143)	Dibenz[a,h]anthracene	21.759	278	564088	58.29	ppm		99
144)	Benzo[g,h,i]perylene	22.326	276	508512	54.87	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:35:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

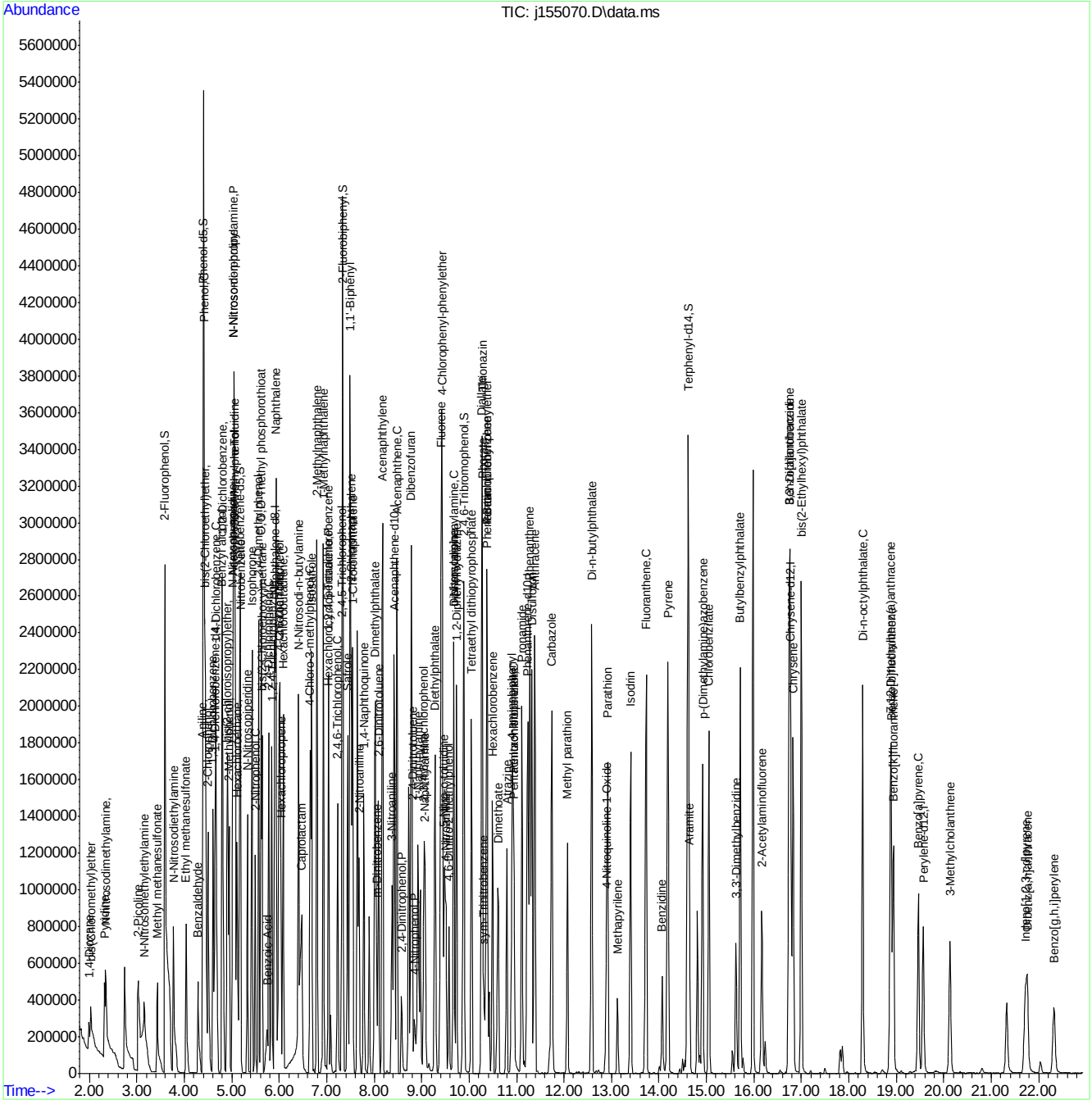
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

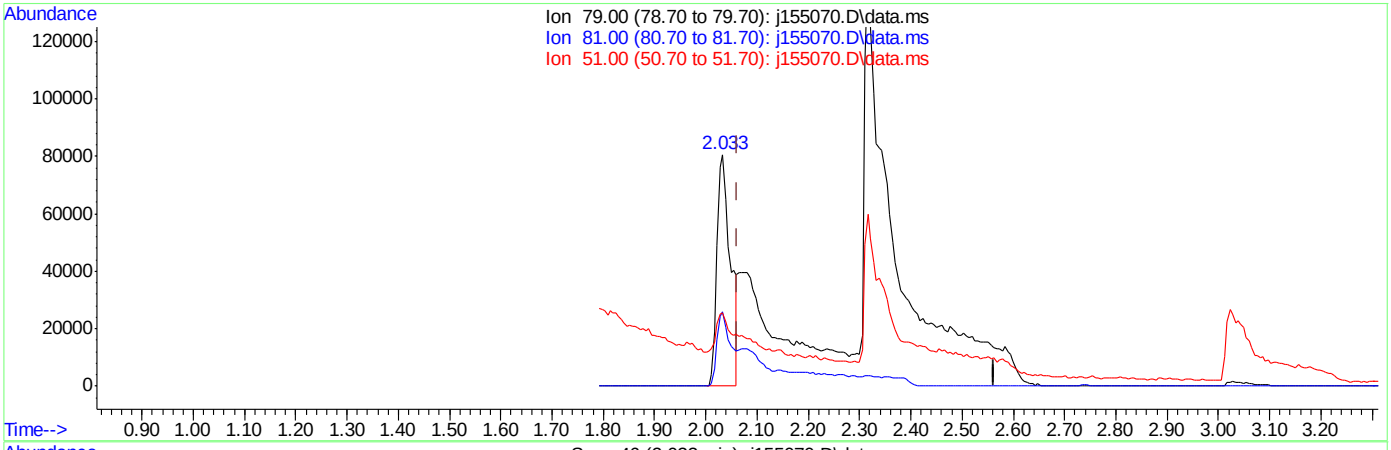
Quant Time: Sep 07 11:35:54 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration

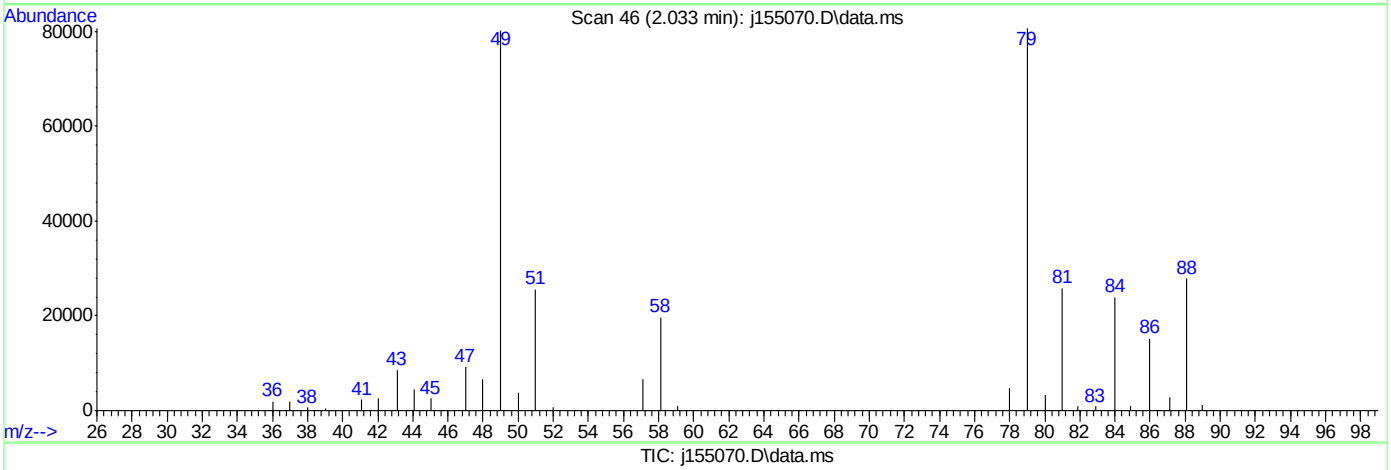


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration





(2) bis(Chloromethyl)ether

2.033min (-0.029) 18.88ppm

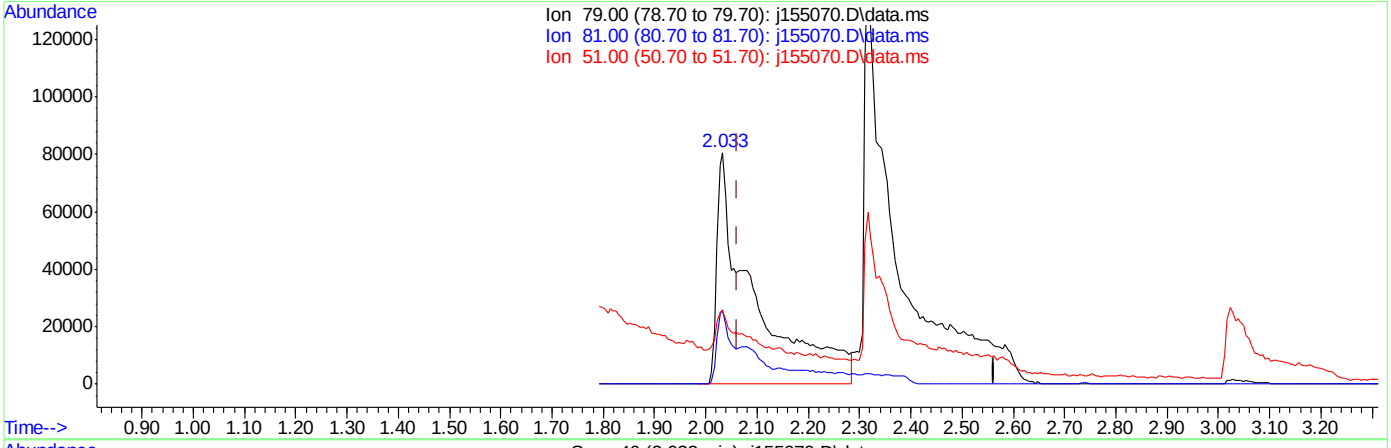
response 147847

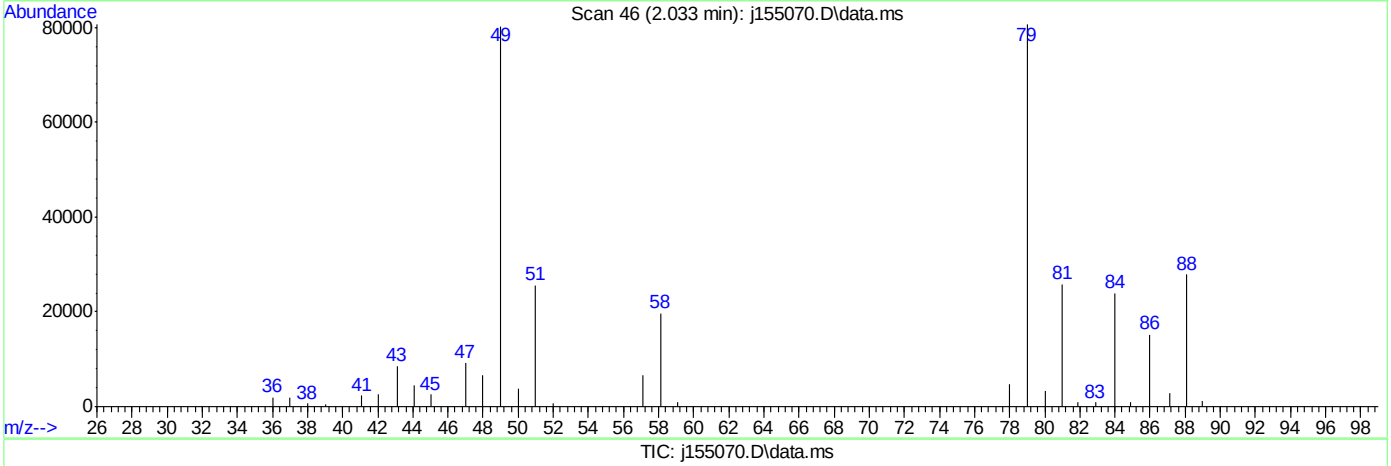
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	32.38#
51.00	4.40	25.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On    :  7 Sep 2010  10:37 am
Operator  : sheilac
Sample    : cc921-50
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





(2) bis(Chloromethyl)ether

2.033min (-0.029) 51.04ppm m

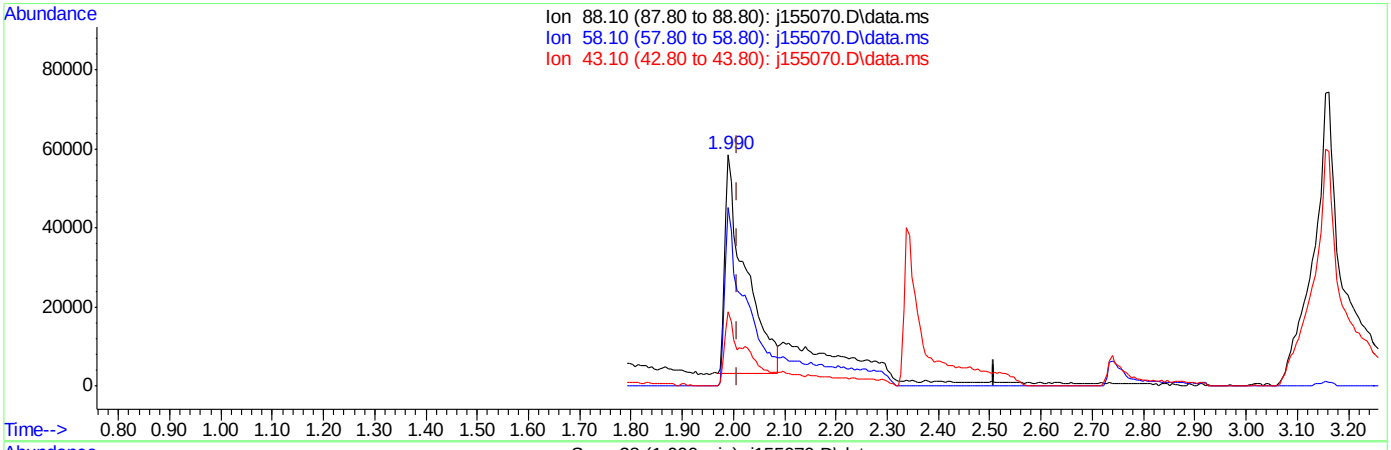
response 399758

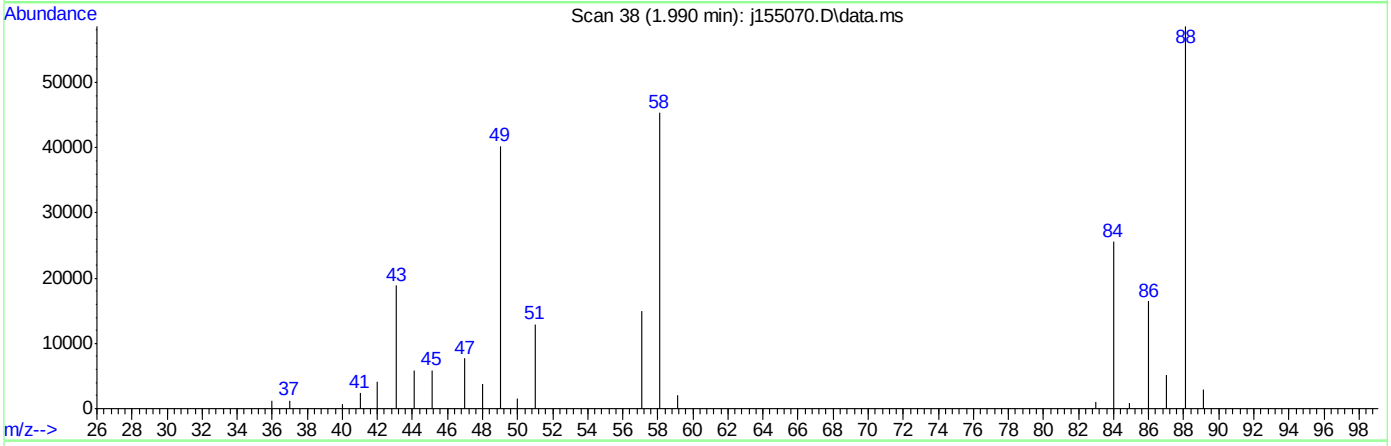
Ion	Exp%	Act%
79.00	100	100
81.00	10.30	11.98
51.00	4.40	9.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration





(3) 1,4-Dioxane

1.990min (-0.018) 22.35ppm

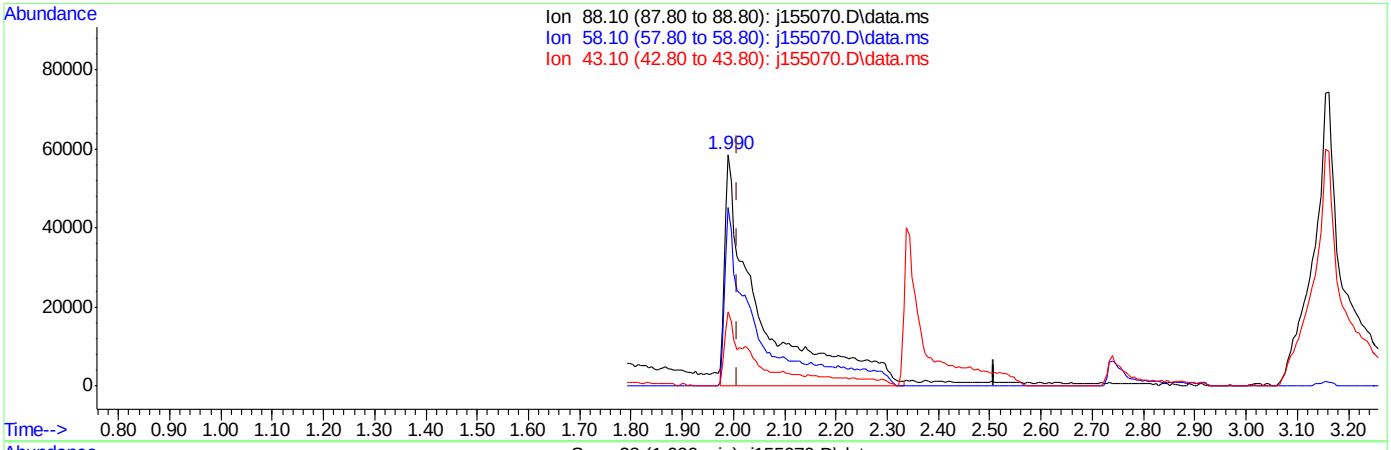
response 152970

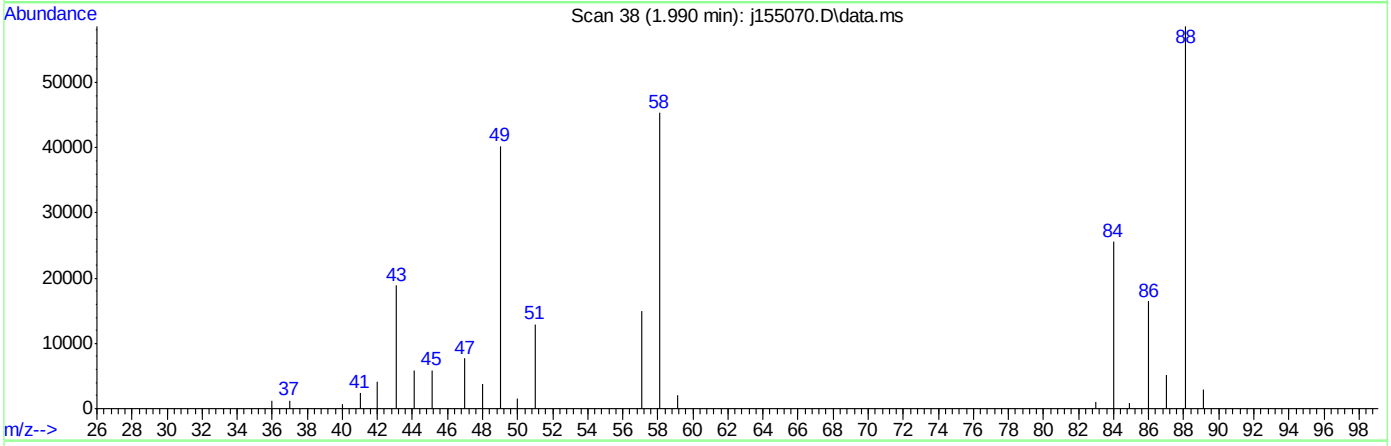
Ion	Exp%	Act%
88.10	100	100
58.10	18.60	90.32#
43.10	6.60	20.05
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On    :  7 Sep 2010  10:37 am
Operator  : sheilac
Sample    : cc921-50
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155070.D\data.ms

(3) 1,4-Dioxane

1.990min (-0.018) 50.85ppm m

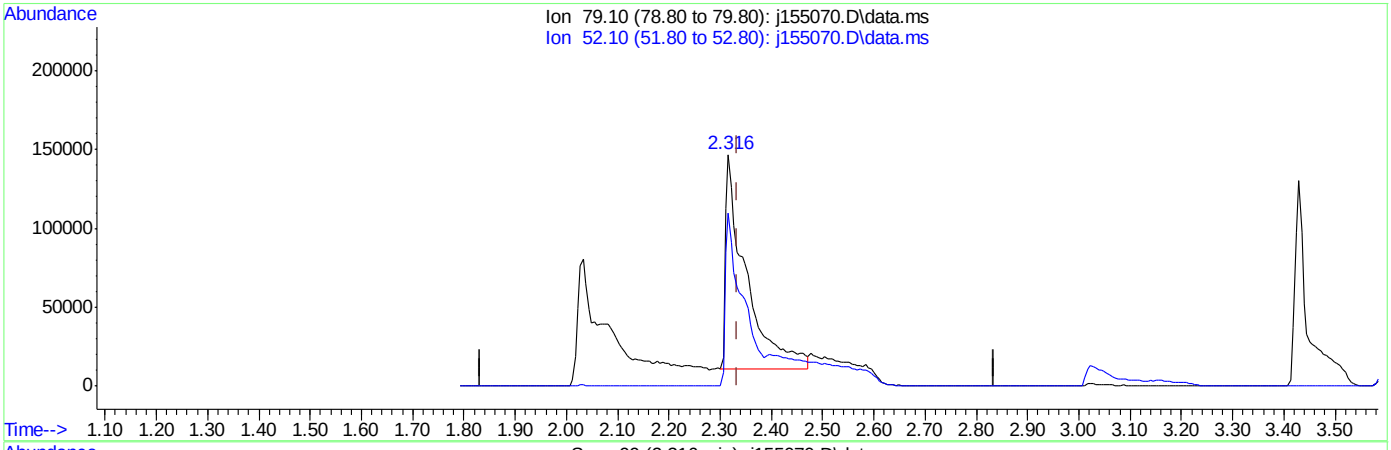
response 278028

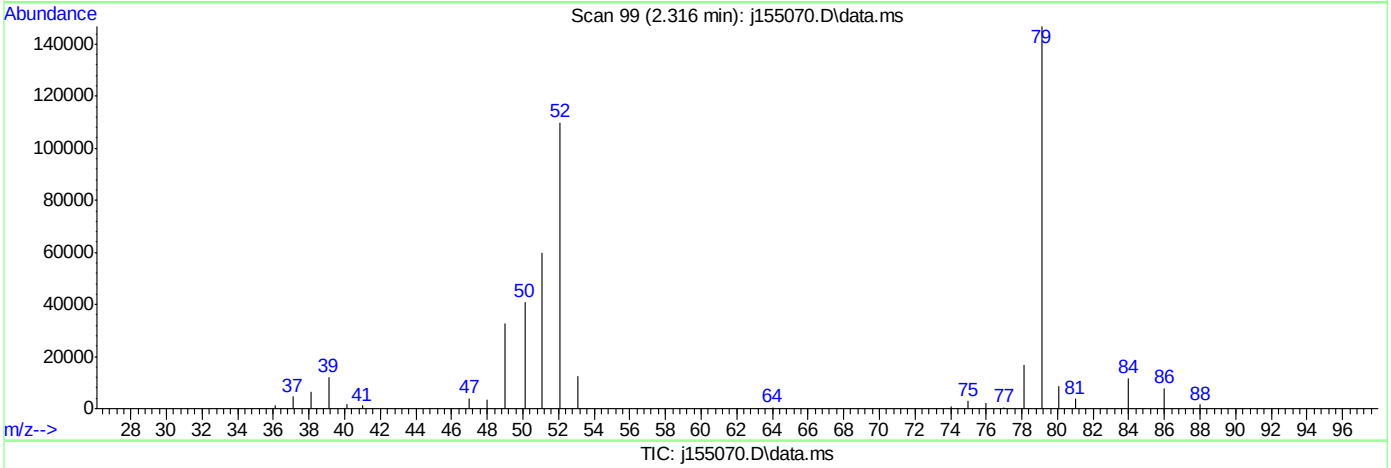
Ion	Exp%	Act%
88.10	100	100
58.10	18.60	49.69#
43.10	6.60	11.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration





TIC: j155070.D\data.ms

(5) Pyridine ( )

2.316min (-0.018) 29.41ppm

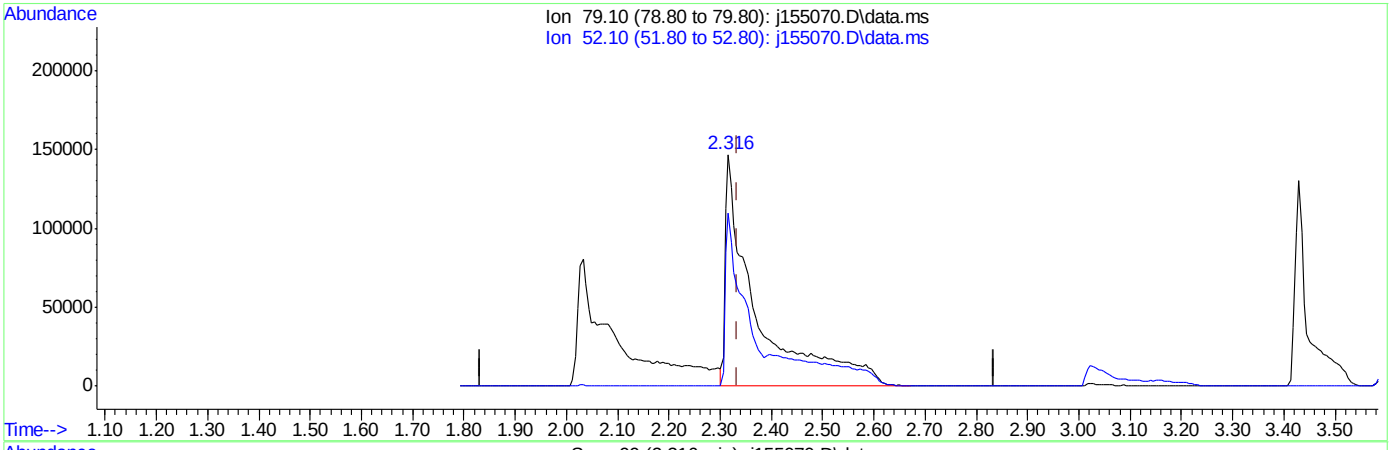
response 375982

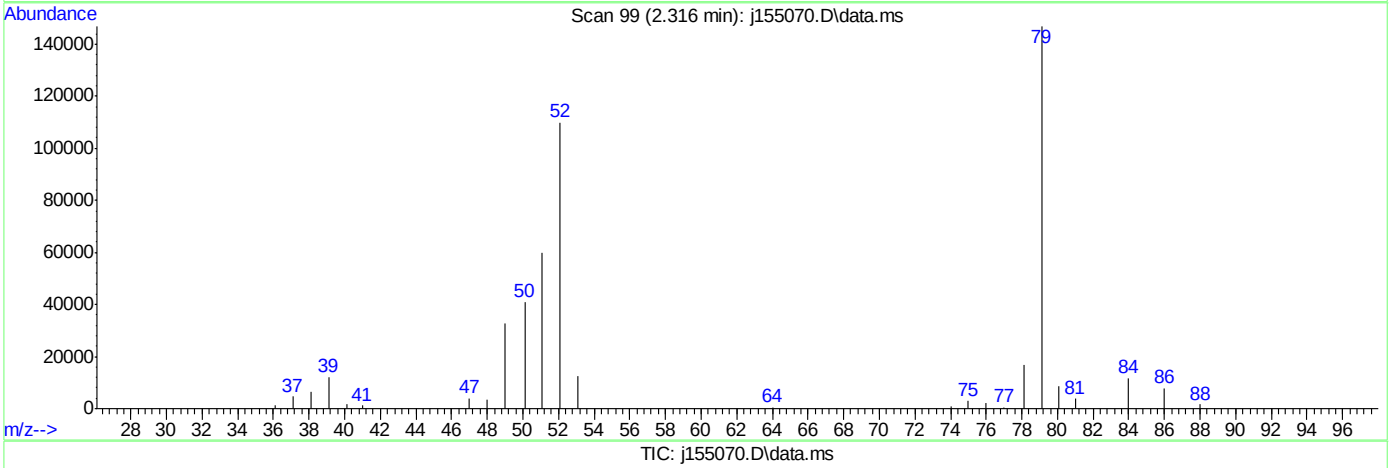
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	69.10#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On : 7 Sep 2010 10:37 am
Operator : sheilac
Sample : cc921-50
Misc : op14950,Ej923,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration





TIC: j155070.D\data.ms

(5) Pyridine ( )

2.316min (-0.018) 48.13ppm m

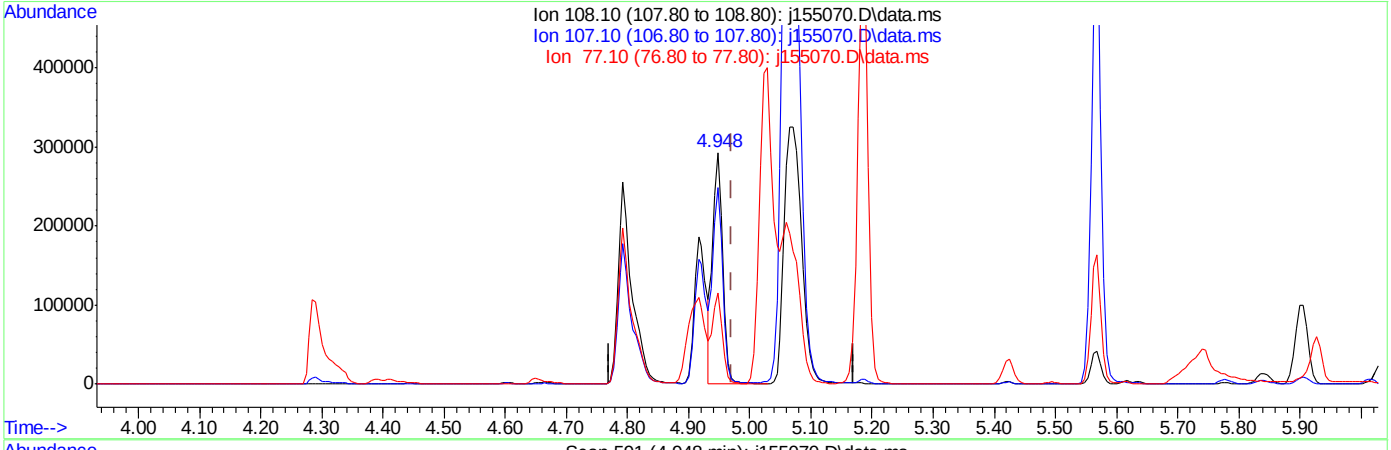
response 615361

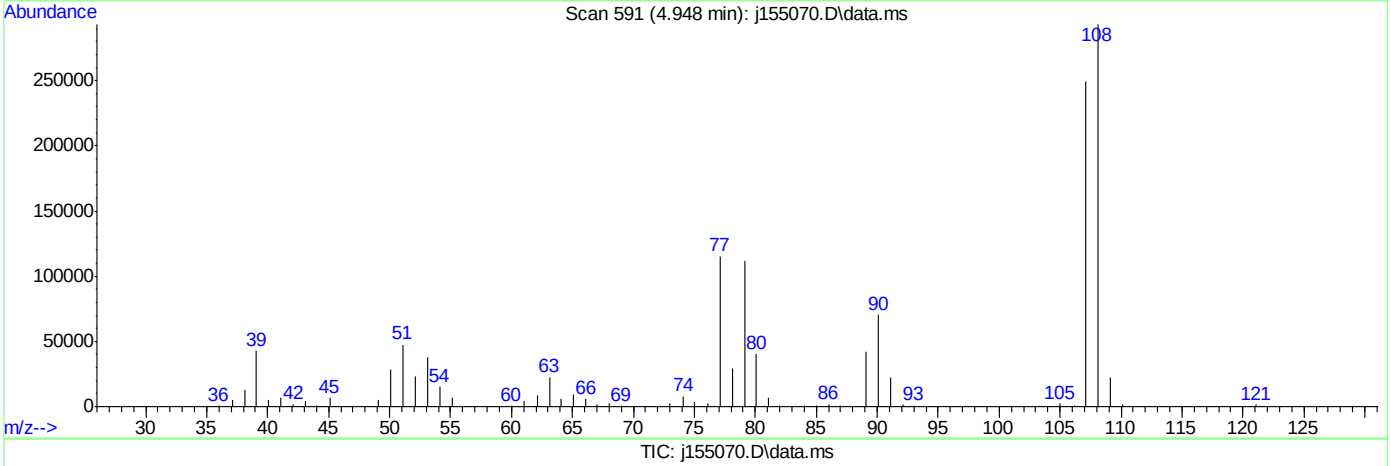
Ion	Exp%	Act%
79.10	100	100
52.10	36.60	42.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On    :  7 Sep 2010  10:37 am
Operator  : sheilac
Sample    : cc921-50
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
```





TIC: j155070.D\data.ms

(23) 2-Methylphenol ( )

4.948min (-0.023) 29.72ppm

response 326422

Ion	Exp%	Act%
108.10	100	100
107.10	51.60	84.54#
77.10	24.30	38.84
0.00	0.00	0.00

8.6.97

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ej923\
Data File : j155070.D
Acq On    :  7 Sep 2010  10:37 am
Operator  : sheilac
Sample    : cc921-50
Misc      : op14950,Ej923,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:01:06 2010
Quant Method : C:\msdchem\1\METHODS\ej921ap9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sun Sep 05 14:56:38 2010
Response via : Initial Calibration
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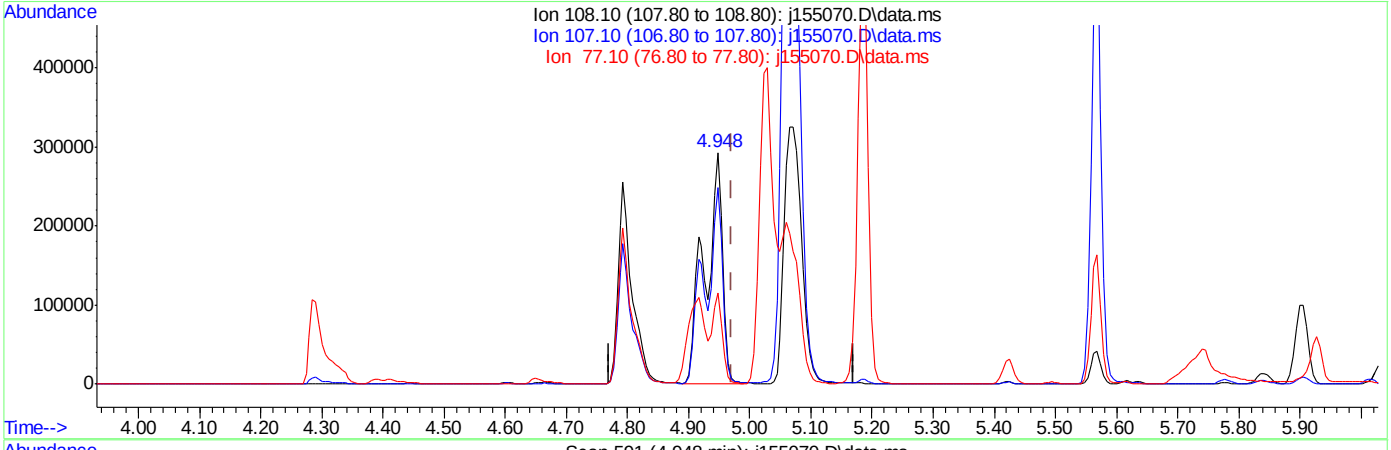
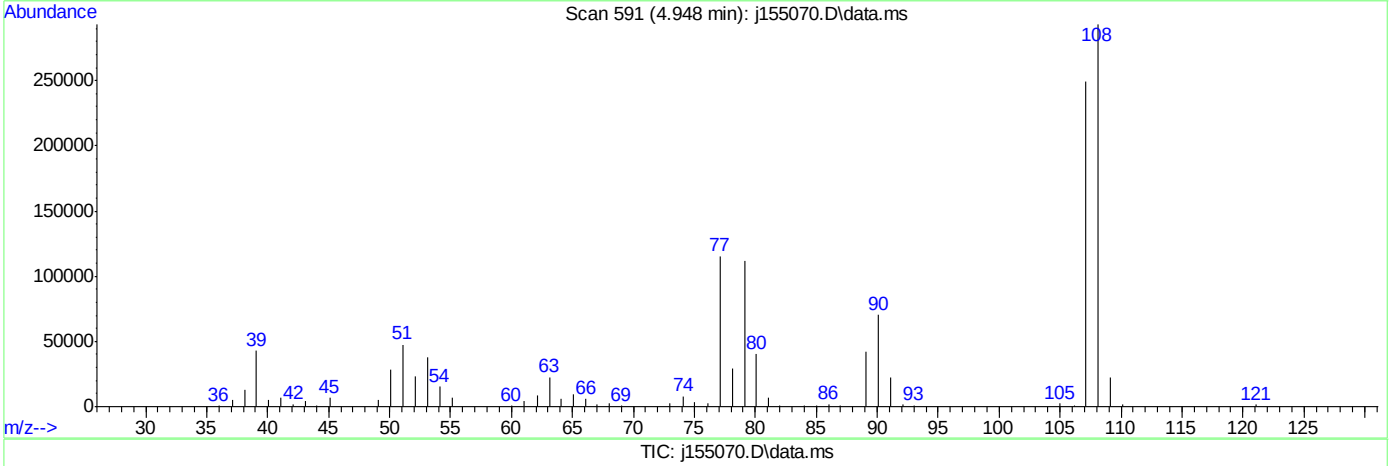




TIC: j155070.D\data.ms

(23) 2-Methylphenol ( )

4.948min (-0.023) 53.21ppm m

response 584440

Ion	Exp%	Act%
108.10	100	100
107.10	51.60	47.22
77.10	24.30	21.69
0.00	0.00	0.00

8.6.9.8

8

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:42:18 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.859	152	370622	40.00	ppm	0.00
31) Naphthalene-d8	4.865	136	1347882	40.00	ppm	0.00
57) Acenaphthene-d10	6.860	164	934503	40.00	ppm	0.00
88) Phenanthrene-d10	9.374	188	1754572	40.00	ppm	0.00
118) Chrysene-d12	14.669	240	1637008	40.00	ppm	0.00
134) Perylene-d12	17.354	264	829985	40.00	ppm	0.00
System Monitoring Compounds						
13) 2-Fluorophenol	2.838	112	1969824m	168.21	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 168.21%#			
15) Phenol-d5	3.688	99	2426037	167.36	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 167.36%#			
32) Nitrobenzene-d5	4.319	82	1256663	85.88	ppm	0.00
Spiked Amount 50.000	Range 29 - 115		Recovery = 171.76%#			
61) 2-Fluorobiphenyl	5.999	172	2425288	81.00	ppm	0.00
Spiked Amount 50.000	Range 34 - 113		Recovery = 162.00%#			
93) 2,4,6-Tribromophenol	8.165	330	903696	152.27	ppm	0.00
Spiked Amount 100.000	Range 32 - 128		Recovery = 152.27%#			
121) Terphenyl-d14	12.663	244	3043790	78.79	ppm	0.00
Spiked Amount 50.000	Range 12 - 145		Recovery = 157.58%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.174	79	340331	39.47	ppm	# 76
3) 1,4-Dioxane	1.169	88	192106m	44.56	ppm	
4) N-nitrosodimethylamine	1.436	42	270994	44.02	ppm	94
5) Pyridine	1.393	79	553745m	40.62	ppm	
6) 2-Picoline	2.169	93	568290m	40.37	ppm	
7) N-Nitrosomethylethylamine	2.351	42	360904m	41.69	ppm	
8) Methyl methanesulfonate	2.672	80	320379	39.55	ppm	99
9) N-Nitrosodiethylamine	3.019	102	288793	42.37	ppm	99
10) Ethyl methanesulfonate	3.314	79	473379	42.36	ppm	100
11) Benzaldehyde	3.517	106	172117	61.64	ppm	100
12) Aniline	3.624	93	880922	45.71	ppm	98
14) bis(2-Chloroethyl)ether	3.693	93	557924	37.45	ppm	# 75
16) Phenol	3.699	94	669919	41.16	ppm	81
17) 2-Chlorophenol	3.725	128	533376	40.94	ppm	98
18) 1,3-Dichlorobenzene	3.811	146	637079	41.26	ppm	100
19) 1,4-Dichlorobenzene	3.875	146	657561	42.77	ppm	100
20) 1,2-Dichlorobenzene	3.993	146	616011	42.67	ppm	99
21) Benzyl alcohol	4.020	108	394880	42.47	ppm	97
22) bis(2-chloroisopropyl)...	4.116	45	1132051	47.07	ppm	98
23) 2-Methylphenol	4.180	108	554943m	42.41	ppm	
24) N-Nitrosopyrrolidine	4.223	100	324649	43.79	ppm	94
25) N-Nitrosomorpholine	4.239	56	426064	44.67	ppm	95
26) o-Toluidine	4.234	106	946684	42.12	ppm	# 60
27) Acetophenone	4.212	105	796391	41.41	ppm	# 19
28) Hexachloroethane	4.244	117	257031	43.45	ppm	95
29) N-Nitroso-di-n-propyla...	4.250	70	411529	43.53	ppm	94
30) 3&4-Methylphenol	4.287	108	575147	43.64	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:42:18 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	4.335	77	653559	43.32	ppm		99
34) N-Nitrosopiperidine	4.453	42	556346	42.96	ppm		100
35) A,A-Dimethylphenethyla...	5.614	58	2616131m	45.62	ppm		
36) Isophorone	4.528	82	1339255	42.41	ppm		100
37) 2-Nitrophenol	4.571	139	265021	36.74	ppm		99
38) 2,4-Dimethylphenol	4.667	107	617591	41.41	ppm		98
39) bis(2-Chloroethoxy)met...	4.710	93	847500m	41.46	ppm		
40) O,O,O-Triethyl phospho...	4.699	121	278303	43.28	ppm		99
41) Benzoic Acid	4.817	105	147582	30.64	ppm		87
42) 2,4-Dichlorophenol	4.795	162	460801	40.26	ppm		98
43) 1,2,4-Trichlorobenzene	4.822	180	558018	41.20	ppm		100
44) Naphthalene	4.881	128	1579765	41.64	ppm		100
45) 4-Chloroaniline	4.956	127	658291	40.64	ppm		93
46) 2,6-Dichlorophenol	4.966	162	453414	40.42	ppm		99
47) Hexachloropropene	4.961	213	200234	30.08	ppm		99
48) Hexachlorobutadiene	5.009	225	359935	41.88	ppm		99
49) p-Phenylenediamine	5.303	108	213048m	33.10	ppm		
50) Caprolactam	5.362	113	233400	43.92	ppm		97
51) N-Nitrosodi-n-butylamine	5.287	84	511171	41.53	ppm		99
52) 4-Chloro-3-methylphenol	5.496	107	547083	43.22	ppm		100
53) Isosafrole	5.480	162	462508	41.33	ppm		97
54) 2-Methylnaphthalene	5.544	142	1142780	41.85	ppm		99
55) 1-Methylnaphthalene	5.646	142	1120246	42.29	ppm		100
56) 1,2,4,5-Tetrachloroben...	5.737	216	573858	40.81	ppm		100
58) Hexachlorocyclopentadiene	5.737	237	109441	26.53	ppm	#	27
59) 2,4,6-Trichlorophenol	5.913	196	357779	38.52	ppm		100
60) 2,4,5-Trichlorophenol	5.988	196	346793	38.24	ppm		99
62) Safrole	6.090	162	789302	37.23	ppm		94
63) 1,1'-Biphenyl	6.111	154	1292209	40.02	ppm		100
64) 2-Chloronaphthalene	6.116	162	1087846m	37.19	ppm		
65) 1-Chloronaphthalene	6.132	162	547090m	30.23	ppm		
66) 2-Nitroaniline	6.277	65	455504m	34.18	ppm		
67) 1,4-Naphthoquinone	6.346	158	455080	46.63	ppm		97
68) Acenaphthylene	6.646	152	1816596	40.52	ppm		99
69) Dimethylphthalate	6.592	163	1470344	41.75	ppm		100
70) m-Dinitrobenzene	6.475	168	222744	41.34	ppm		100
71) 2,6-Dinitrotoluene	6.640	165	324963	40.40	ppm	#	70
72) Acenaphthene	6.913	153	1189526	41.92	ppm		99
73) 3-Nitroaniline	6.870	138	319175	41.11	ppm	#	95
74) 2,4-Dinitrophenol	7.058	184	160369	41.42	ppm		93
75) Dibenzofuran	7.175	168	1672509	40.65	ppm		100
76) Pentachlorobenzene	7.122	250	537349	40.18	ppm		99
77) 2,4-Dinitrotoluene	7.256	165	464073	41.98	ppm		99
78) 4-Nitrophenol	7.352	109	175968	47.92	ppm	#	84
79) 1-Naphthylamine	7.304	143	924242	38.66	ppm		97
80) 2-Naphthylamine	7.453	143	785087	37.43	ppm		99
81) 2,3,4,6-Tetrachlorophenol	7.437	232	319788	42.53	ppm		99
82) Fluorene	7.721	166	1376695	40.29	ppm		99
83) 4-Chlorophenyl-phenyle...	7.774	204	706592	39.84	ppm		100
84) Diethylphthalate	7.699	149	1570220	41.36	ppm		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:42:18 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.849	152	448574	44.47	ppm	#	87
86)	Thionazin	7.839	97	399665	42.56	ppm		98
87)	4-Nitroaniline	7.881	138	361633	47.59	ppm		98
89)	4,6-Dinitro-2-methylph...	7.946	198	234837	39.23	ppm		98
90)	n-Nitrosodiphenylamine	8.020	169	1220870	38.96	ppm		100
91)	1,2-Diphenylhydrazine	8.047	77	1911849	41.13	ppm		97
92)	Diphenylamine	8.020	169	1220870	38.96	ppm		100
94)	Tetraethyl dithiopyrop...	8.416	97	323054	40.70	ppm		97
95)	sym-Trinitrobenzene	8.721	213	190770	41.84	ppm	#	93
96)	Diallate	8.577	43	748156	40.51	ppm		90
97)	Phorate	8.577	75	928570	34.30	ppm		99
98)	4-Bromophenyl-phenylether	8.630	248	441144	38.84	ppm		96
99)	Phenacetin	8.769	108	880018m	42.11	ppm		
100)	Hexachlorobenzene	8.700	284	472321	37.52	ppm		95
101)	Dimethoate	8.908	87	623577	49.08	ppm		99
102)	Atrazine	9.111	200	315171	38.71	ppm		95
103)	4-aminobiphenyl	9.138	169	1280715	40.63	ppm		99
104)	Pentachlorophenol	9.149	266	222161	39.72	ppm		98
105)	Pentachloronitrobenzene	9.122	237	214857m	39.52	ppm		
106)	Pronamide	9.395	173	717430	38.87	ppm		99
107)	Phenanthrene	9.422	178	2070767	39.42	ppm		98
108)	Anthracene	9.518	178	2115349	40.41	ppm		99
109)	Disulfoton	9.550	88	1060139	43.89	ppm		92
110)	Carbazole	9.892	167	2118997	42.71	ppm		99
111)	Methyl parathion	10.251	109	574565	46.43	ppm		98
112)	Di-n-butylphthalate	10.796	149	3038520	41.35	ppm		100
113)	4-Nitroquinoline 1-Oxide	10.984	190	195513	44.65	ppm		99
114)	Parathion	11.080	97	451376	41.35	ppm		98
115)	Methapyrilene	11.256	58	353595	41.89	ppm	#	90
116)	Isodrin	11.401	193	306558	40.87	ppm		97
117)	Fluoranthene	11.727	202	2465063	42.07	ppm		99
119)	Benzidine	12.133	184	736425	38.62	ppm		100
120)	Pyrene	12.150	202	2559059	40.56	ppm		99
122)	Aramite	12.930	185	194842	41.78	ppm	#	78
123)	p-(Dimethylamine)azobe...	12.963	120	862103	41.25	ppm		97
124)	Chlorobenzilate	13.123	139	950290	40.83	ppm		97
126)	3,3'-Dimethylbenzidine	13.642	212	758430	35.14	ppm		99
127)	Famphur	13.604	218	132260	2.03	ppm	#	42
128)	Butylbenzylphthalate	13.792	149	1338582	40.58	ppm		98
129)	2-Acetylaminofluorene	14.193	181	635585	31.86	ppm		98
130)	3,3'-Dichlorobenzidine	14.712	252	564644	35.88	ppm		99
131)	Benzo[a]anthracene	14.637	228	2083170	39.59	ppm		100
132)	Chrysene	14.728	228	1864296	39.74	ppm		99
133)	bis(2-Ethylhexyl)phtha...	15.107	149	1825158	40.87	ppm		100
135)	Di-n-octylphthalate	16.370	149	2426318	50.26	ppm		100
136)	Benzo[b]fluoranthene	16.723	252	1352386	42.16	ppm		100
137)	Benzo[k]fluoranthene	16.771	252	1159025	48.32	ppm		99
138)	7,12-Dimethylbenz(a)an...	16.723	256	573658	44.61	ppm		99
140)	Benzo[a]pyrene	17.257	252	1125811	42.71	ppm		100
141)	3-Methylcholanthrene	17.905	268	524710	40.38	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:42:18 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.076	276	804031	33.66 ppm	99
143) Dibenz[a,h]anthracene	19.124	278	829169	42.60 ppm	98
144) Benzo[g,h,i]perylene	19.445	276	820615	44.04 ppm	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

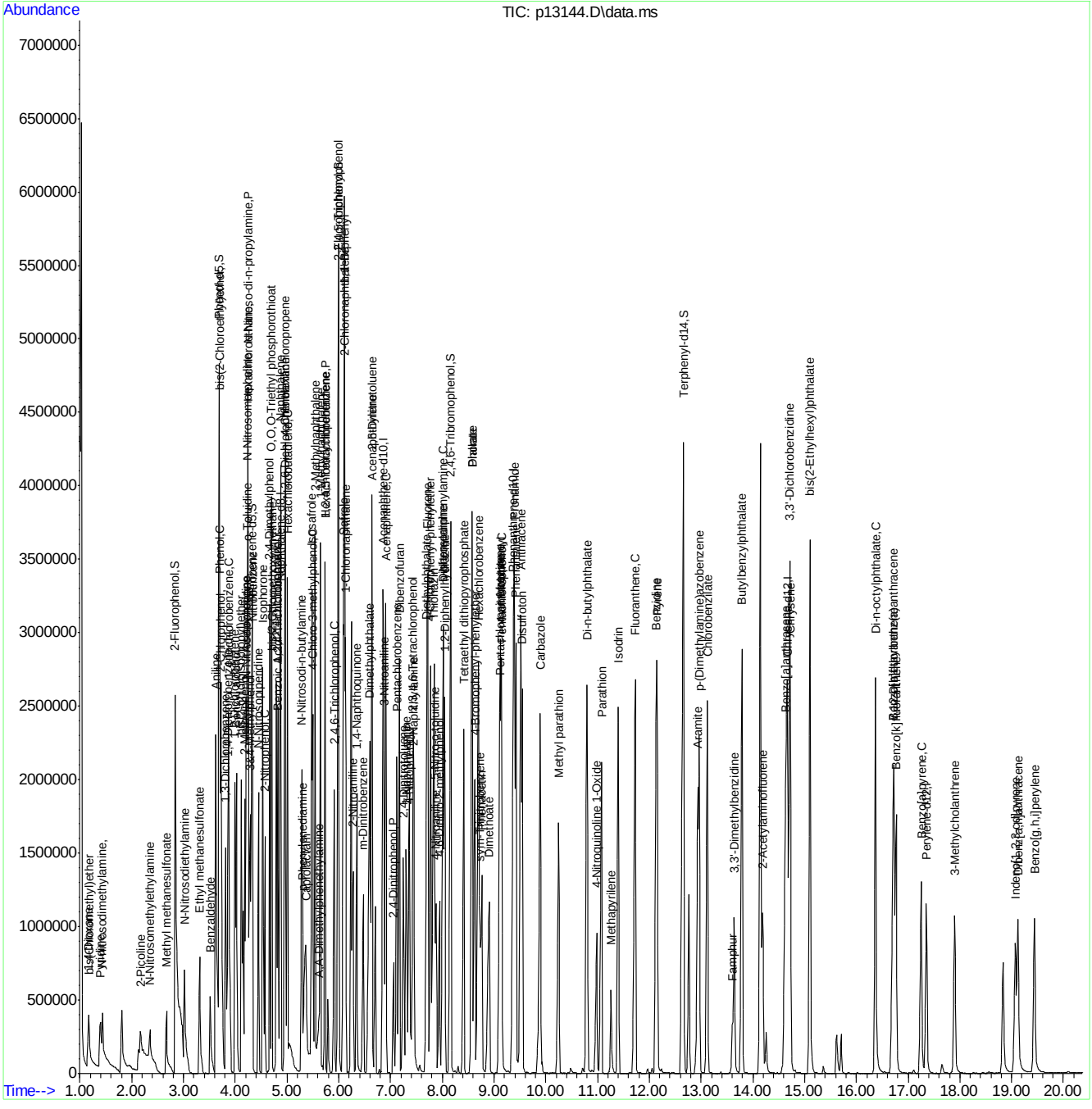
8.6.10

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

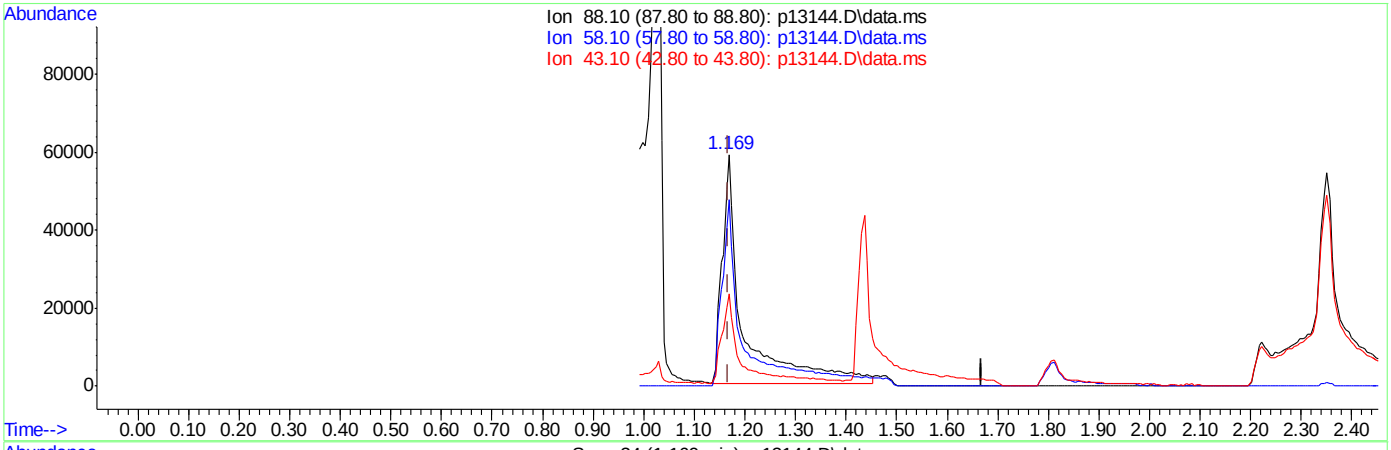
Quant Time: Sep 04 09:42:18 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration

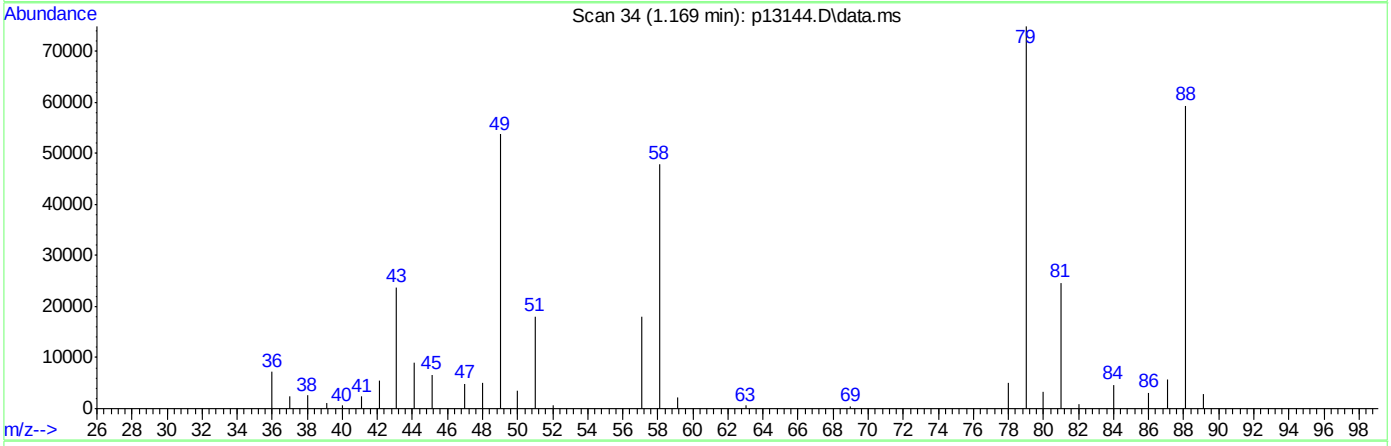


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(3) 1,4-Dioxane

1.169min (0.000) 39.93ppm

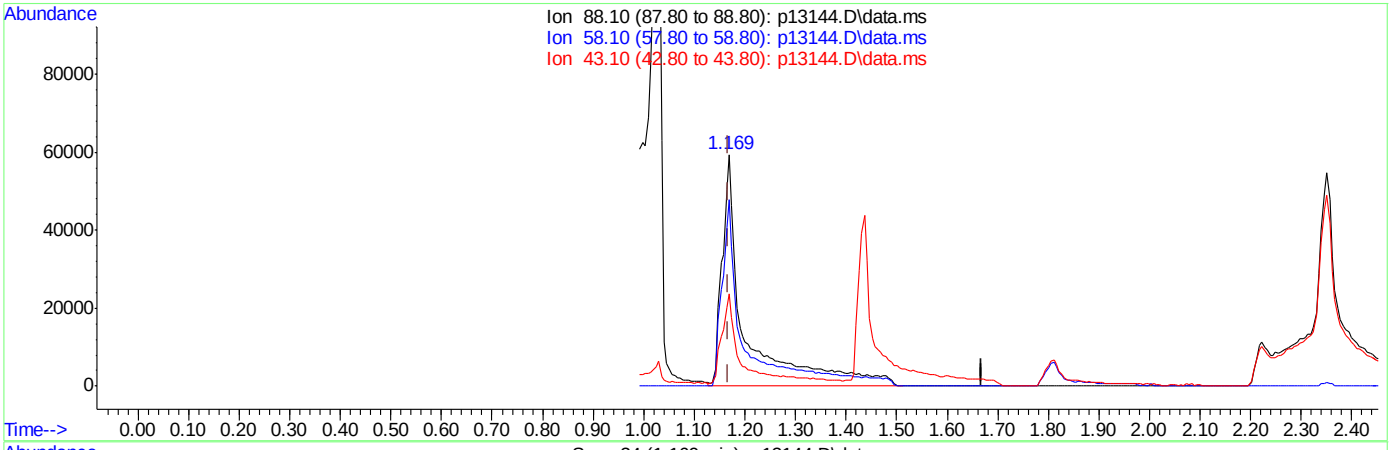
response 172343

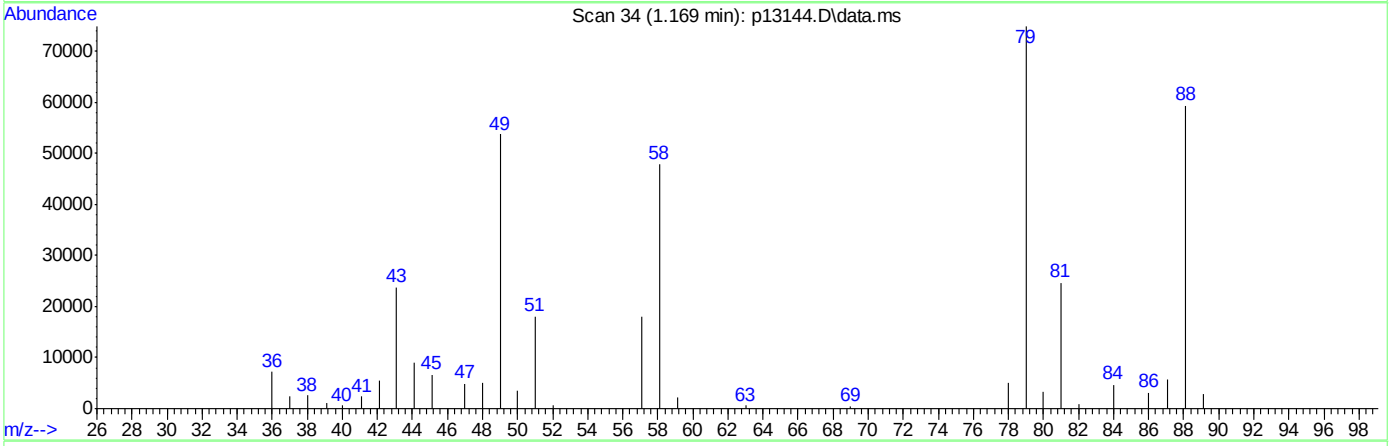
Ion	Exp%	Act%
88.10	100	100
58.10	80.70	88.35
43.10	40.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(3) 1,4-Dioxane

1.169min (0.000) 44.56ppm m

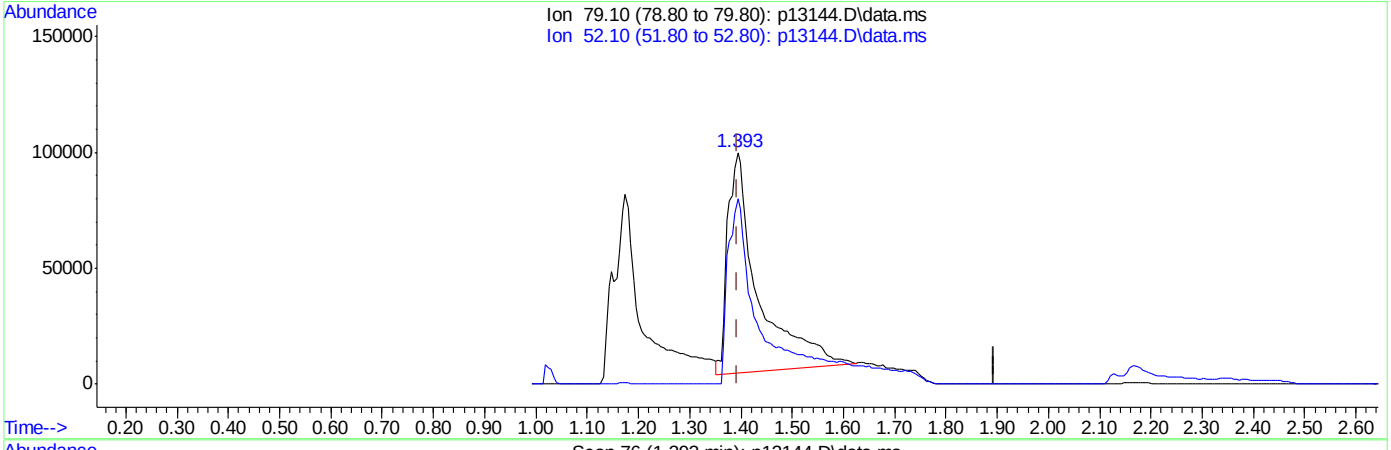
response 192106

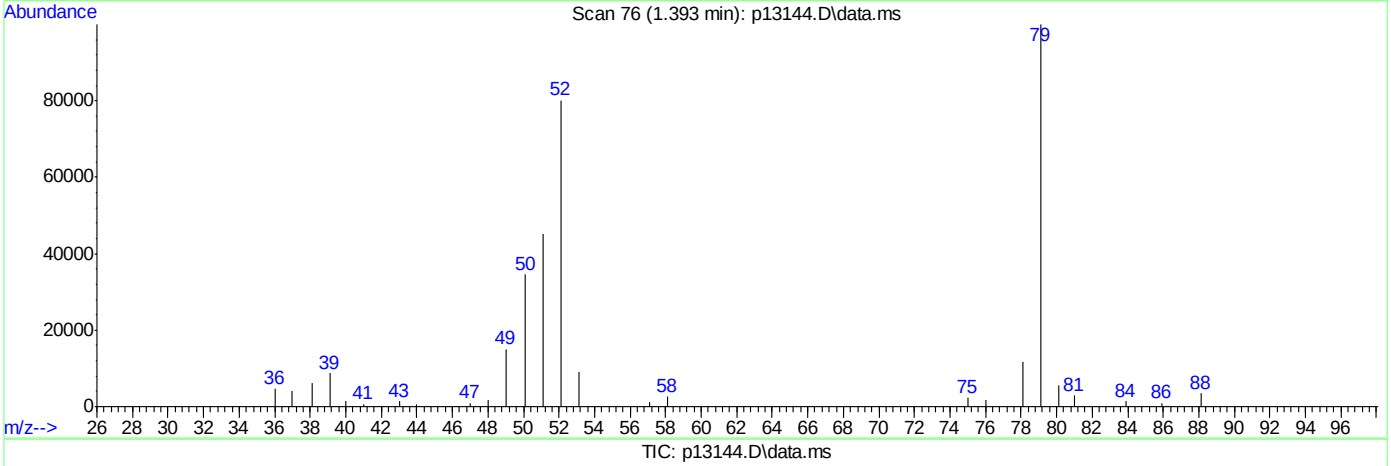
Ion	Exp%	Act%
88.10	100	100
58.10	80.70	79.26
43.10	40.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration





TIC: p13144.D\data.ms

(5) Pyridine ( )

1.393min (0.000) 28.91ppm

response 393812

Ion	Exp%	Act%
79.10	100	100
52.10	80.10	87.53
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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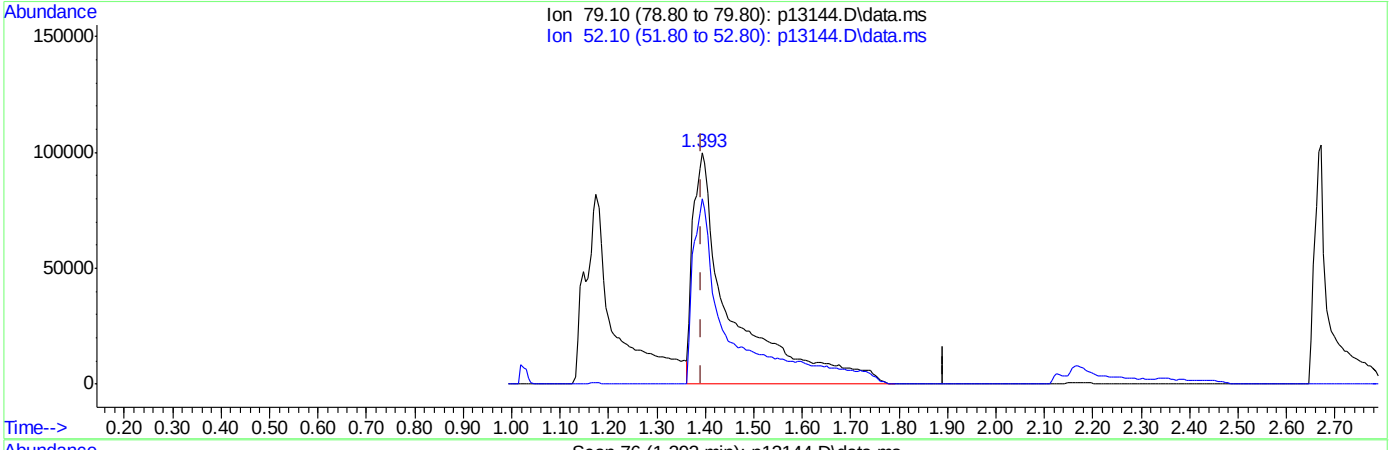
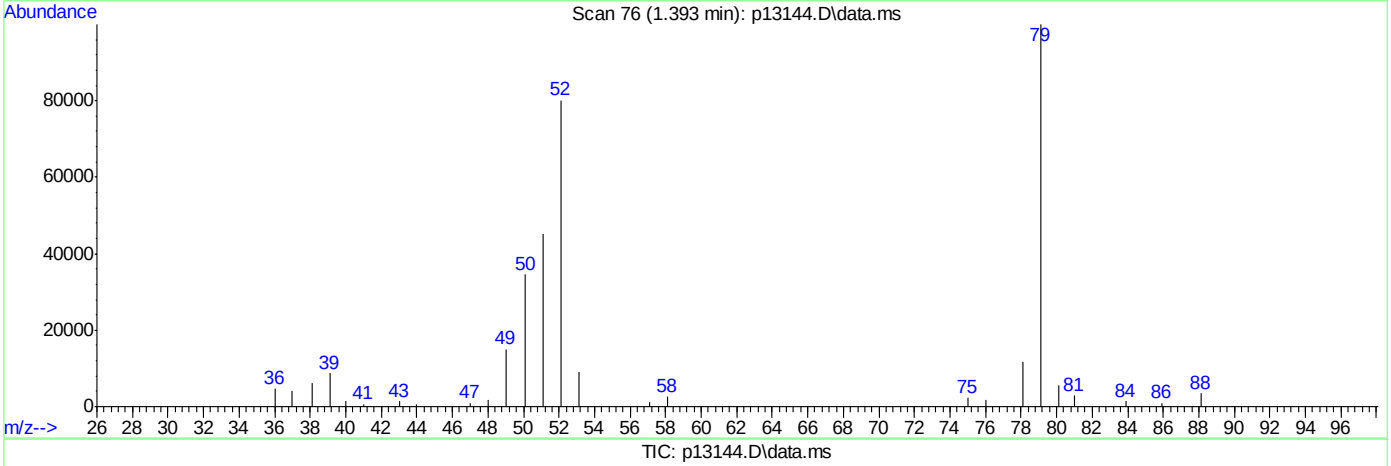




TIC: p13144.D\data.ms

(5) Pyridine ( )

1.393min (0.000) 40.62ppm m

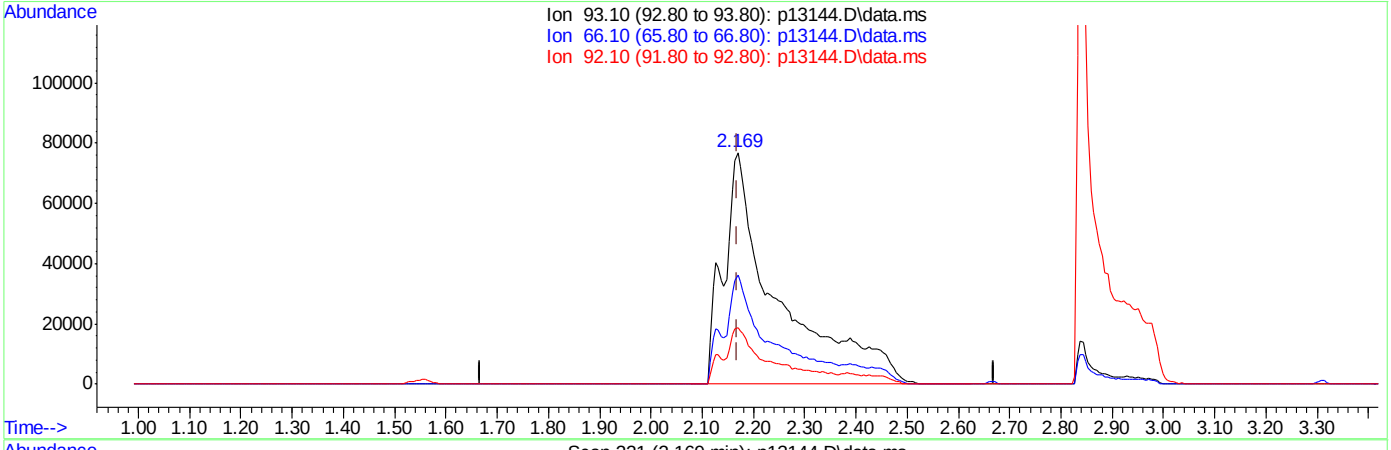
response 553745

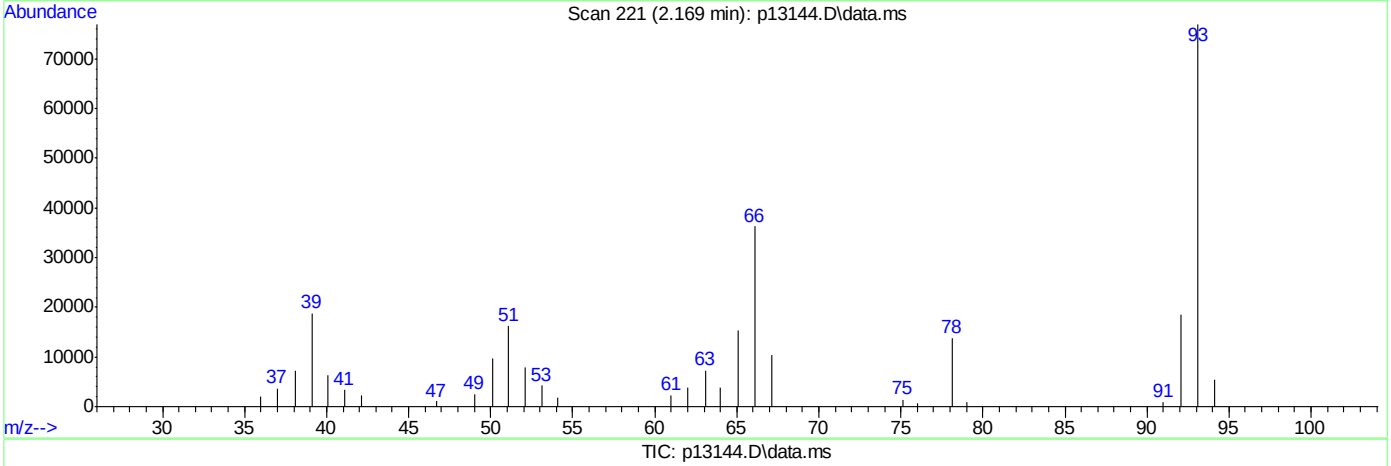
Ion	Exp%	Act%
79.10	100	100
52.10	80.10	62.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(6) 2-Picoline

2.169min (0.000) 40.37ppm m

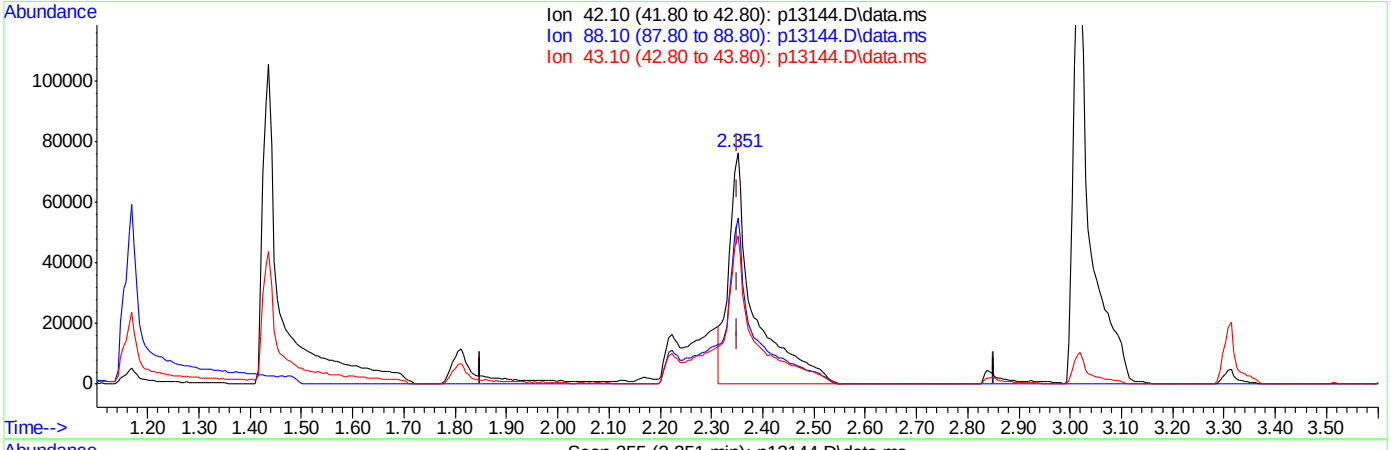
response 568290

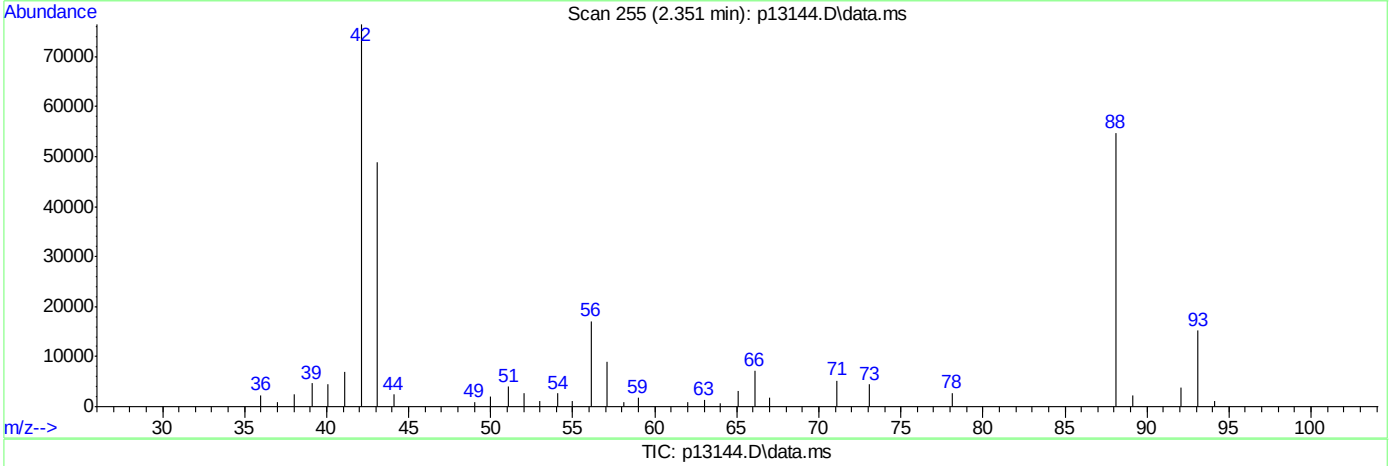
Ion	Exp%	Act%
93.10	100	100
66.10	47.10	20.34#
92.10	24.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (0.000) 30.44ppm

response 261584

Ion	Exp%	Act%
42.10	100	100
88.10	71.60	70.43
43.10	63.90	64.30
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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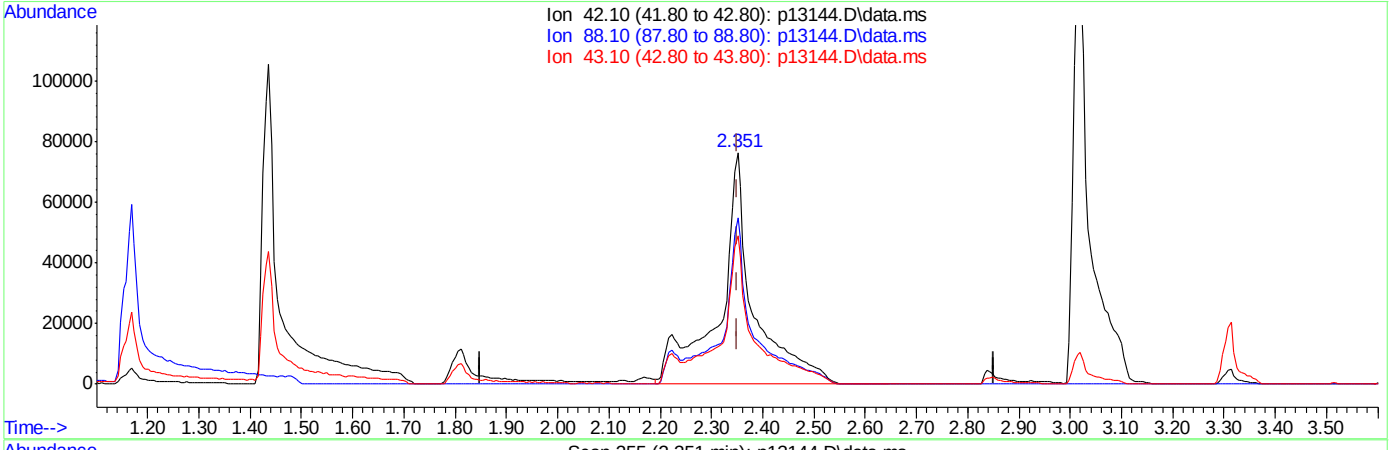

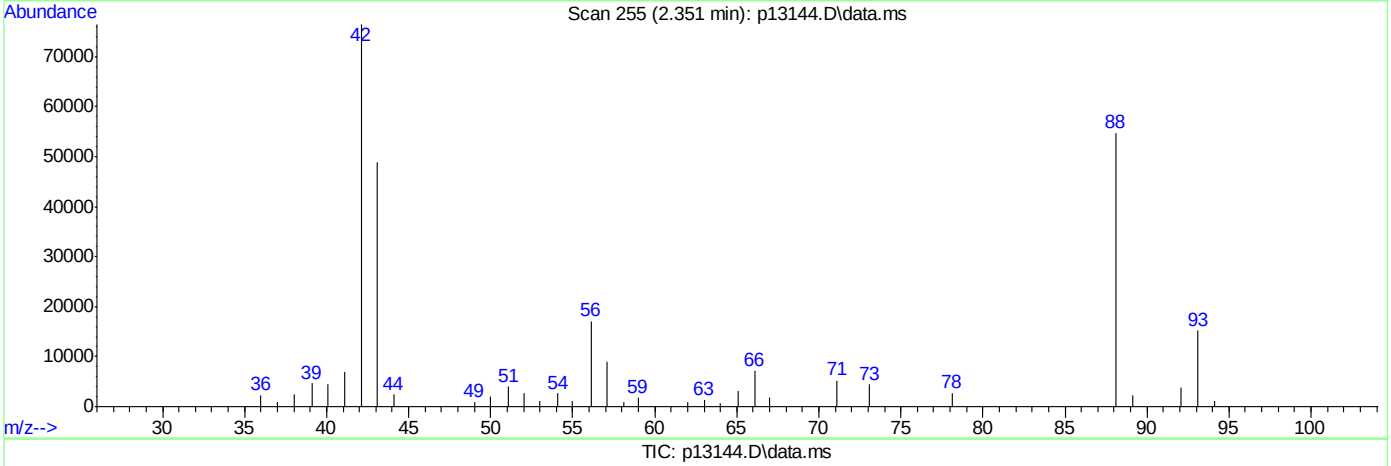

TIC: p13144.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (0.000) 41.69ppm m

response 360904

Ion	Exp%	Act%
42.10	100	100
88.10	71.60	51.05#
43.10	63.90	46.61#
0.00	0.00	0.00

8.6.10.7

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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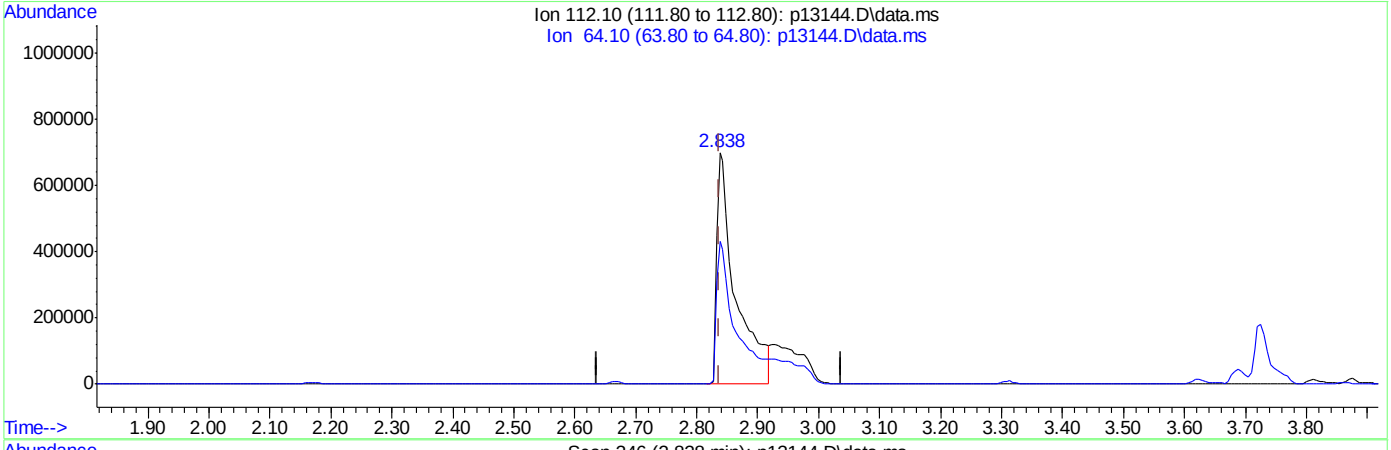

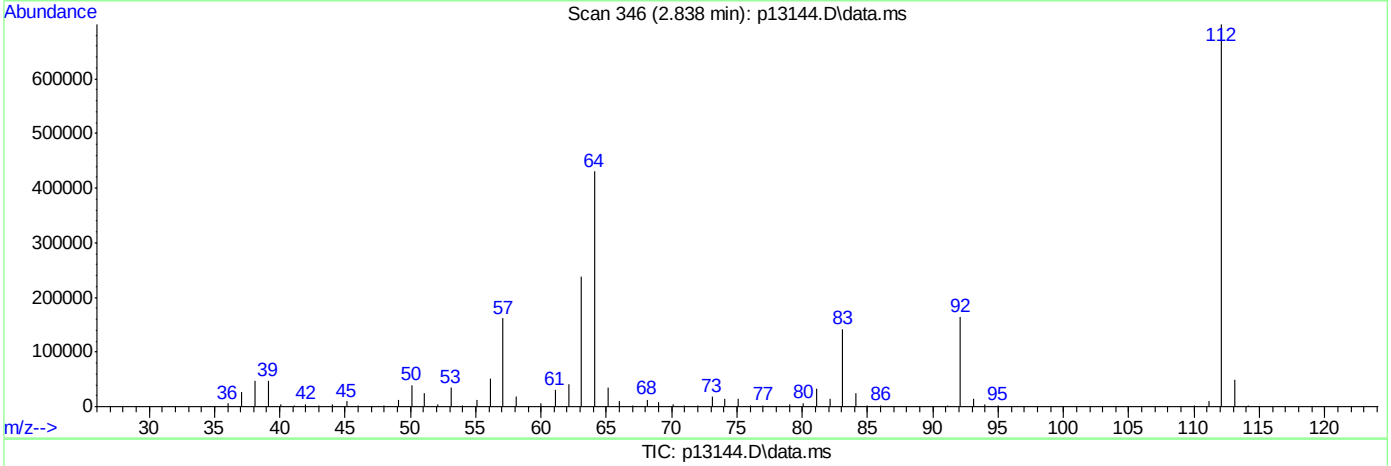

TIC: p13144.D\data.ms

(13) 2-Fluorophenol (S)

2.838min (0.000) 131.37ppm

response 1536085

Ion	Exp%	Act%
112.10	100	100
64.10	61.50	61.48
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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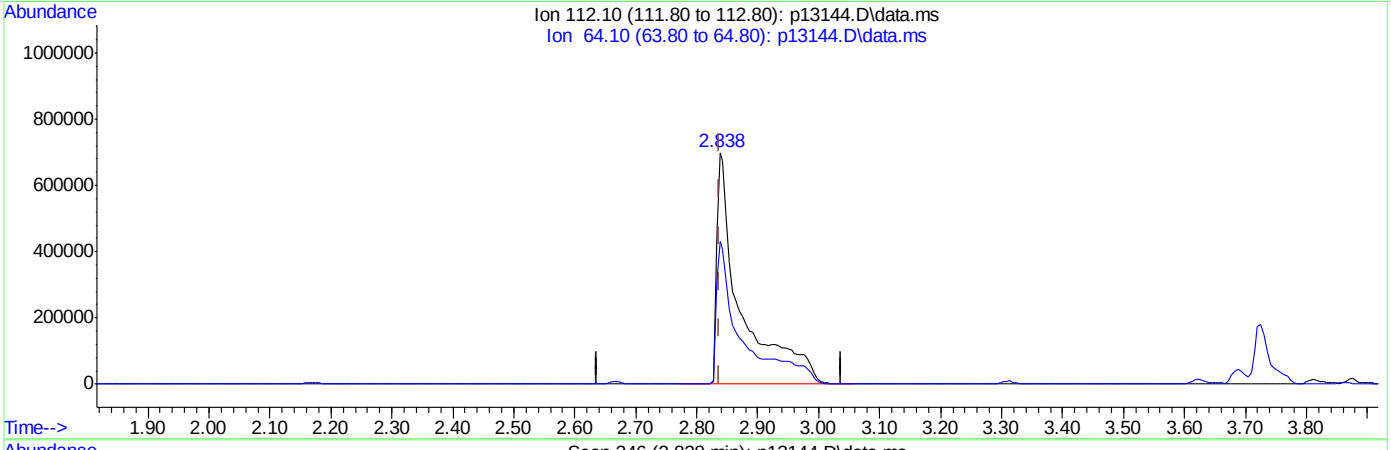
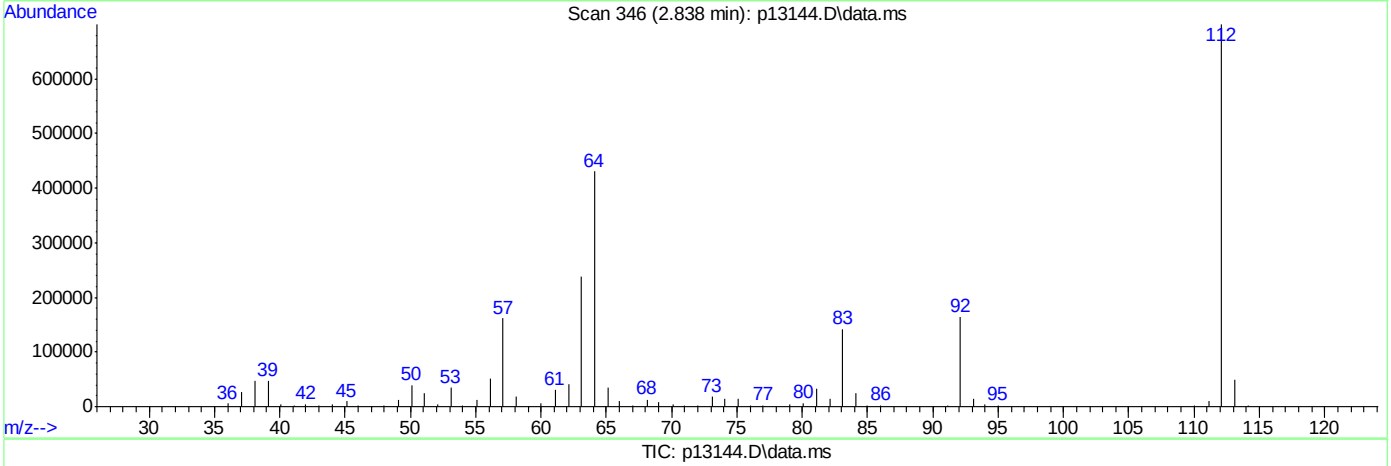




TIC: p13144.D\data.ms

(13) 2-Fluorophenol (S)

2.838min (0.000) 168.21ppm m

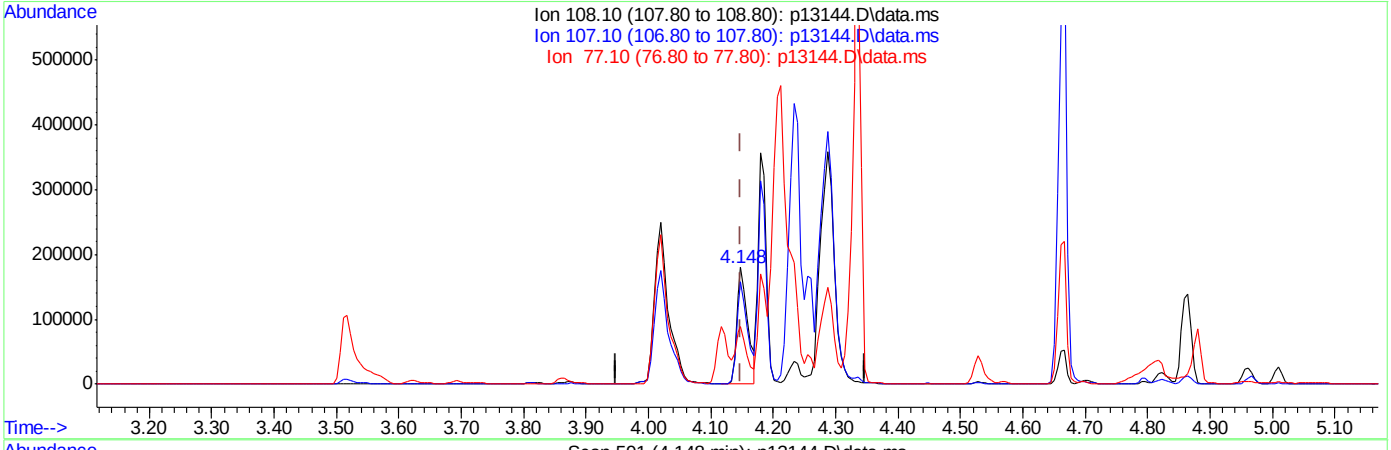
response 1969824

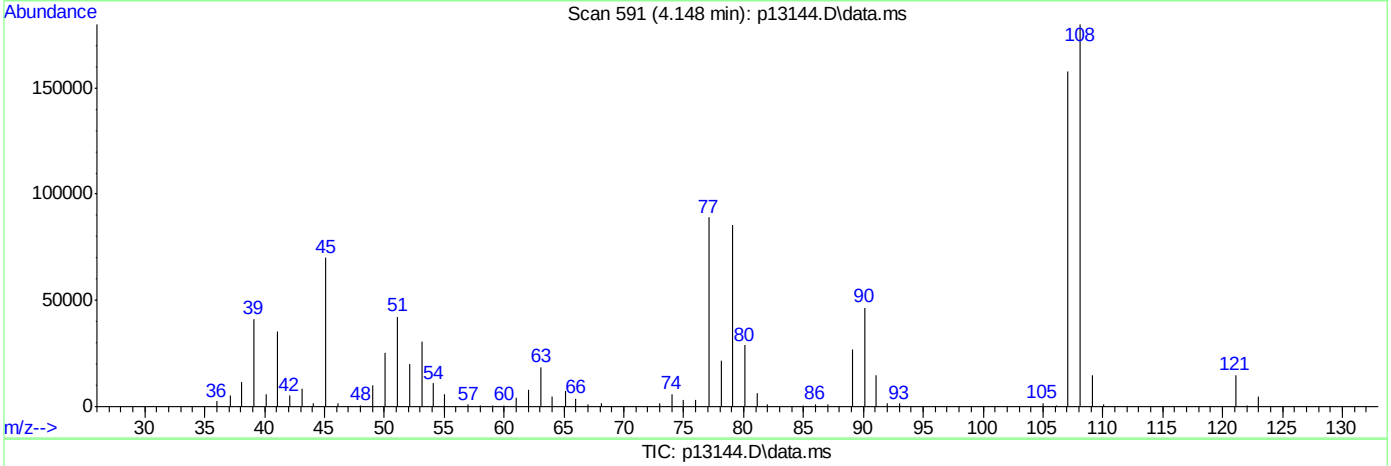
Ion	Exp%	Act%
112.10	100	100
64.10	61.50	47.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(23) 2-Methylphenol ( )

4.148min (0.000) 17.70ppm

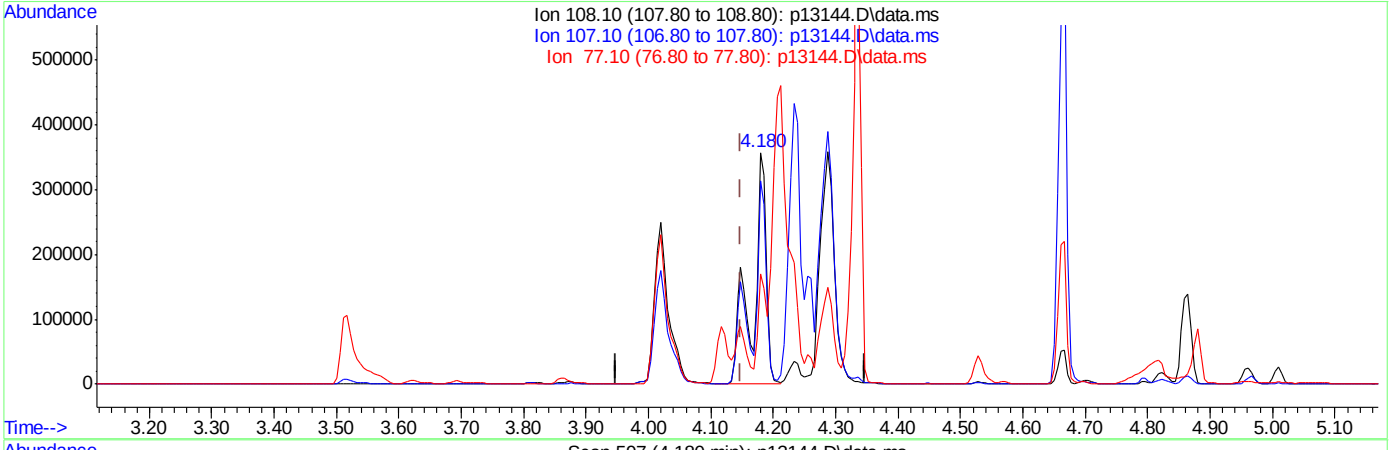
response 229082

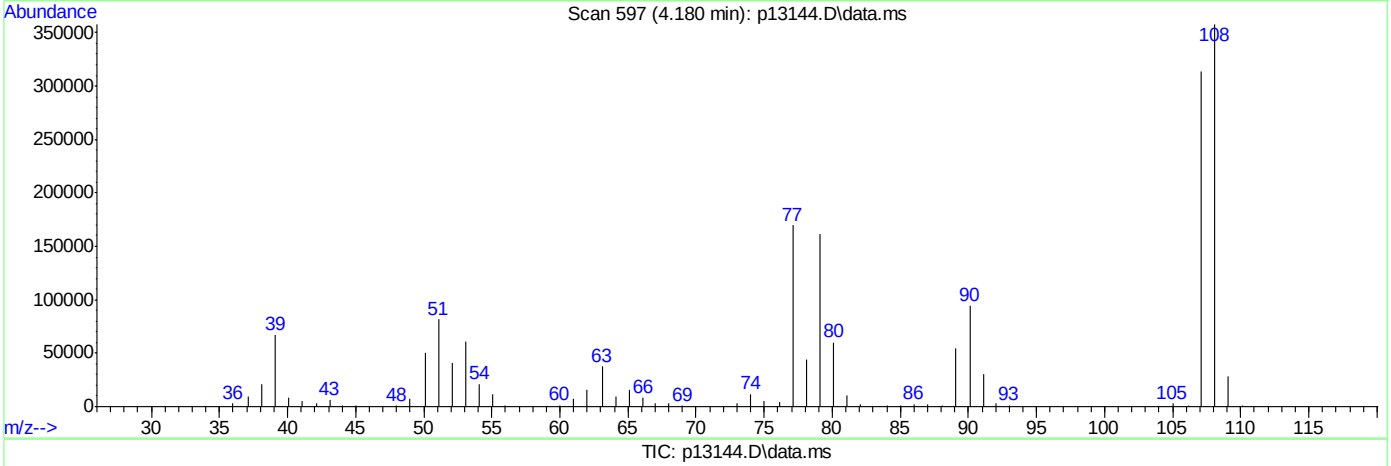
Ion	Exp%	Act%
108.10	100	100
107.10	87.60	87.73
77.10	49.50	40.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration





TIC: p13144.D\data.ms

(23) 2-Methylphenol ( )

4.180min (+0.032) 42.41ppm m

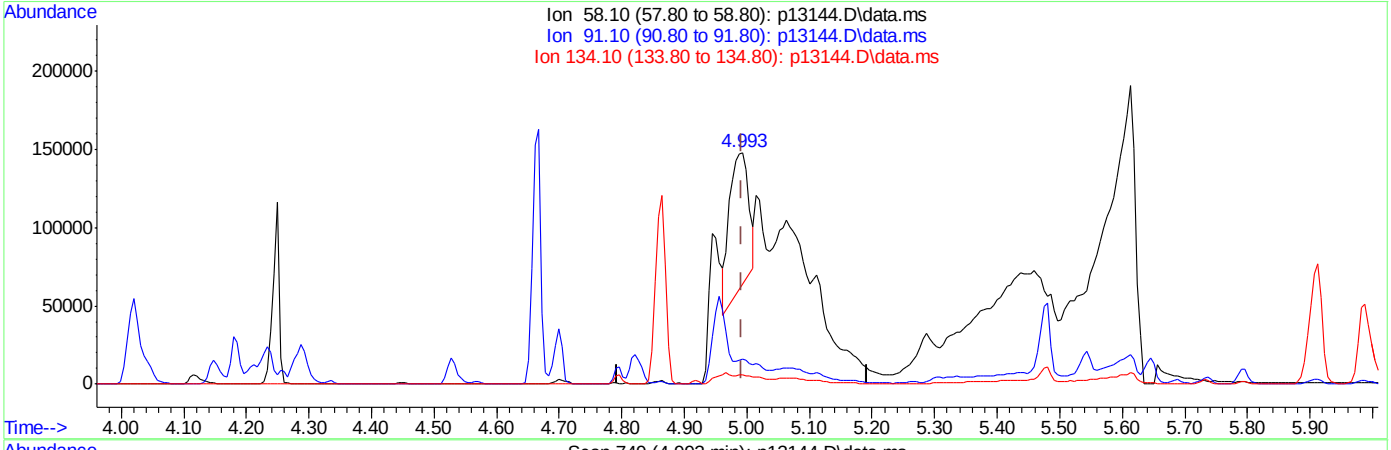
response 554943

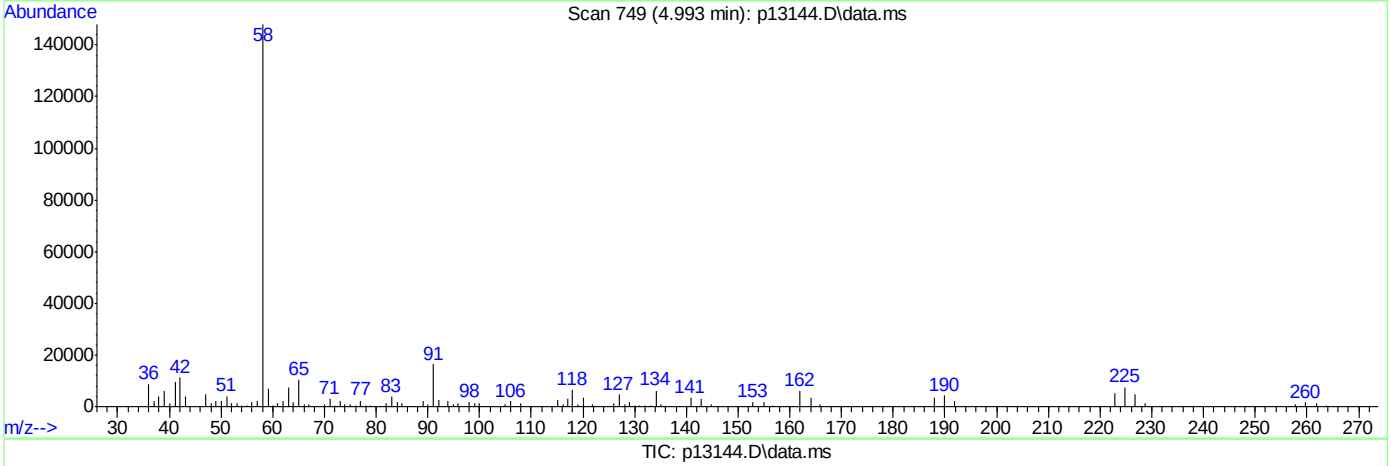
Ion	Exp%	Act%
108.10	100	100
107.10	87.60	36.21#
77.10	49.50	16.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(35) A,A-Dimethylphenethylamine

4.993min (0.000) 5.12ppm

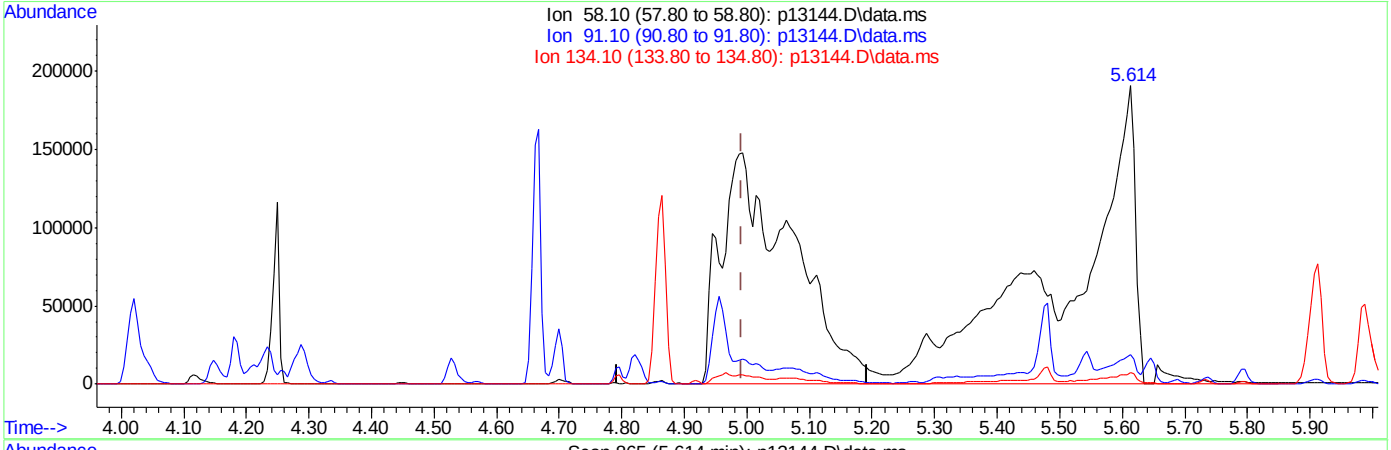
response 188344

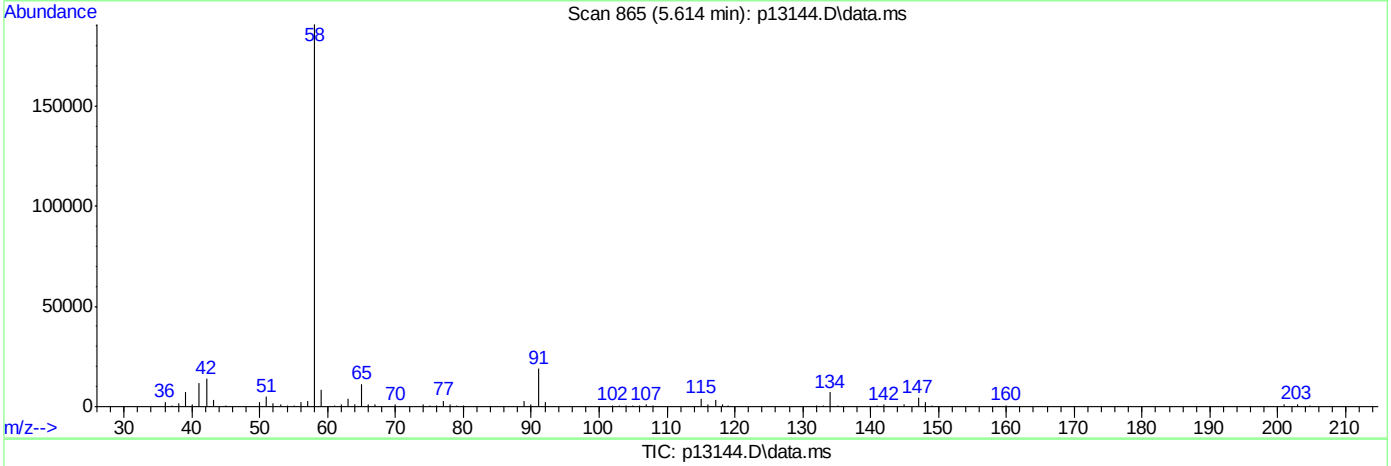
Ion	Exp%	Act%
58.10	100	100
91.10	11.00	0.00#
134.10	4.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(35) A,A-Dimethylphenethylamine

5.614min (+0.620) 45.62ppm m

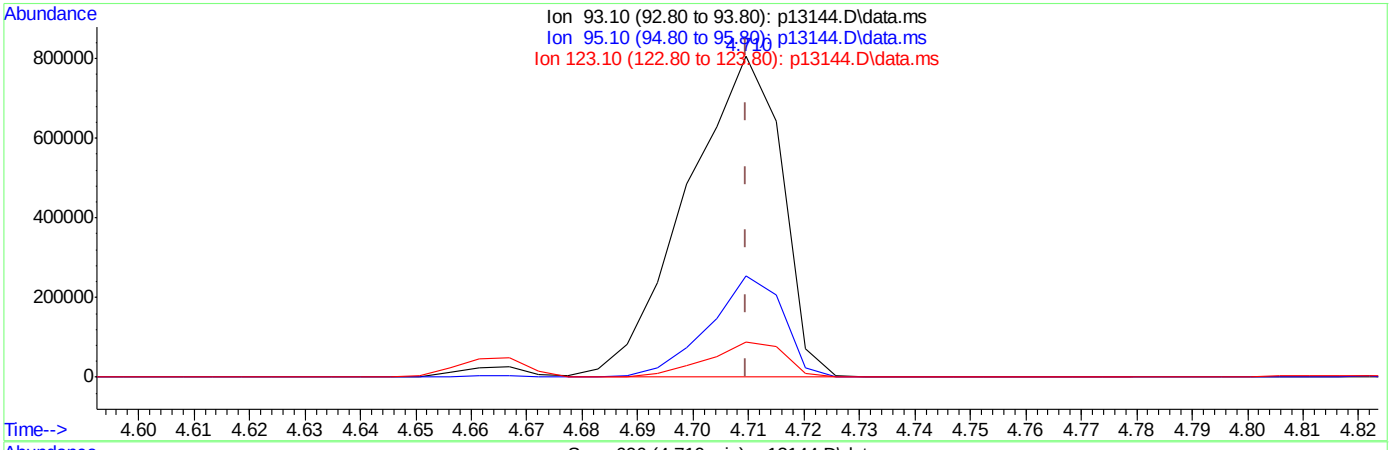
response 2616131

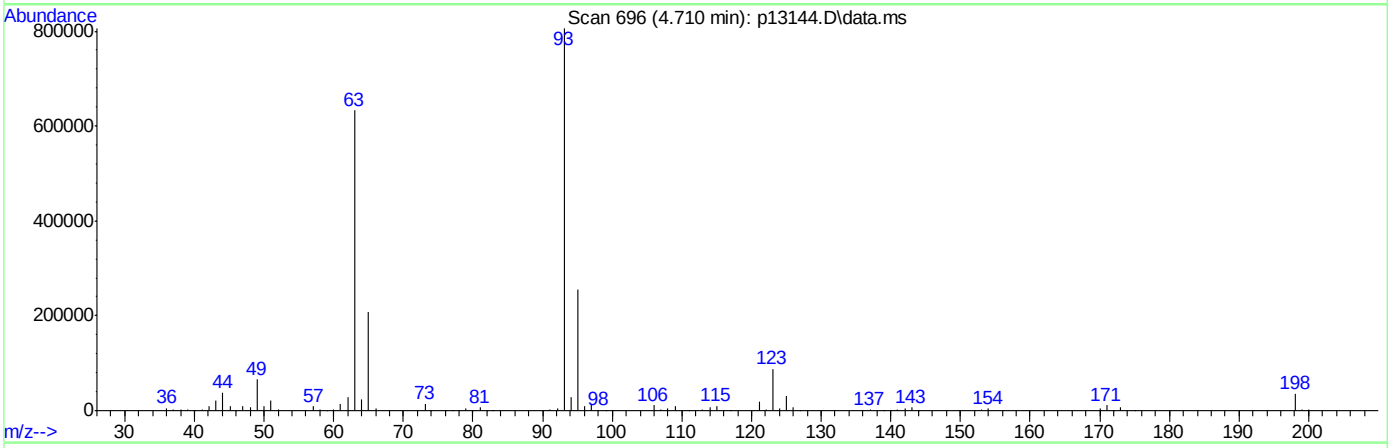
Ion	Exp%	Act%
58.10	100	100
91.10	11.00	0.00#
134.10	4.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





(39) bis(2-Chloroethoxy)methane

4.710min (0.000) 46.81ppm

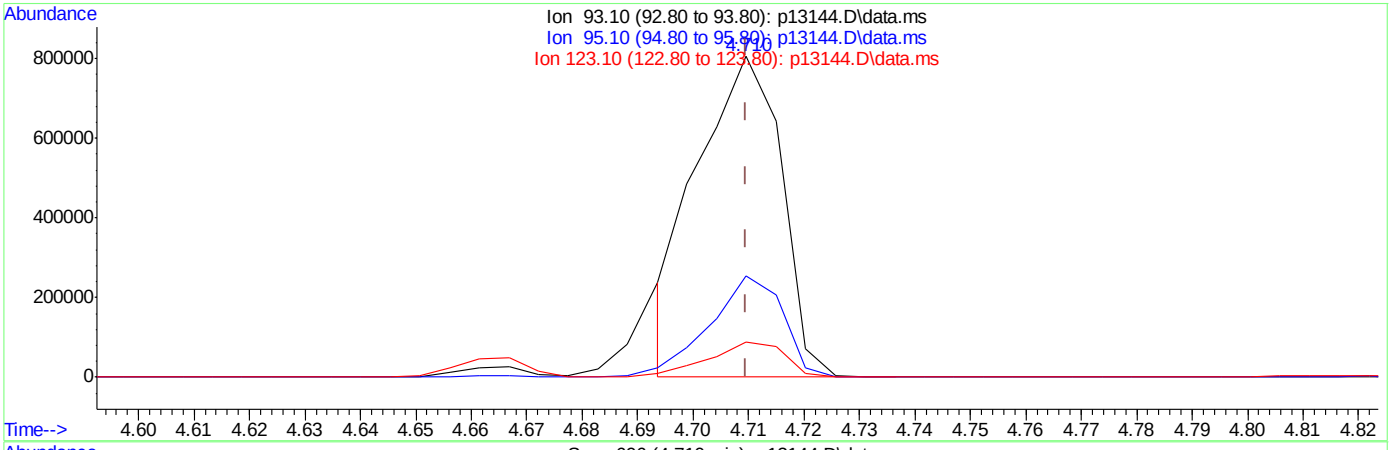
response 959015

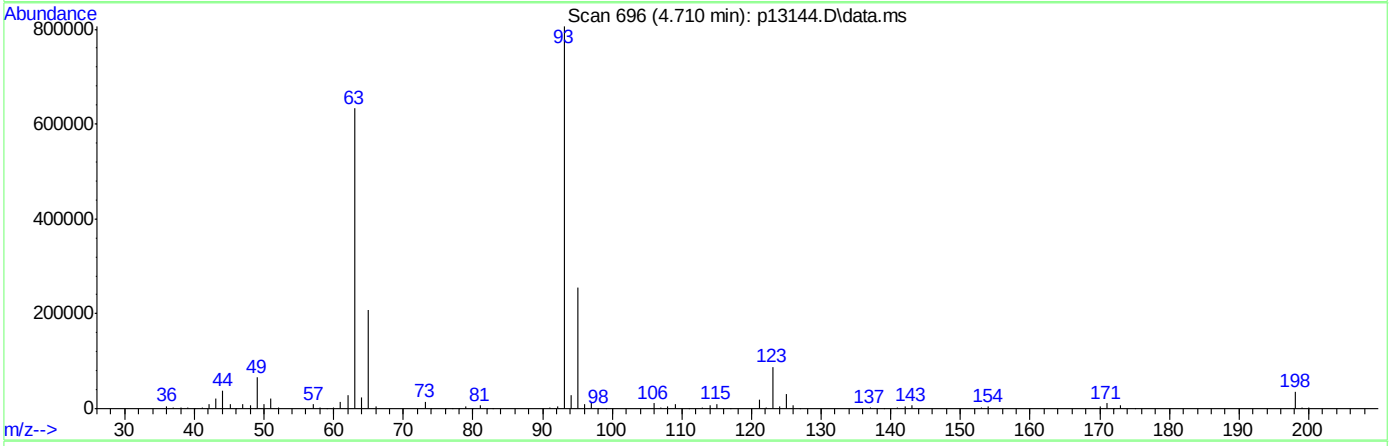
Ion	Exp%	Act%
93.10	100	100
95.10	31.70	24.67
123.10	10.90	8.96
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.710min (0.000) 41.46ppm m

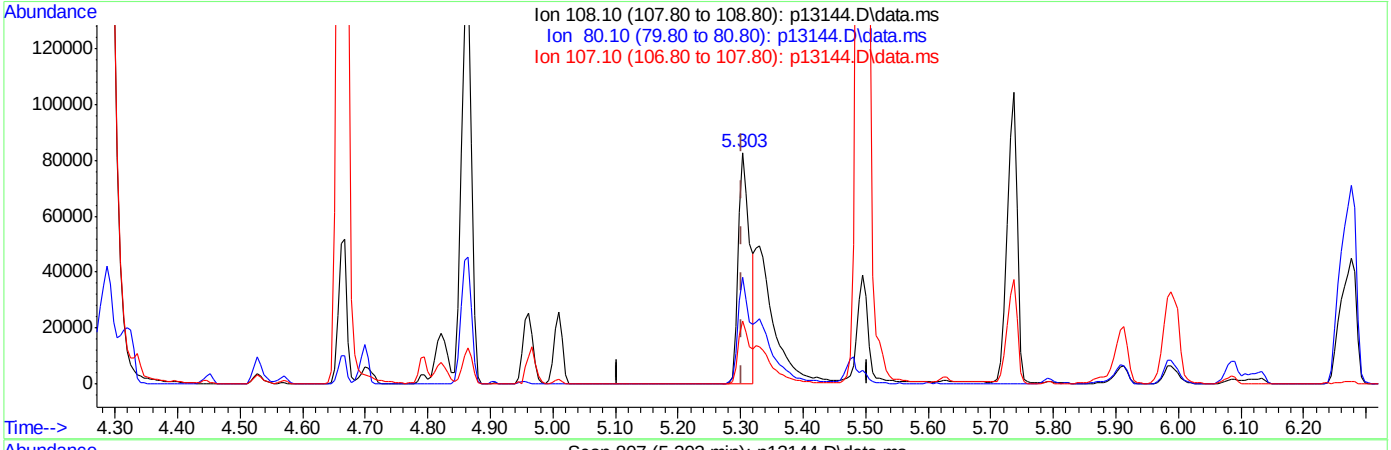
response 847500

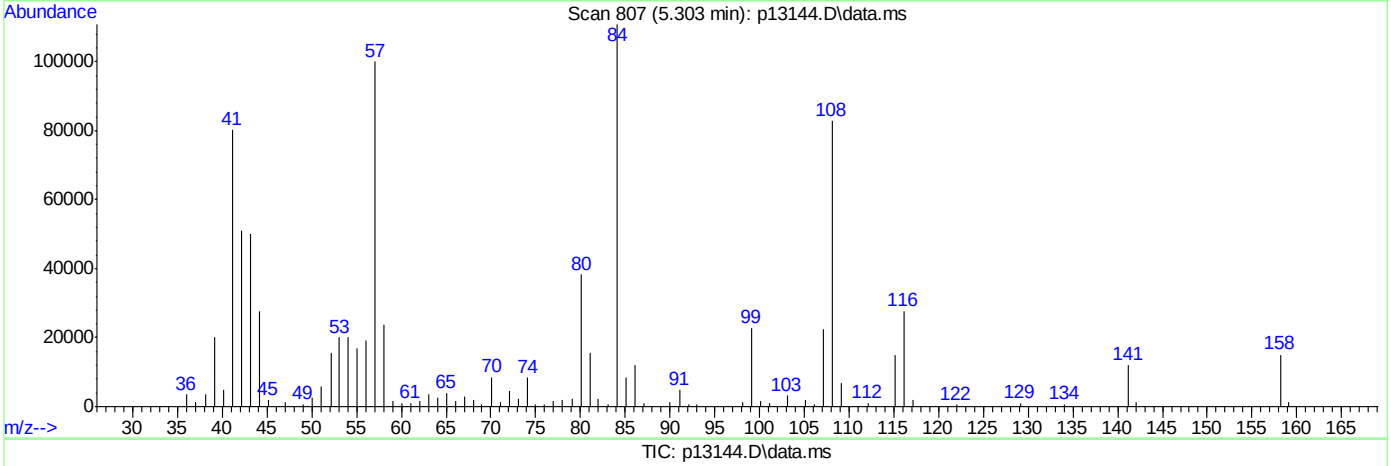
Ion	Exp%	Act%
93.10	100	100
95.10	31.70	27.92
123.10	10.90	10.14
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(49) p-Phenylenediamine

5.303min (0.000) 12.91ppm

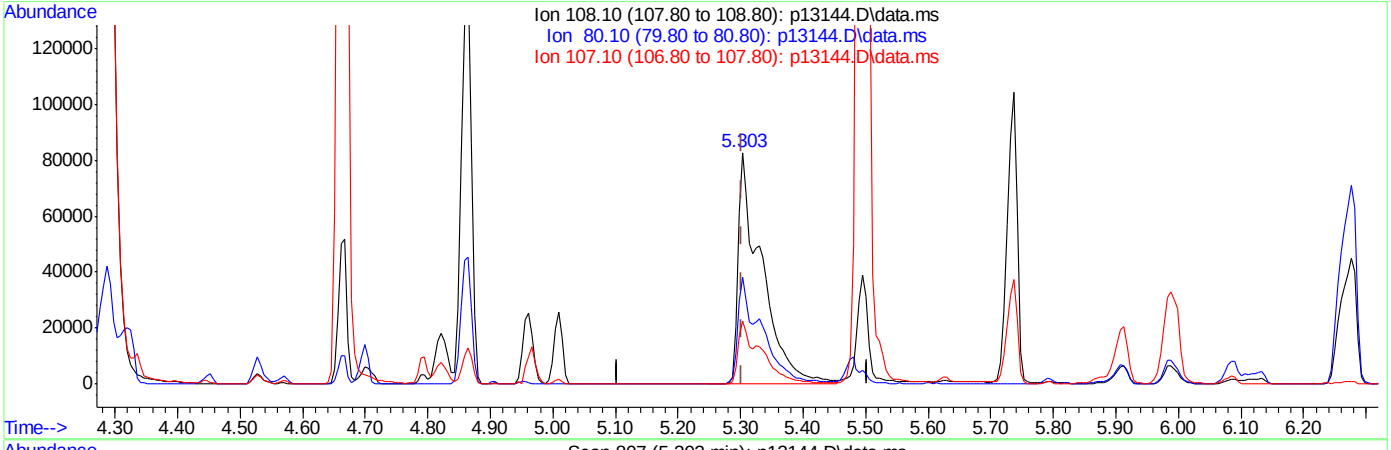
response 106808

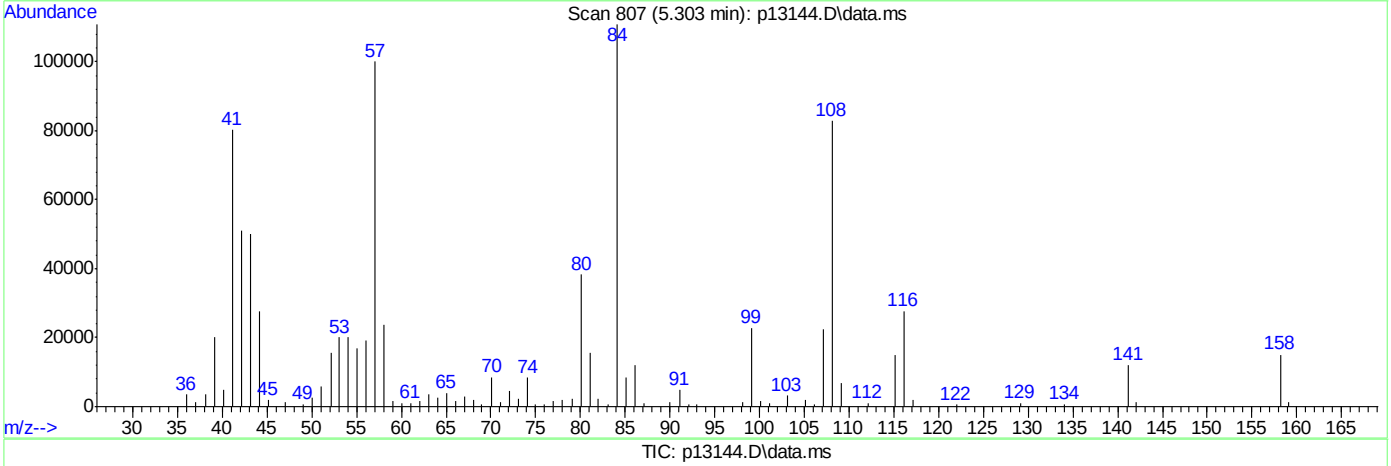
Ion	Exp%	Act%
108.10	100	100
80.10	46.20	0.00#
107.10	27.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(49) p-Phenylenediamine

5.303min (0.000) 33.10ppm m

response 213048

Ion	Exp%	Act%
108.10	100	100
80.10	46.20	0.00#
107.10	27.10	0.00#
0.00	0.00	0.00

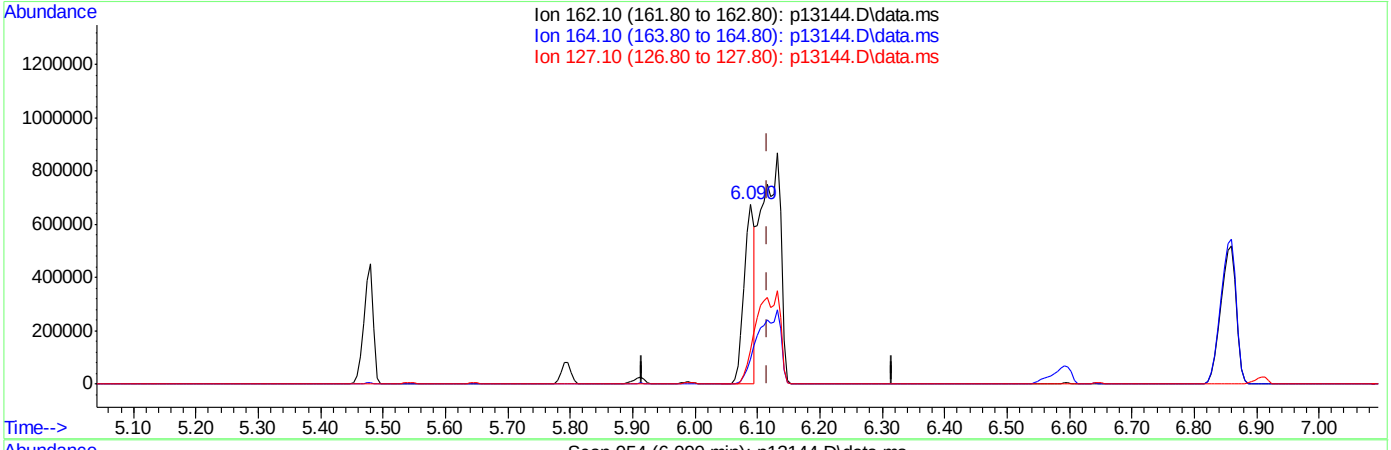
8.6.10.17

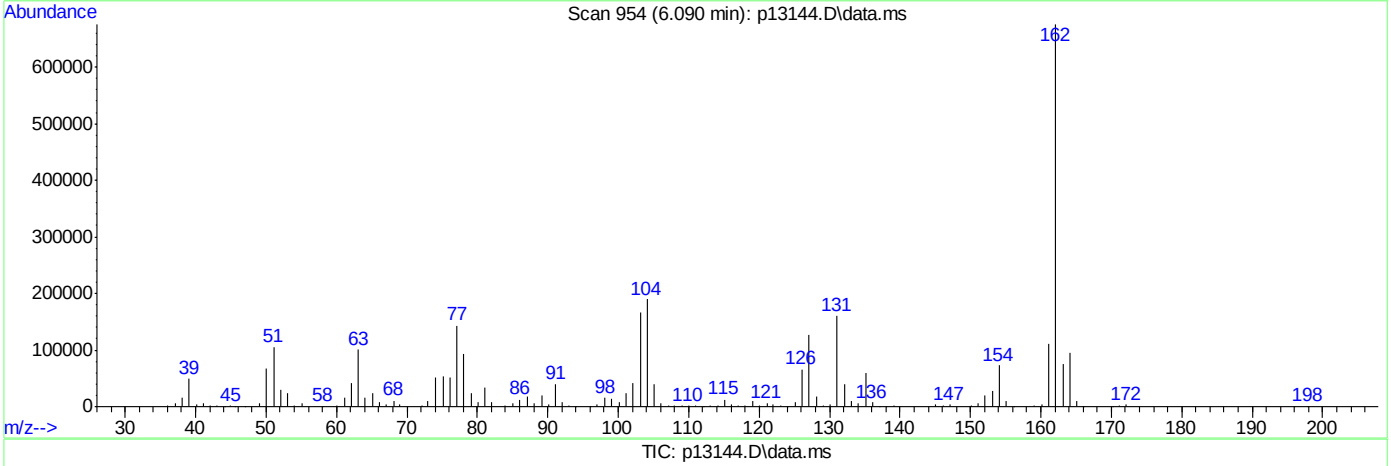
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(64) 2-Chloronaphthalene

6.090min (-0.027) 25.57ppm

response 789302

Ion	Exp%	Act%
162.10	100	100
164.10	32.00	0.00#
127.10	43.50	0.00#
0.00	0.00	0.00

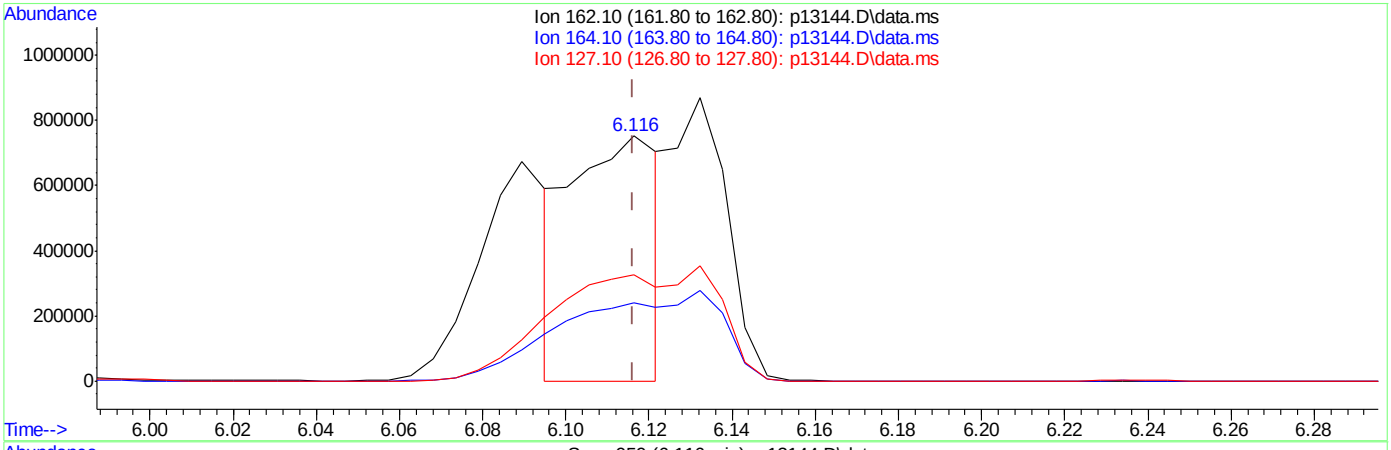
8.6.10.18

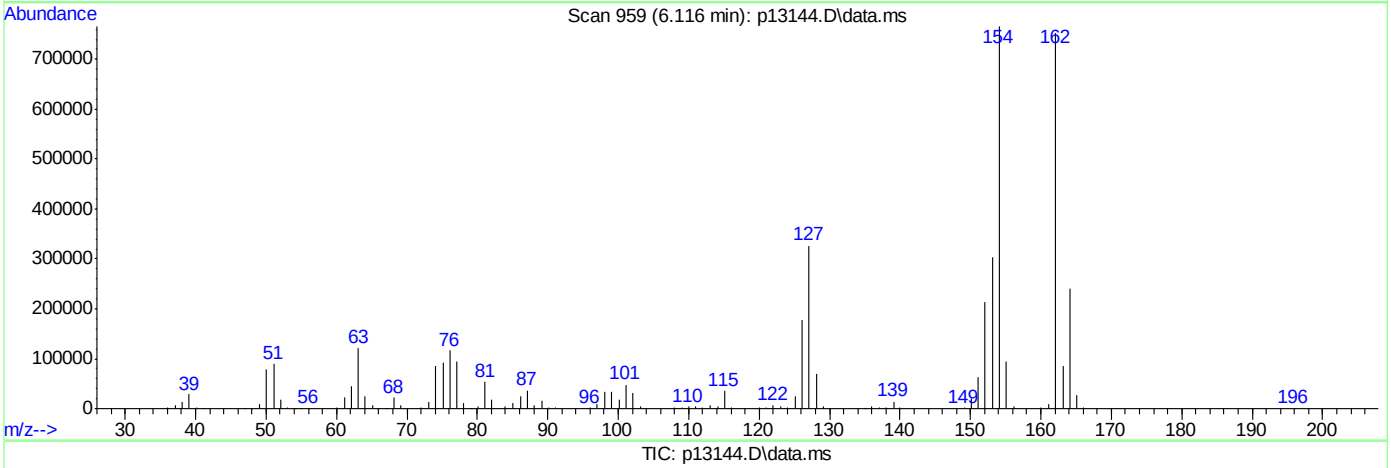
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(64) 2-Chloronaphthalene

6.116min (0.000) 37.19ppm m

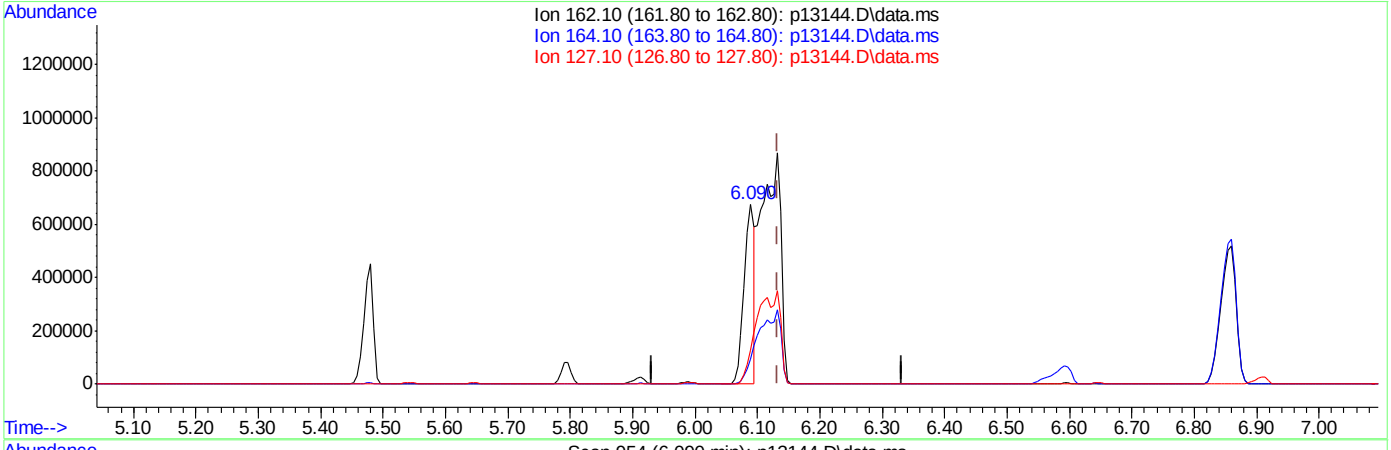
response 1087846

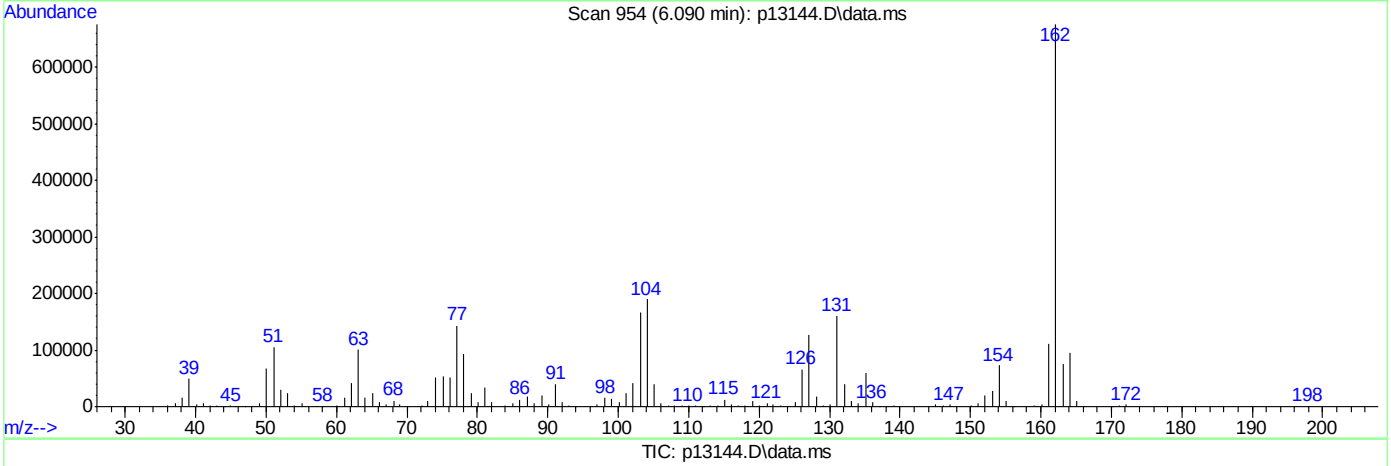
Ion	Exp%	Act%
162.10	100	100
164.10	32.00	0.00#
127.10	43.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration





TIC: p13144.D\data.ms

(65) 1-Chloronaphthalene

6.090min (-0.043) 52.07ppm

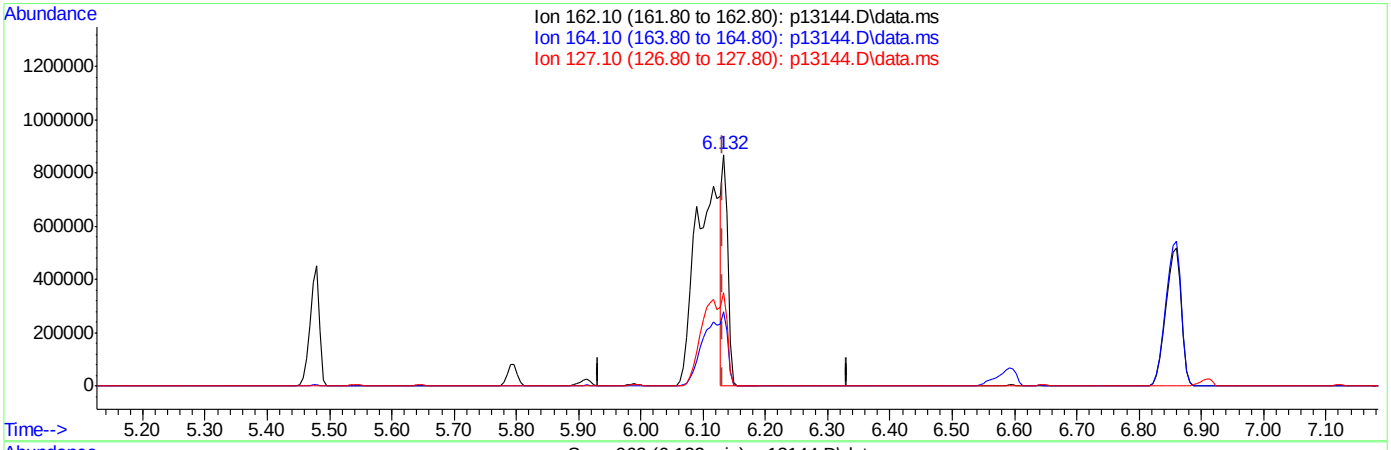
response 789302

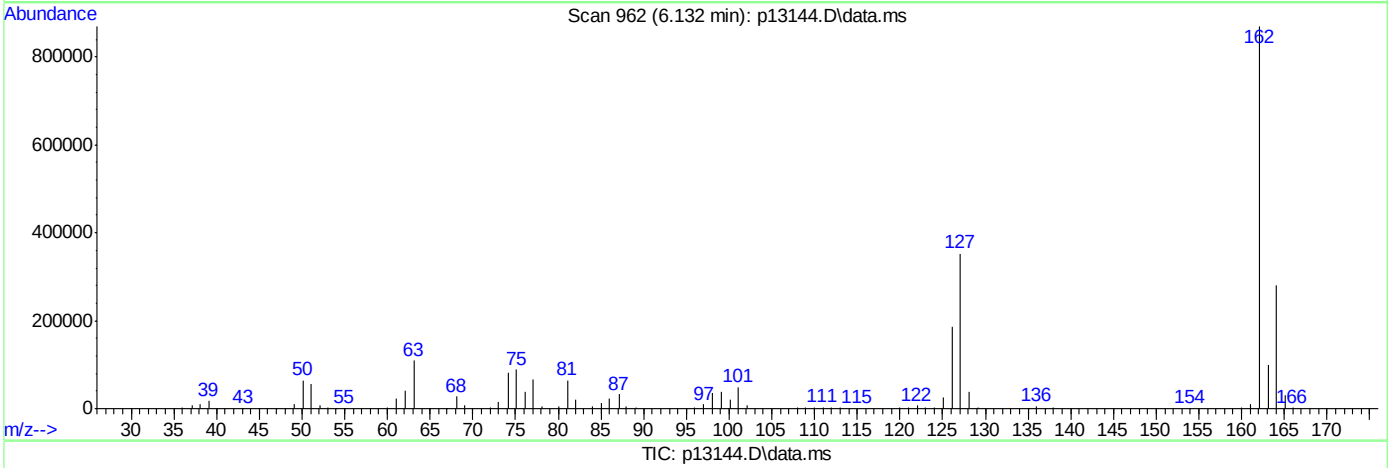
Ion	Exp%	Act%
162.10	100	100
164.10	32.20	0.00#
127.10	40.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(65) 1-Chloronaphthalene

6.132min (0.000) 30.23ppm m

response 547090

Ion	Exp%	Act%
162.10	100	100
164.10	32.20	0.00#
127.10	40.60	0.00#
0.00	0.00	0.00

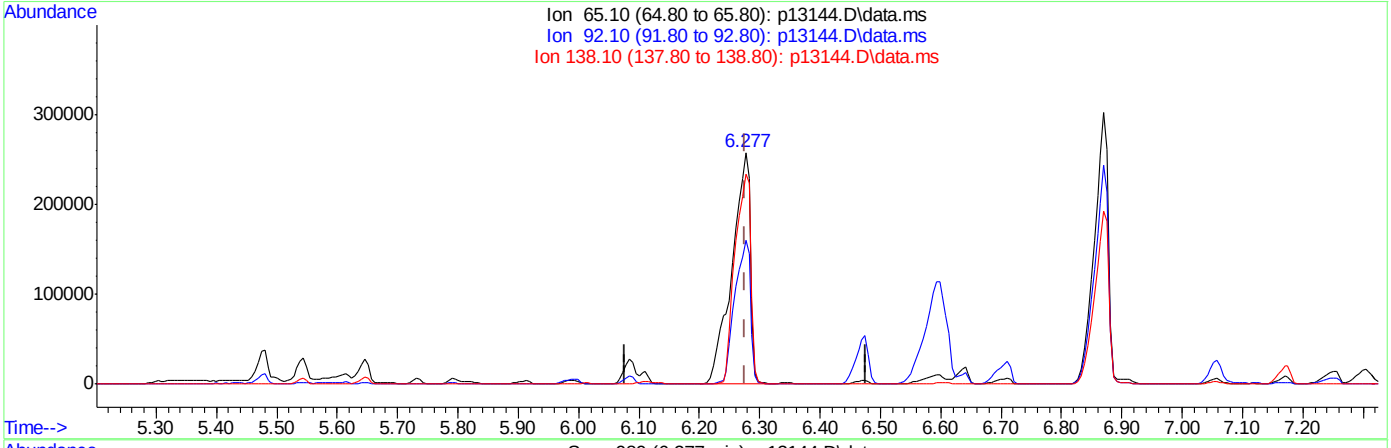
8.6.10.21

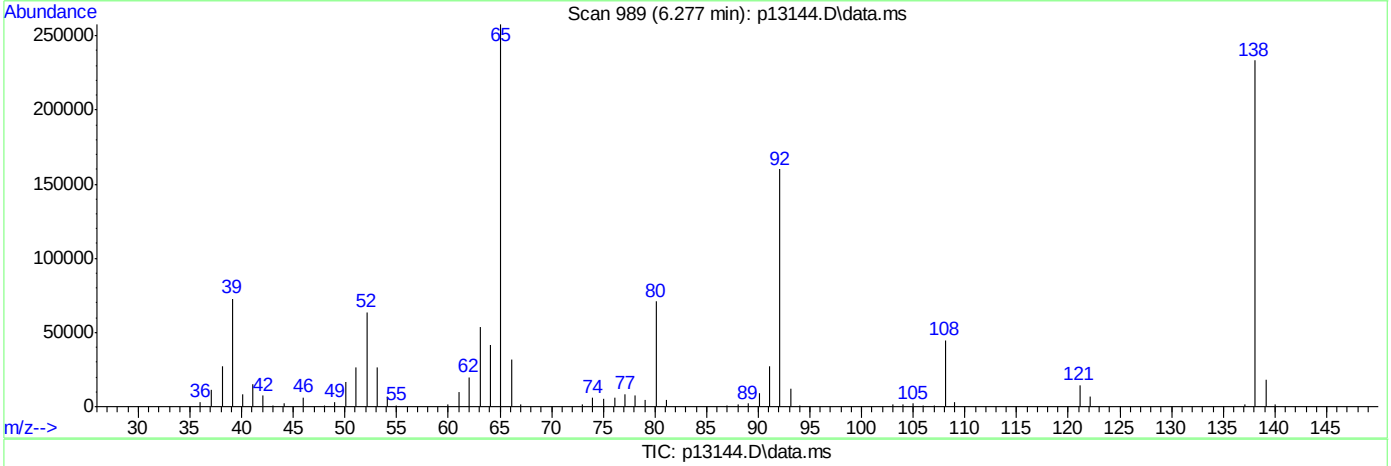
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





(66) 2-Nitroaniline

6.277min (0.000) 41.60ppm

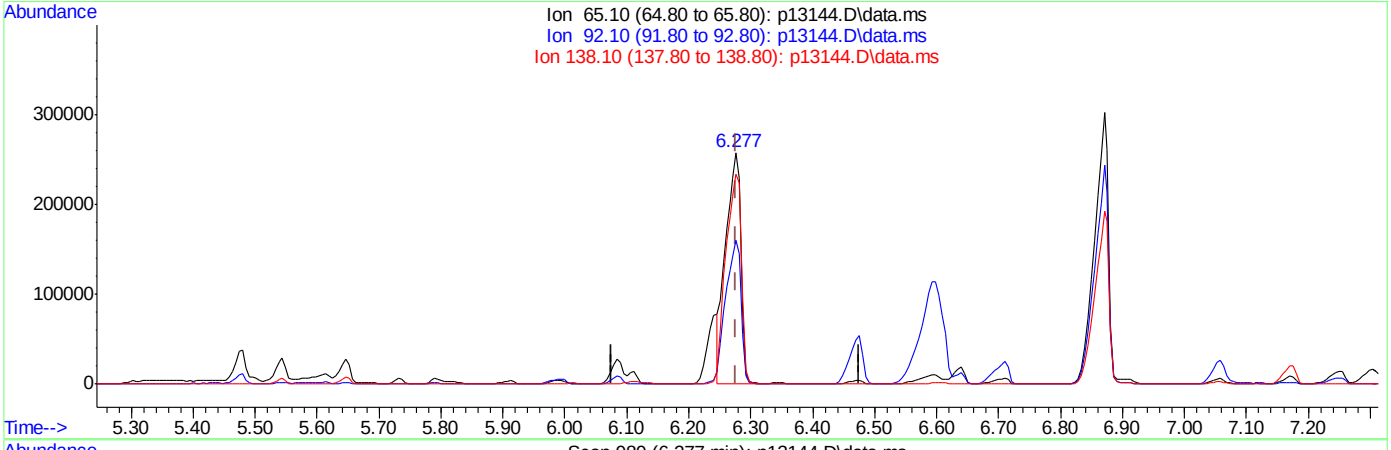
response 548033

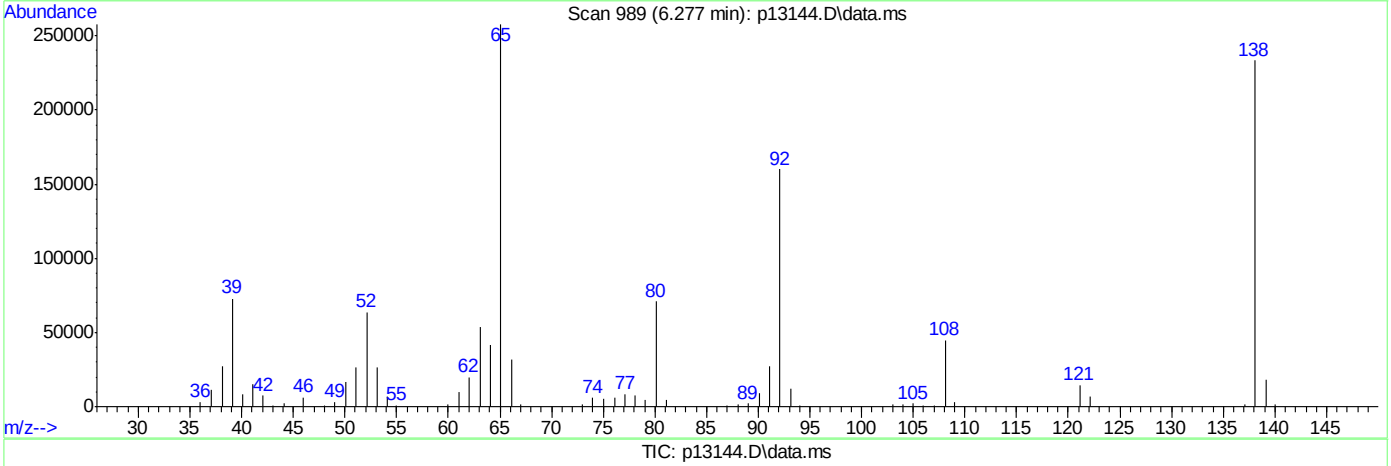
Ion	Exp%	Act%
65.10	100	100
92.10	62.10	52.79
138.10	90.50	77.92
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





(66) 2-Nitroaniline

6.277min (0.000) 34.18ppm m

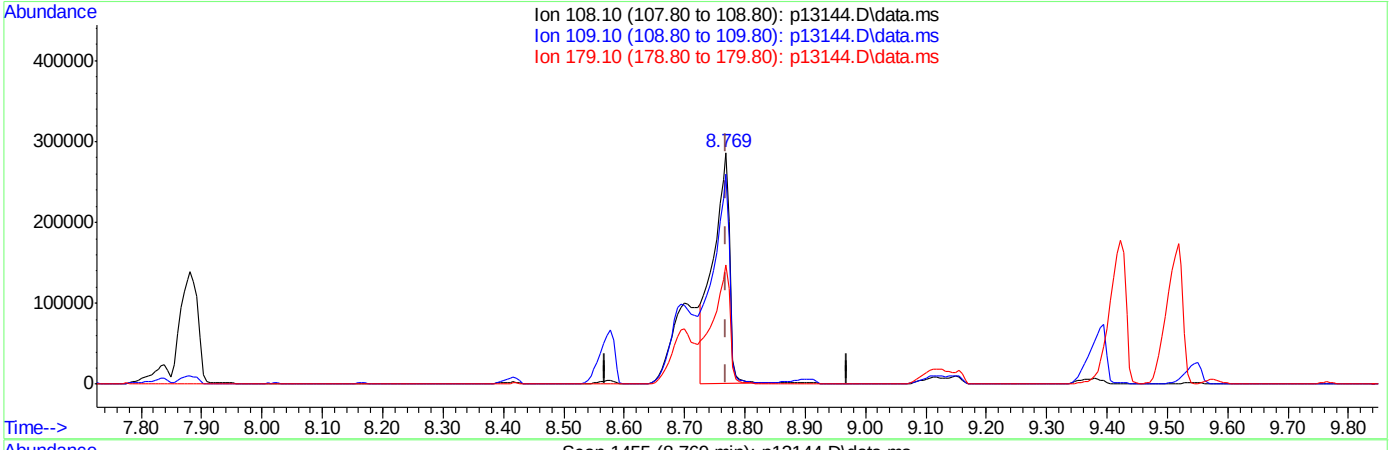
response 455504

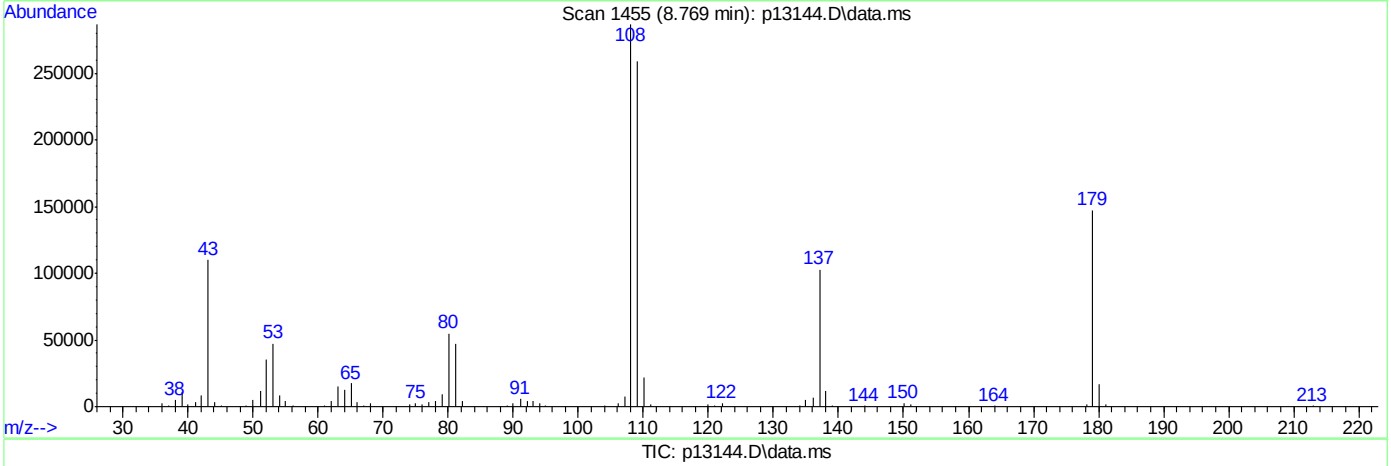
Ion	Exp%	Act%
65.10	100	100
92.10	62.10	63.51
138.10	90.50	93.75
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
```





TIC: p13144.D\data.ms

(99) Phenacetin

8.769min (0.000) 26.18ppm

response 549196

Ion	Exp%	Act%
108.10	100	100
109.10	90.50	89.72
179.10	51.50	52.84
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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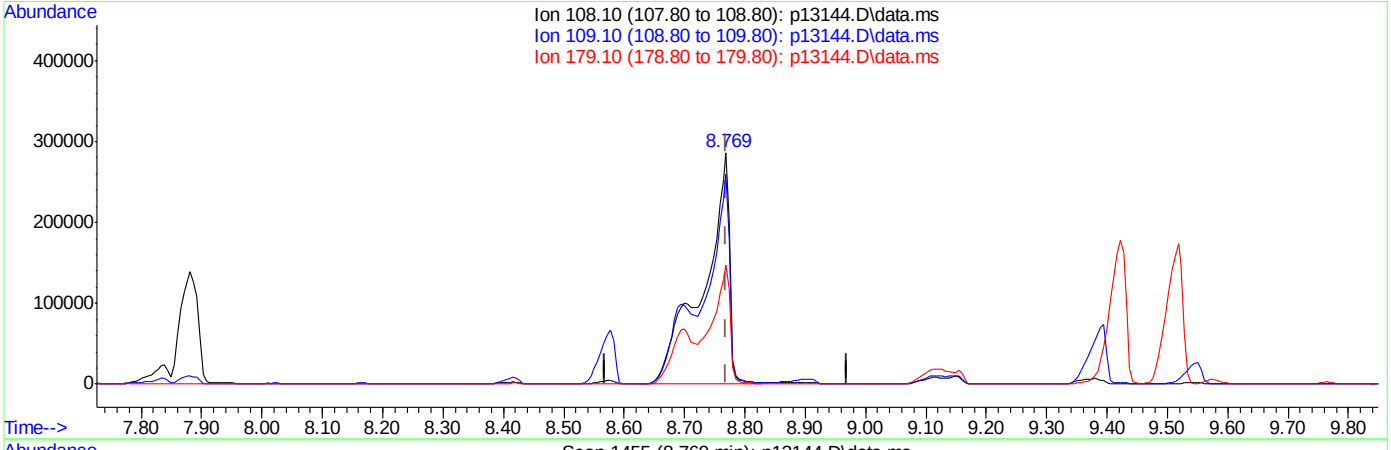
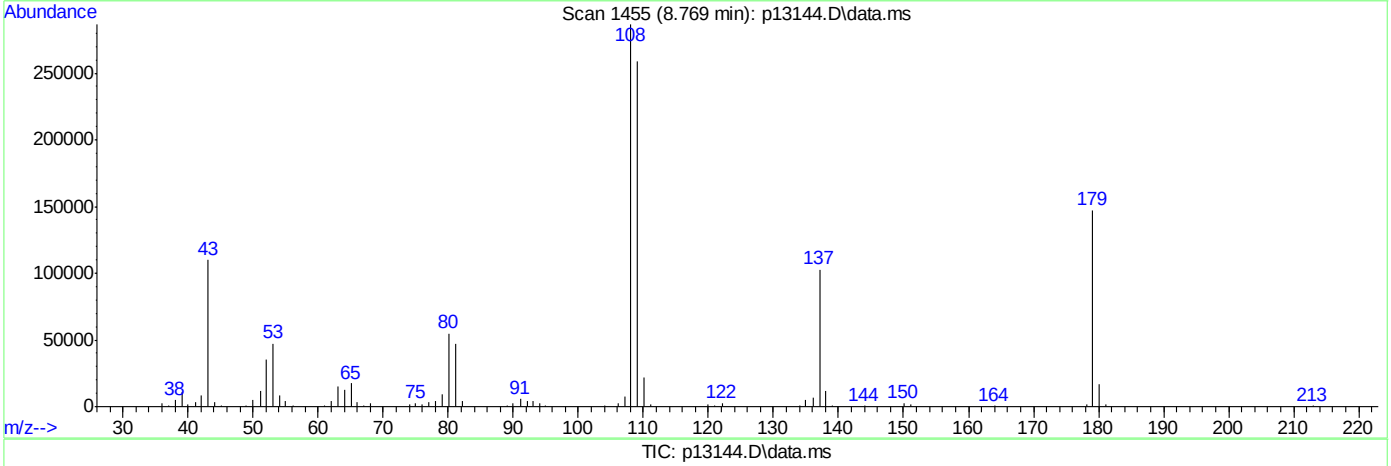




TIC: p13144.D\data.ms

(99) Phenacetin

8.769min (0.000) 42.11ppm m

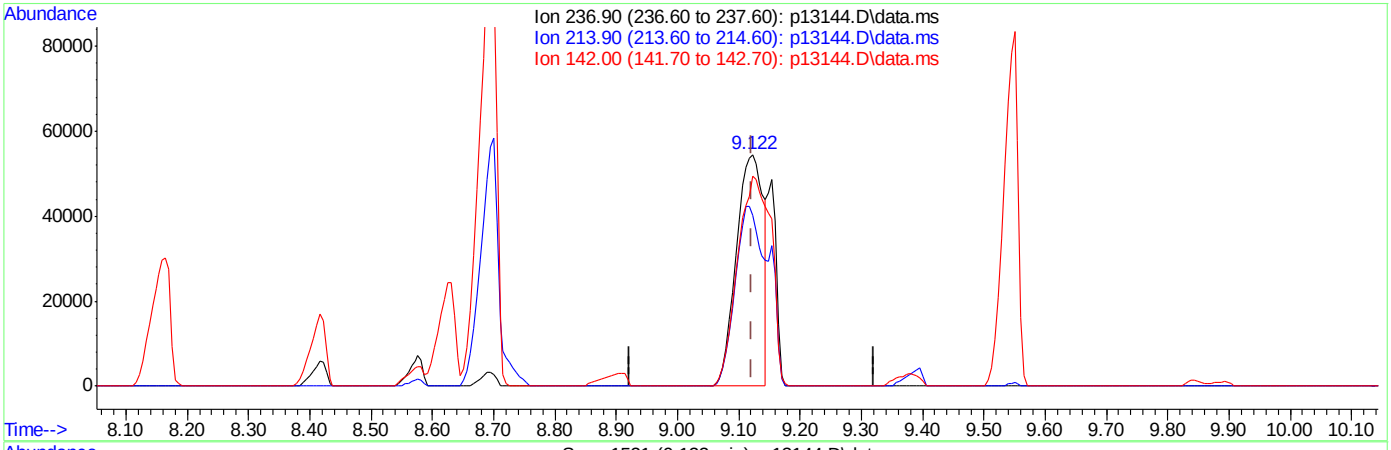
response 880018

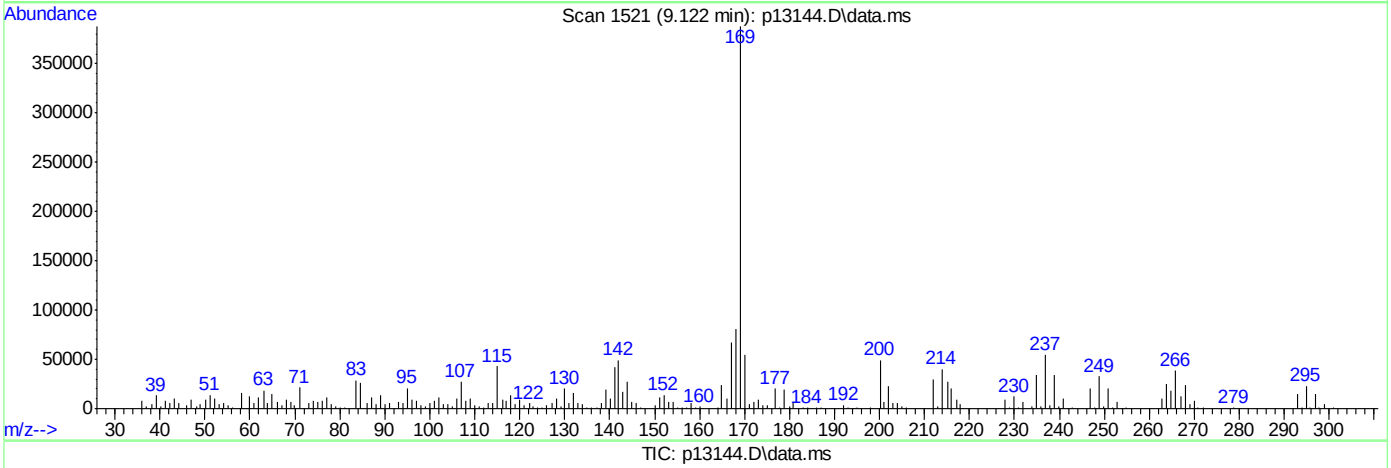
Ion	Exp%	Act%
108.10	100	100
109.10	90.50	55.99#
179.10	51.50	32.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On : 4 Sep 2010 9:13 am
Operator : garyj
Sample : icc621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration





TIC: p13144.D\data.ms

(105) Pentachloronitrobenzene

9.122min (0.000) 30.39ppm

response 166581

Ion	Exp%	Act%
236.90	100	100
213.90	73.50	95.42#
142.00	90.70	112.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13144.D
Acq On    :  4 Sep 2010   9:13 am
Operator  : garyj
Sample    : icc621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 04 09:38:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:38:44 2010
Response via : Initial Calibration
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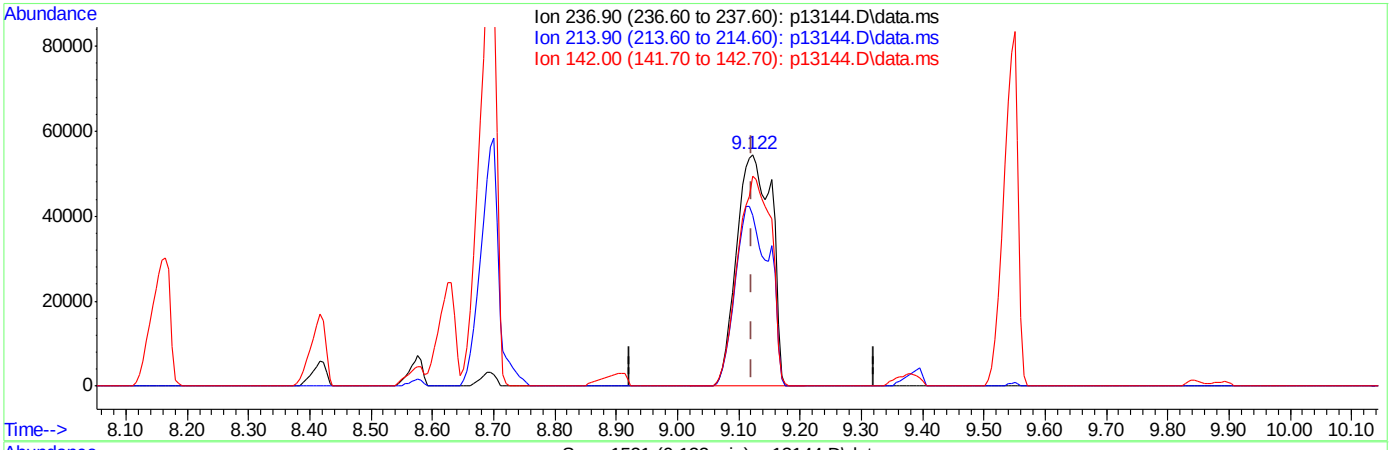
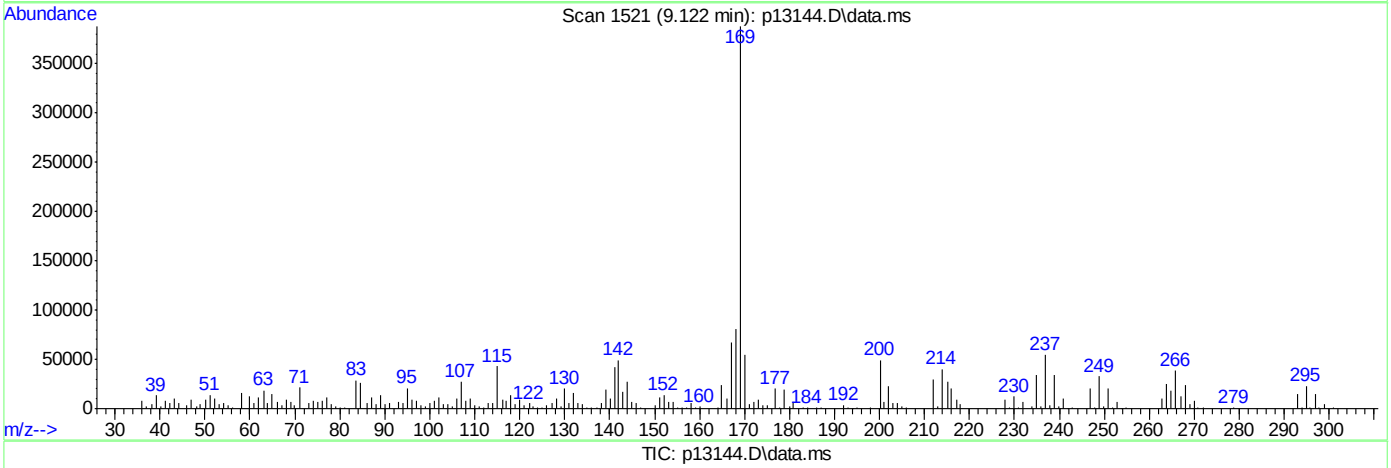




TIC: p13144.D\data.ms

(105) Pentachloronitrobenzene

9.122min (0.000) 39.52ppm m

response 214857

Ion	Exp%	Act%
236.90	100	100
213.90	73.50	73.98
142.00	90.70	87.28
0.00	0.00	0.00

8.6.10.27

8

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:04:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.859	152	442271	40.00	ppm	0.00
31) Naphthalene-d8	4.859	136	1586967	40.00	ppm	0.00
57) Acenaphthene-d10	6.849	164	1079885	40.00	ppm	-0.01
88) Phenanthrene-d10	9.352	188	1943366	40.00	ppm	-0.02
118) Chrysene-d12	14.653	240	2308615	40.00	ppm	-0.02
134) Perylene-d12	17.364	264	1708863	40.00	ppm	0.01
System Monitoring Compounds						
13) 2-Fluorophenol	2.843	112	244203	20.78	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 20.78%			
15) Phenol-d5	3.677	99	353469	24.42	ppm	-0.01
Spiked Amount 100.000	Range 10 - 53		Recovery = 24.42%			
32) Nitrobenzene-d5	4.298	82	186140	12.58	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 25.16%#			
61) 2-Fluorobiphenyl	5.972	172	359132	12.81	ppm	-0.03
Spiked Amount 50.000	Range 34 - 113		Recovery = 25.62%#			
93) 2,4,6-Tribromophenol	8.117	330	64851	12.96	ppm	-0.05
Spiked Amount 100.000	Range 32 - 128		Recovery = 12.96%#			
121) Terphenyl-d14	12.615	244	381952	8.90	ppm	-0.05
Spiked Amount 50.000	Range 12 - 145		Recovery = 17.80%			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.174	79	46947m	5.78	ppm	
3) 1,4-Dioxane	1.174	88	23613	5.15	ppm #	84
4) N-nitrosodimethylamine	1.441	42	33427m	5.17	ppm	
5) Pyridine	1.399	79	62131m	4.70	ppm	
6) 2-Picoline	2.142	93	67066m	4.94	ppm	
7) N-Nitrosomethylethylamine	2.351	42	43863m	5.09	ppm	
8) Methyl methanesulfonate	2.661	80	39059	5.11	ppm	99
9) N-Nitrosodiethylamine	3.009	102	35416	5.14	ppm	96
10) Ethyl methanesulfonate	3.292	79	58128	5.15	ppm	100
11) Benzaldehyde	3.517	106	19374	4.72	ppm	99
12) Aniline	3.613	93	110063	5.23	ppm	98
14) bis(2-Chloroethyl)ether	3.683	93	87314	6.56	ppm	76
16) Phenol	3.693	94	94129	5.89	ppm	93
17) 2-Chlorophenol	3.720	128	73566	5.78	ppm	99
18) 1,3-Dichlorobenzene	3.806	146	88474	5.82	ppm	98
19) 1,4-Dichlorobenzene	3.870	146	89282	5.69	ppm	95
20) 1,2-Dichlorobenzene	3.987	146	87284	5.94	ppm	99
21) Benzyl alcohol	4.003	108	50026	5.31	ppm	98
22) bis(2-chloroisopropyl)...	4.110	45	166576	6.17	ppm	97
23) 2-Methylphenol	4.148	108	72661	5.49	ppm #	22
24) N-Nitrosopyrrolidine	4.175	100	45502	5.87	ppm	94
25) N-Nitrosomorpholine	4.207	56	73079	7.19	ppm	93
26) o-Toluidine	4.223	106	131825	5.83	ppm #	40
27) Acetophenone	4.191	105	113154	5.95	ppm #	17
28) Hexachloroethane	4.244	117	38028	6.20	ppm	87
29) N-Nitroso-di-n-propyla...	4.217	70	68506	6.97	ppm	73
30) 3&4-Methylphenol	4.271	108	75759	5.52	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:04:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	4.314	77	98253	6.38	ppm		99
34) N-Nitrosopiperidine	4.426	42	77118	5.89	ppm		98
35) A,A-Dimethylphenethyla...	4.816	58	254148m	4.13	ppm		
36) Isophorone	4.506	82	183965	5.83	ppm		99
37) 2-Nitrophenol	4.560	139	31098	4.98	ppm		96
38) 2,4-Dimethylphenol	4.651	107	85695	5.89	ppm		96
39) bis(2-Chloroethoxy)met...	4.699	93	105208m	5.27	ppm		
40) O,O,O-Triethyl phospho...	4.683	121	41330	6.31	ppm		93
42) 2,4-Dichlorophenol	4.790	162	58720	5.41	ppm		99
43) 1,2,4-Trichlorobenzene	4.816	180	78301	5.96	ppm		99
44) Naphthalene	4.870	128	244042	6.56	ppm		99
45) 4-Chloroaniline	4.939	127	92427	5.96	ppm		95
46) 2,6-Dichlorophenol	4.950	162	60397	5.66	ppm		100
47) Hexachloropropene	4.956	213	22668	4.81	ppm		100
48) Hexachlorobutadiene	5.004	225	47915	5.65	ppm		99
49) p-Phenylenediamine	5.309	108	2438	0.49	ppm	#	100
50) Caprolactam	5.244	113	25644m	4.67	ppm		
51) N-Nitrosodi-n-butylamine	5.271	84	69904	5.81	ppm		96
52) 4-Chloro-3-methylphenol	5.474	107	67007	5.20	ppm		98
53) Isosafrole	5.464	162	65551	6.02	ppm		98
54) 2-Methylnaphthalene	5.533	142	172290	6.40	ppm		99
55) 1-Methylnaphthalene	5.635	142	169543	6.43	ppm		98
56) 1,2,4,5-Tetrachloroben...	5.726	216	77089	5.70	ppm		99
58) Hexachlorocyclopentadiene	5.726	237	7206	2.85	ppm	#	100
59) 2,4,6-Trichlorophenol	5.892	196	36826	4.45	ppm		99
60) 2,4,5-Trichlorophenol	5.972	196	34183	4.26	ppm		99
62) Safrole	6.063	162	68490m	3.75	ppm		
63) 1,1'-Biphenyl	6.084	154	200244	6.71	ppm		100
64) 2-Chloronaphthalene	6.084	162	156210m	6.21	ppm		
65) 1-Chloronaphthalene	6.105	162	149345	11.81	ppm	#	100
66) 2-Nitroaniline	6.245	65	55030m	5.23	ppm		
67) 1,4-Naphthoquinone	6.319	158	64641	6.15	ppm		97
68) Acenaphthylene	6.624	152	269446	6.42	ppm		99
69) Dimethylphthalate	6.544	163	194187	5.71	ppm		99
70) m-Dinitrobenzene	6.442	168	23894	4.64	ppm		100
71) 2,6-Dinitrotoluene	6.603	165	42787	5.70	ppm		85
72) Acenaphthene	6.886	153	172582	6.28	ppm		100
73) 3-Nitroaniline	6.828	138	34728	4.71	ppm	#	87
74) 2,4-Dinitrophenol	7.009	184	5807	1.57	ppm		97
75) Dibenzofuran	7.148	168	235871	6.10	ppm		98
76) Pentachlorobenzene	7.106	250	67593	5.44	ppm		99
77) 2,4-Dinitrotoluene	7.197	165	53605	5.00	ppm		99
78) 4-Nitrophenol	7.341	109	15379	3.78	ppm		91
79) 1-Naphthylamine	7.271	143	53125	2.49	ppm		95
80) 2-Naphthylamine	7.405	143	52943	2.92	ppm		97
81) 2,3,4,6-Tetrachlorophenol	7.405	232	26244	3.55	ppm		99
82) Fluorene	7.694	166	203082	6.38	ppm		100
83) 4-Chlorophenyl-phenyle...	7.753	204	94003	5.76	ppm		98
84) Diethylphthalate	7.657	149	218684	6.03	ppm		99
85) 5-Nitro-o-toluidine	7.769	152	51488	4.97	ppm	#	54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:04:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
86)	Thionazin	7.774	97	52163	5.65	ppm		99
87)	4-Nitroaniline	7.796	138	37002	4.43	ppm		88
89)	4,6-Dinitro-2-methylph...	7.876	198	14361	2.76	ppm		96
90)	n-Nitrosodiphenylamine	7.972	169	165768	6.13	ppm		98
91)	1,2-Diphenylhydrazine	8.015	77	232342	5.49	ppm		96
92)	Diphenylamine	7.972	169	165768	6.13	ppm		98
94)	Tetraethyl dithiopyrop...	8.379	97	41439	5.79	ppm		90
95)	sym-Trinitrobenzene	8.619	213	17391	4.12	ppm	#	62
96)	Diallate	8.534	43	122126	7.37	ppm	#	87
97)	Phorate	8.528	75	137500	6.68	ppm		99
98)	4-Bromophenyl-phenylether	8.593	248	53806	5.51	ppm		99
99)	Phenacetin	8.625	108	96097m	4.93	ppm		
100)	Hexachlorobenzene	8.662	284	57487	5.49	ppm		93
101)	Dimethoate	8.807	87	86552	6.27	ppm		99
102)	Atrazine	9.042	200	47792m	6.85	ppm		
103)	4-aminobiphenyl	9.090	169	150512	5.31	ppm		96
104)	Pentachlorophenol	9.095	266	9770	1.99	ppm		99
105)	Pentachloronitrobenzene	9.090	237	26719	5.61	ppm		99
106)	Pronamide	9.331	173	89406	5.63	ppm		95
107)	Phenanthrene	9.384	178	291213	6.35	ppm		96
108)	Anthracene	9.470	178	282865	6.04	ppm		99
109)	Disulfoton	9.513	88	106144	4.52	ppm		93
110)	Carbazole	9.850	167	258635	5.51	ppm		97
111)	Methyl parathion	10.213	109	75513	5.93	ppm		99
112)	Di-n-butylphthalate	10.769	149	415206	6.17	ppm		99
113)	4-Nitroquinoline 1-Oxide	10.925	190	8663	2.00	ppm	#	89
114)	Parathion	11.037	97	53749	5.38	ppm		98
115)	Methapyrilene	11.229	58	37214	4.75	ppm	#	100
116)	Isodrin	11.379	193	39434	5.81	ppm		99
117)	Fluoranthene	11.689	202	315604	5.78	ppm		98
119)	Benzidine	12.101	184	69757	3.36	ppm		97
120)	Pyrene	12.112	202	343675	4.76	ppm		98
122)	Aramite	12.904	185	24603	4.48	ppm		97
123)	p-(Dimethylamine)azobe...	12.925	120	104391	4.29	ppm		100
124)	Chlorobenzilate	13.091	139	119531	4.46	ppm		96
126)	3,3'-Dimethylbenzidine	13.620	212	87485	4.09	ppm		98
127)	Famphur	13.572	218	86353	23.15	ppm	#	100
128)	Butylbenzylphthalate	13.765	149	187549	4.97	ppm		97
129)	2-Acetylaminofluorene	14.134	181	113734	6.34	ppm		100
130)	3,3'-Dichlorobenzidine	14.679	252	106126	6.66	ppm		96
131)	Benzo[a]anthracene	14.610	228	309464	5.27	ppm		99
132)	Chrysene	14.685	228	306970	5.84	ppm		99
133)	bis(2-Ethylhexyl)phtha...	15.086	149	261550	5.08	ppm		99
135)	Di-n-octylphthalate	16.353	149	384580	3.85	ppm		99
136)	Benzo[b]fluoranthene	16.674	252	262916m	4.72	ppm		
137)	Benzo[k]fluoranthene	16.723	252	289590	6.07	ppm		99
138)	7,12-Dimethylbenz(a)an...	16.685	256	34362	1.45	ppm		98
140)	Benzo[a]pyrene	17.231	252	235005	5.07	ppm		99
141)	3-Methylcholanthrene	17.878	268	101803	4.71	ppm		97
142)	Indeno[1,2,3-cd]pyrene	19.044	276	118482	3.58	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:04:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
143) Dibenz[a,h]anthracene	19.097	278	144150	4.22 ppm	98
144) Benzo[g,h,i]perylene	19.413	276	147270	4.36 ppm	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

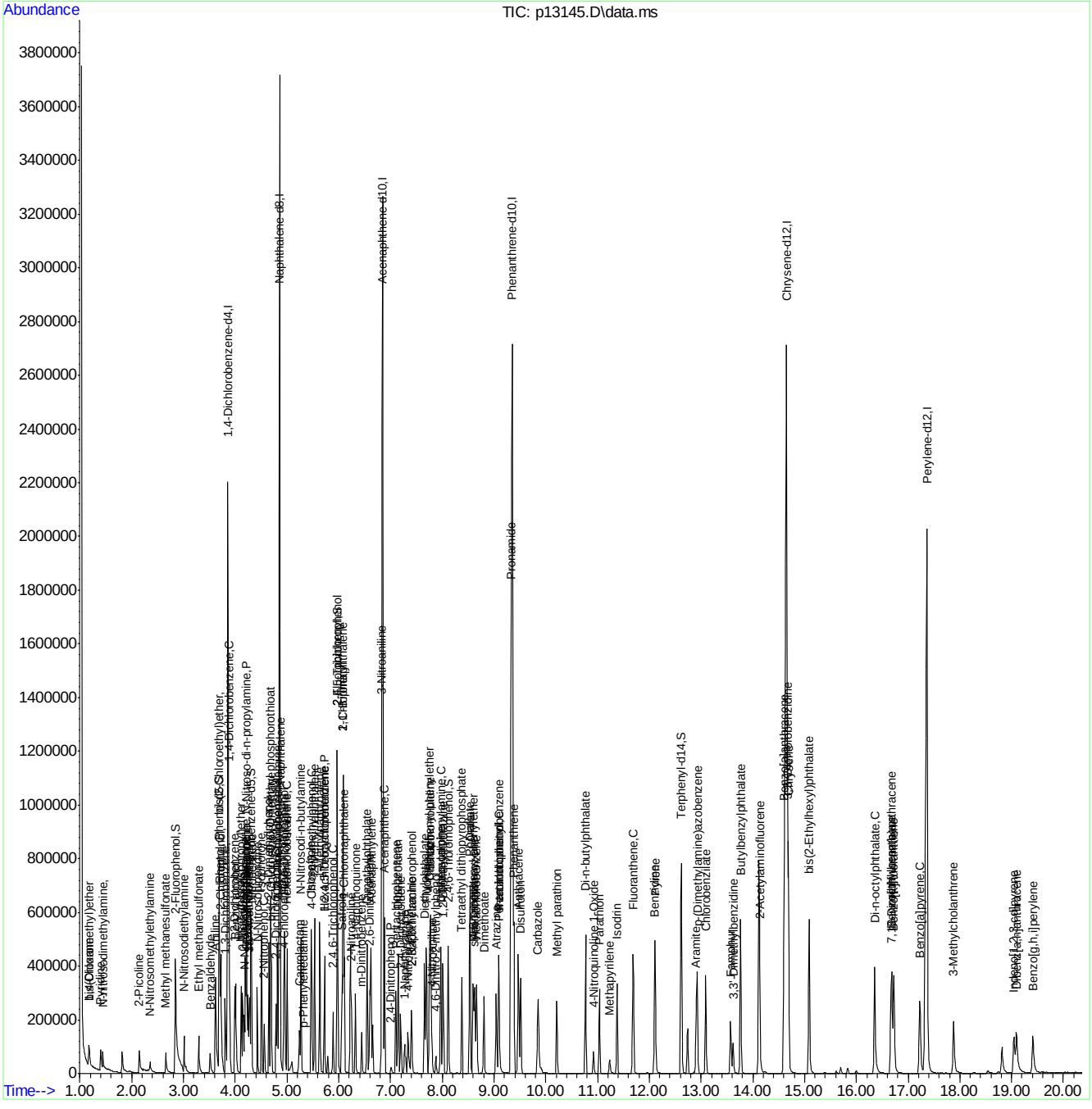
8.6.11

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

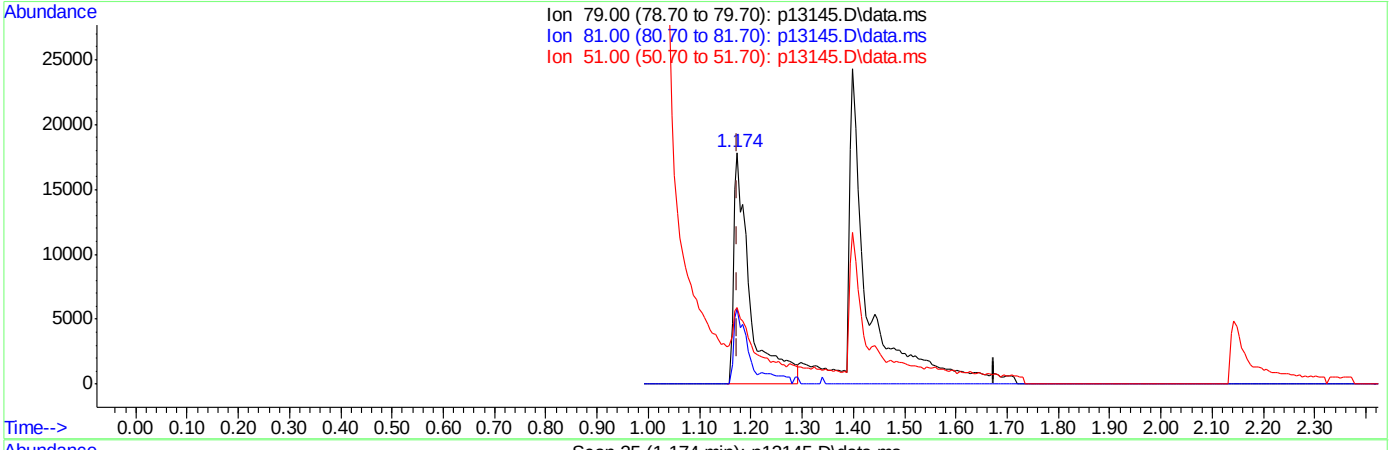
Quant Time: Sep 04 10:04:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration

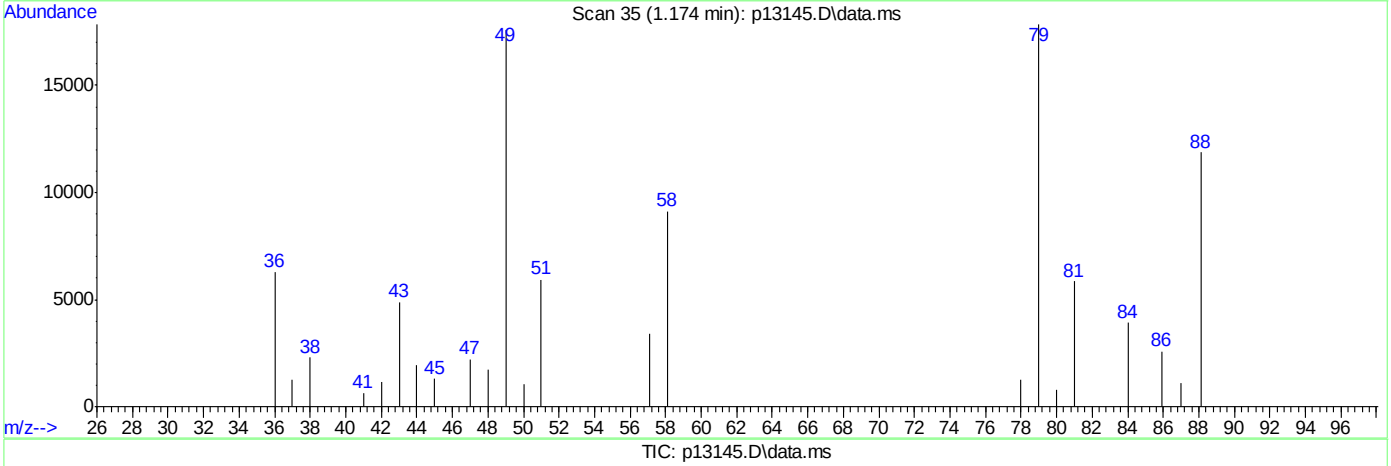


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration





TIC: p13145.D\data.ms

(2) bis(Chloromethyl)ether

1.174min (-0.000) 4.93ppm

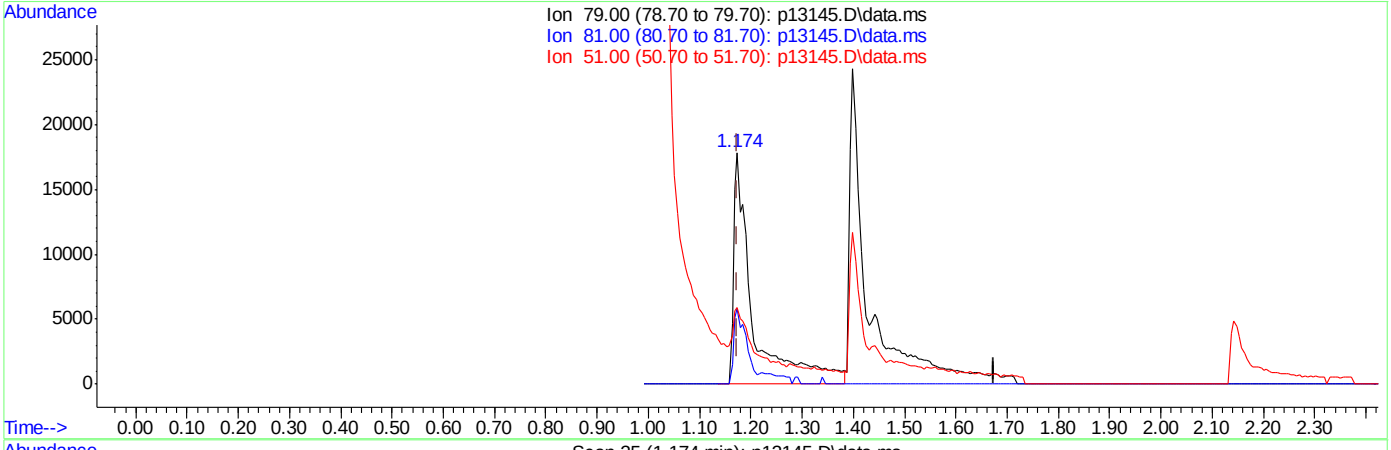
response 40054

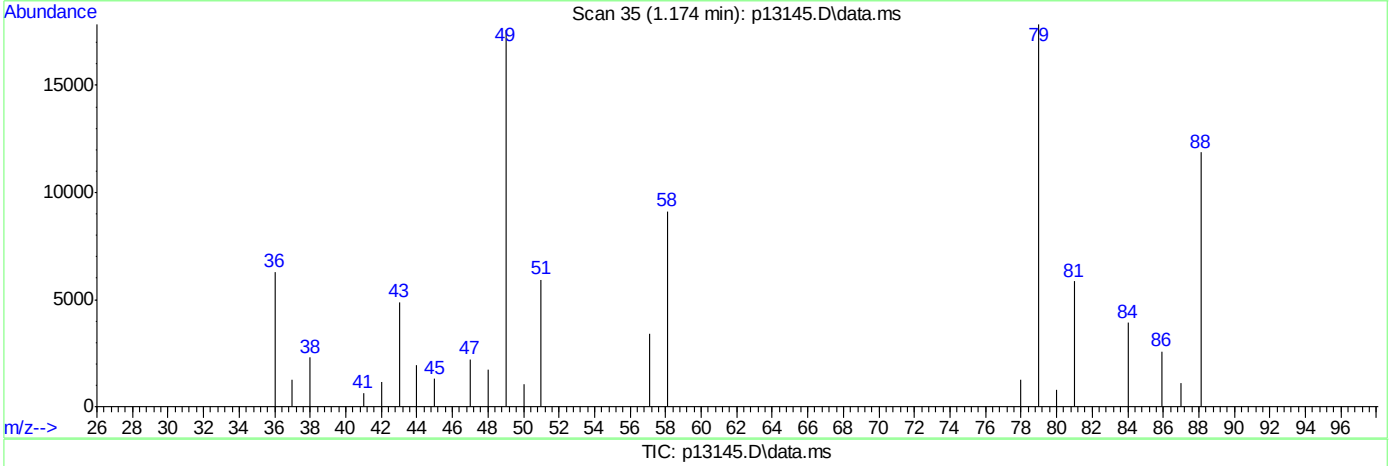
Ion	Exp%	Act%
79.00	100	100
81.00	30.10	25.65
51.00	0.00	27.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration





TIC: p13145.D\data.ms

(2) bis(Chloromethyl)ether

1.174min (-0.000) 5.78ppm m

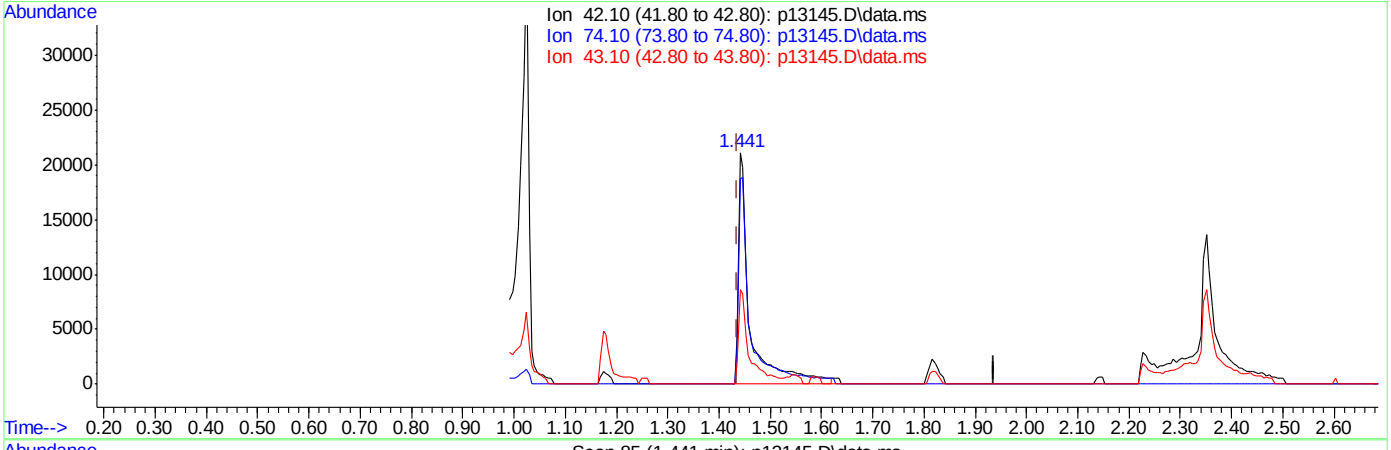
response 46947

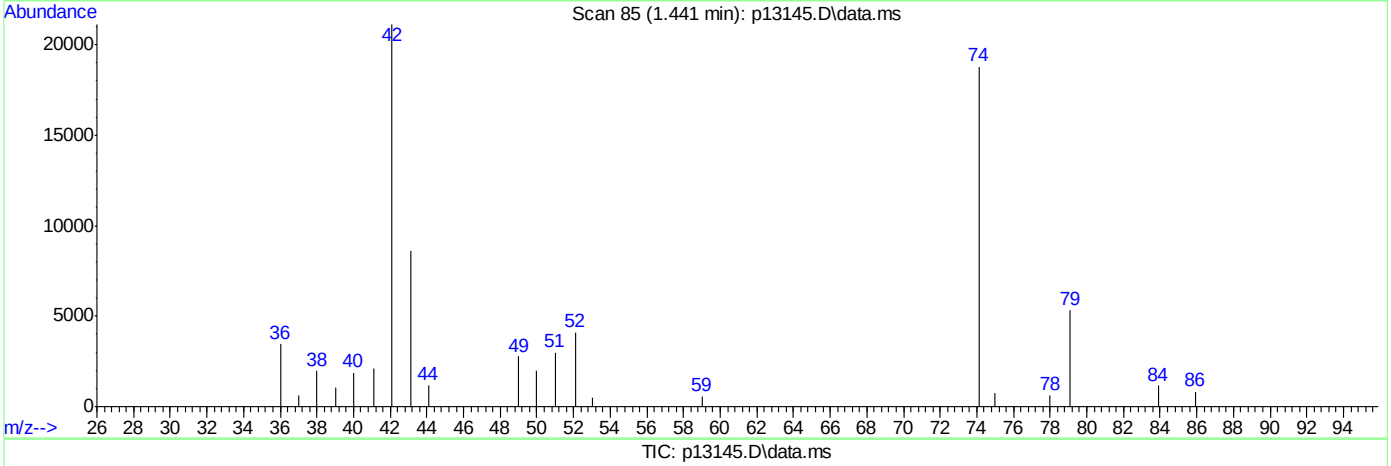
Ion	Exp%	Act%
79.00	100	100
81.00	30.10	21.88
51.00	0.00	23.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(4) N-nitrosodimethylamine ( )

1.441min (+0.005) 5.08ppm

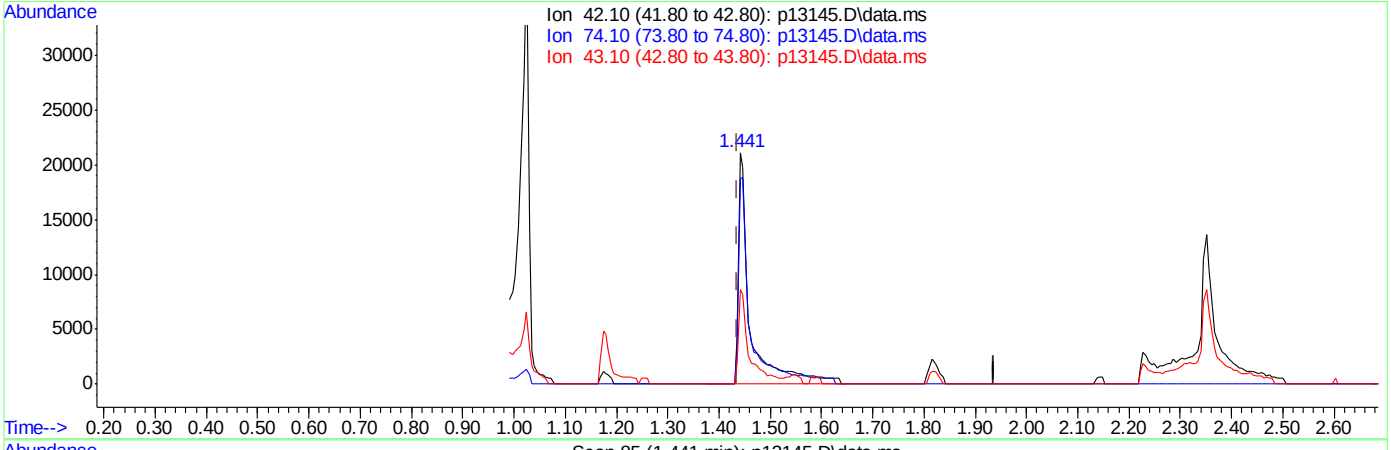
response 32876

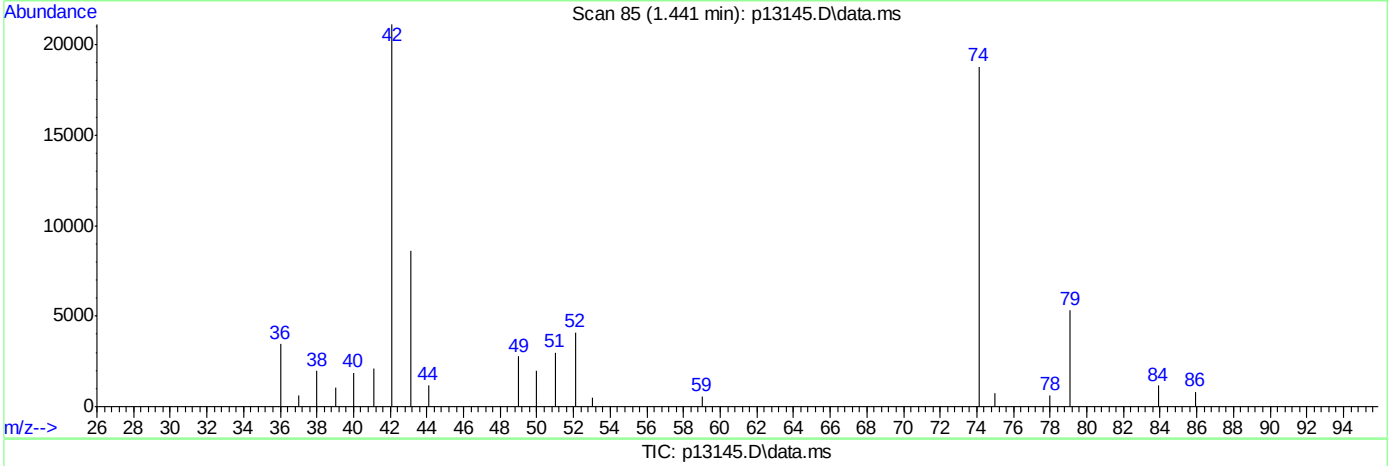
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	93.65
43.10	31.90	38.29
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(4) N-nitrosodimethylamine ( )

1.441min (+0.005) 5.17ppm m

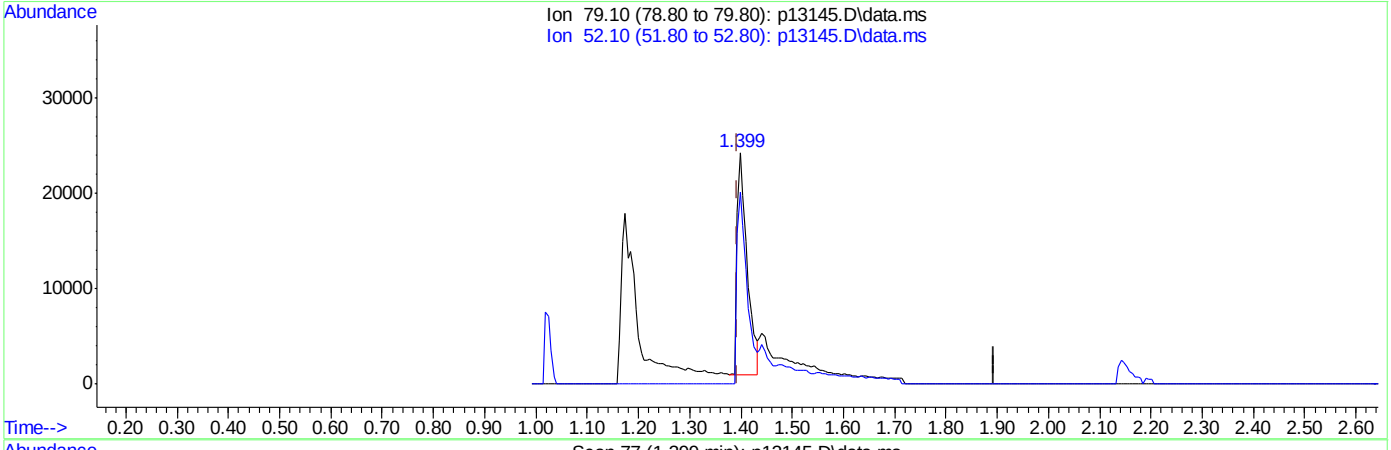
response 33427

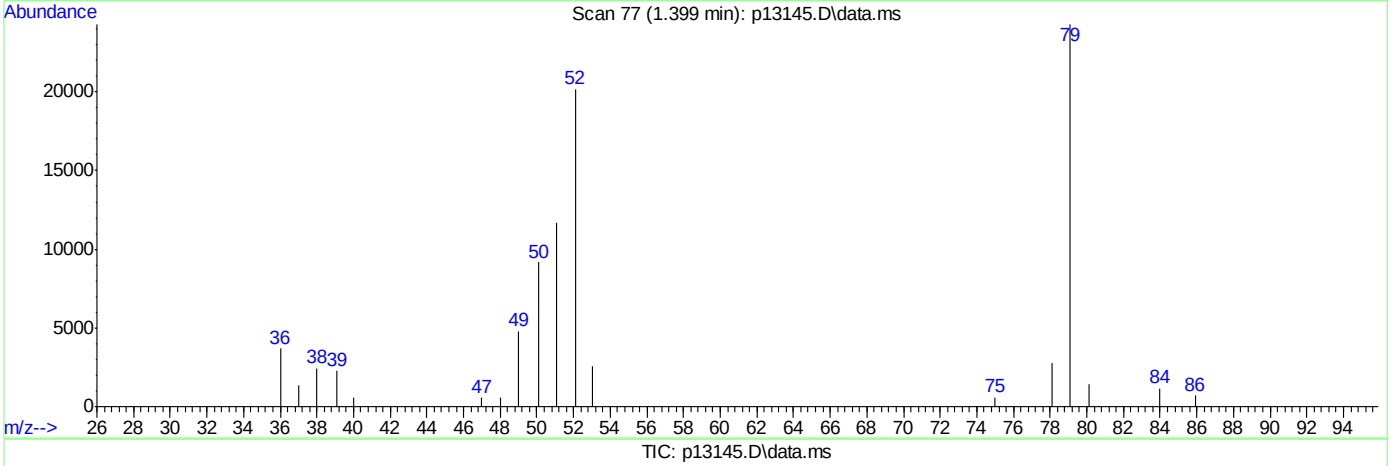
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	92.11
43.10	31.90	37.66
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(5) Pyridine ( )

1.399min (+0.005) 2.34ppm

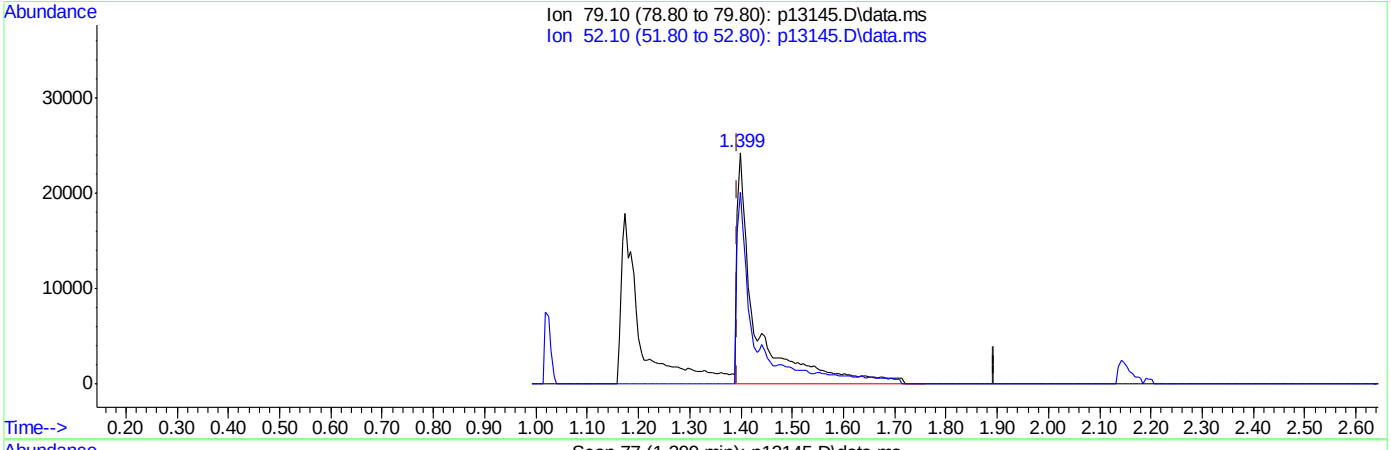
response 30918

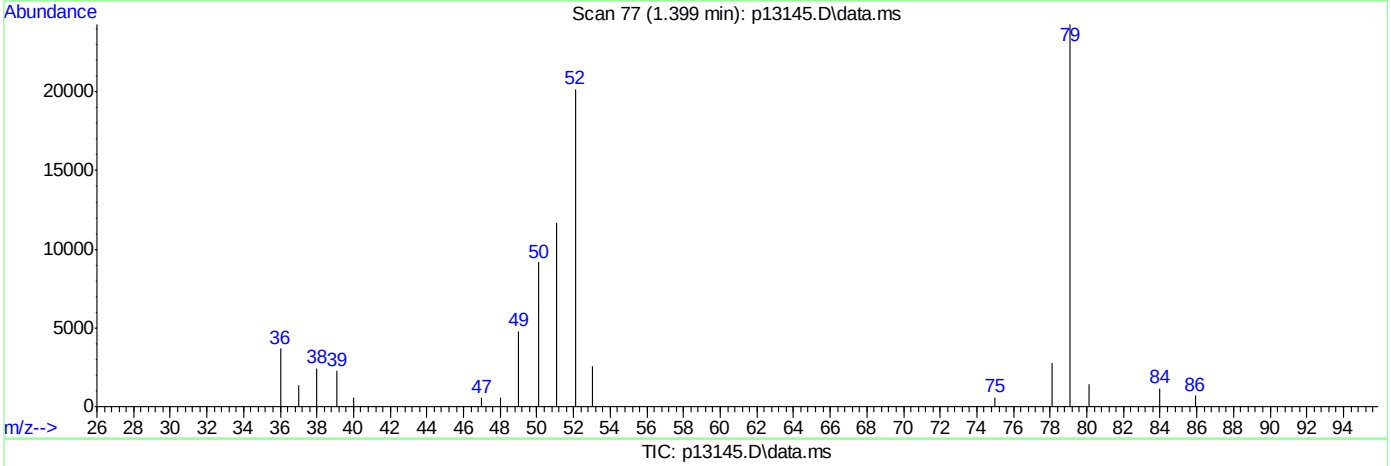
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	88.70
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(5) Pyridine ( )

1.399min (+0.005) 4.70ppm m

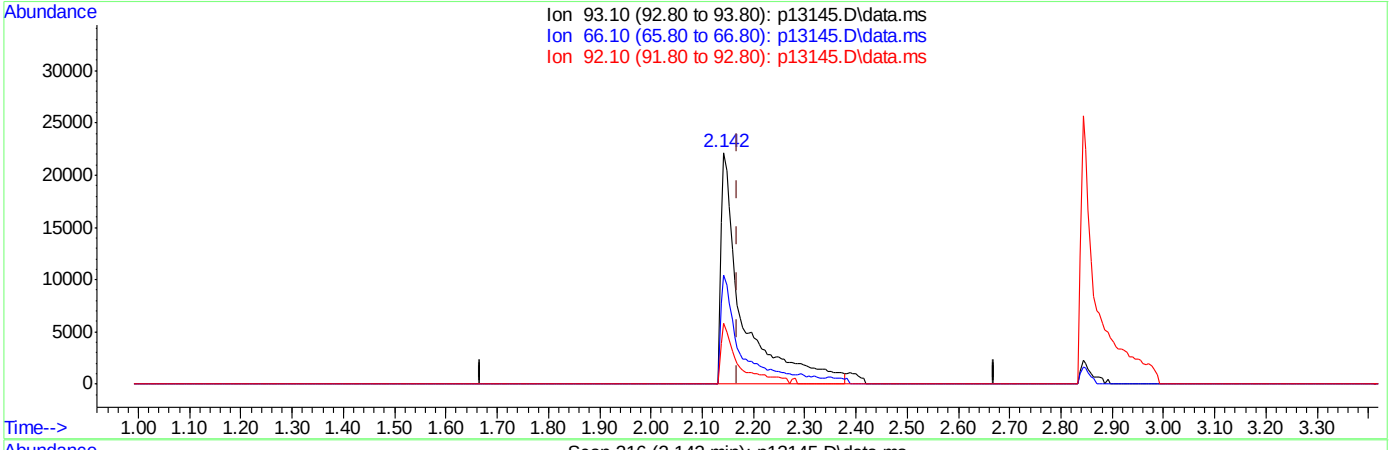
response 62131

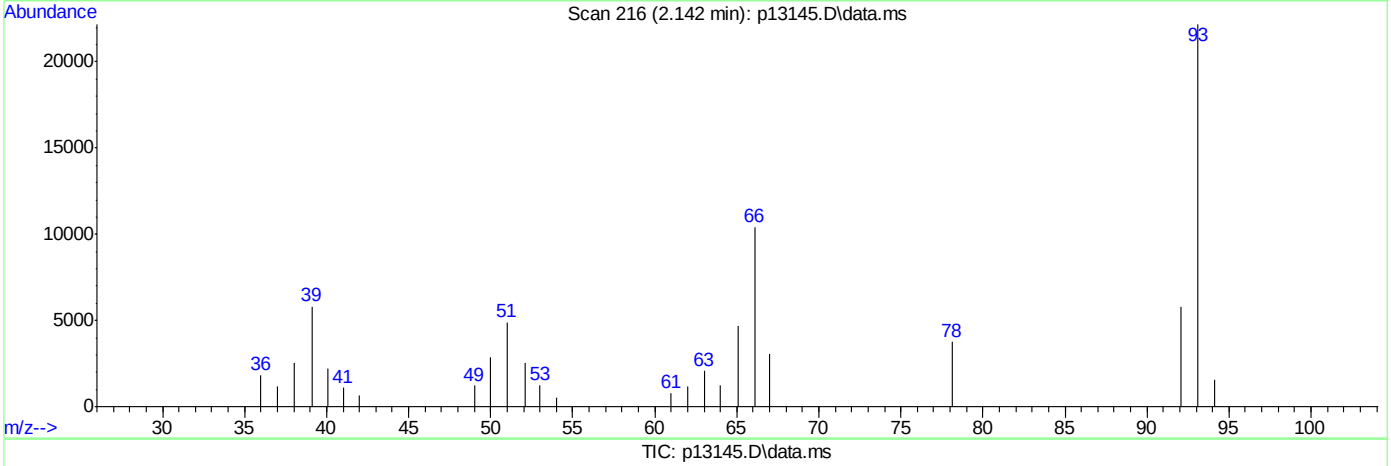
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	44.14
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(6) 2-Picoline

2.142min (-0.027) 4.80ppm

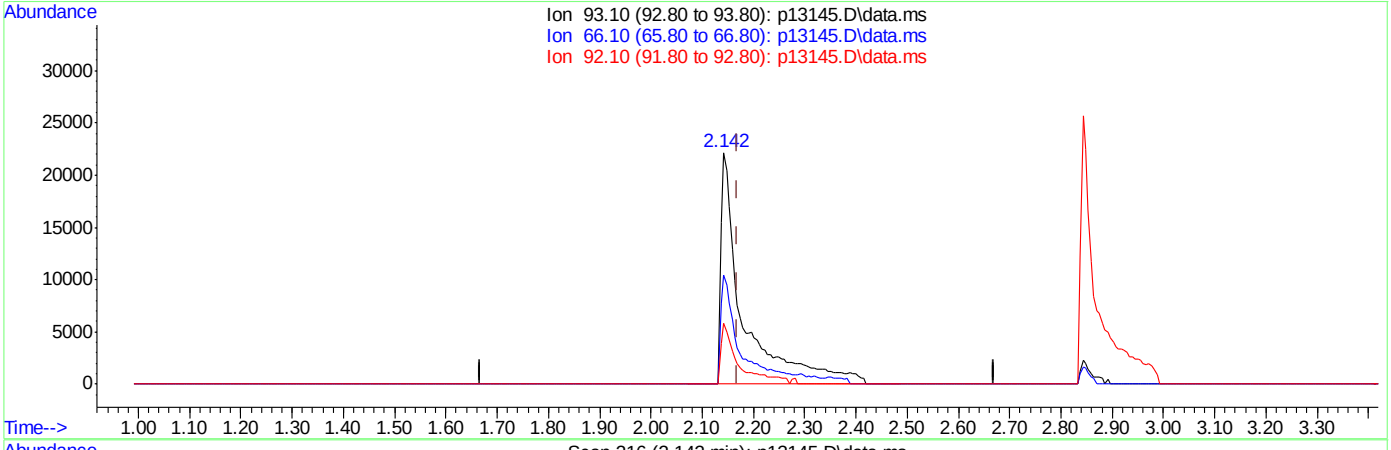
response 65118

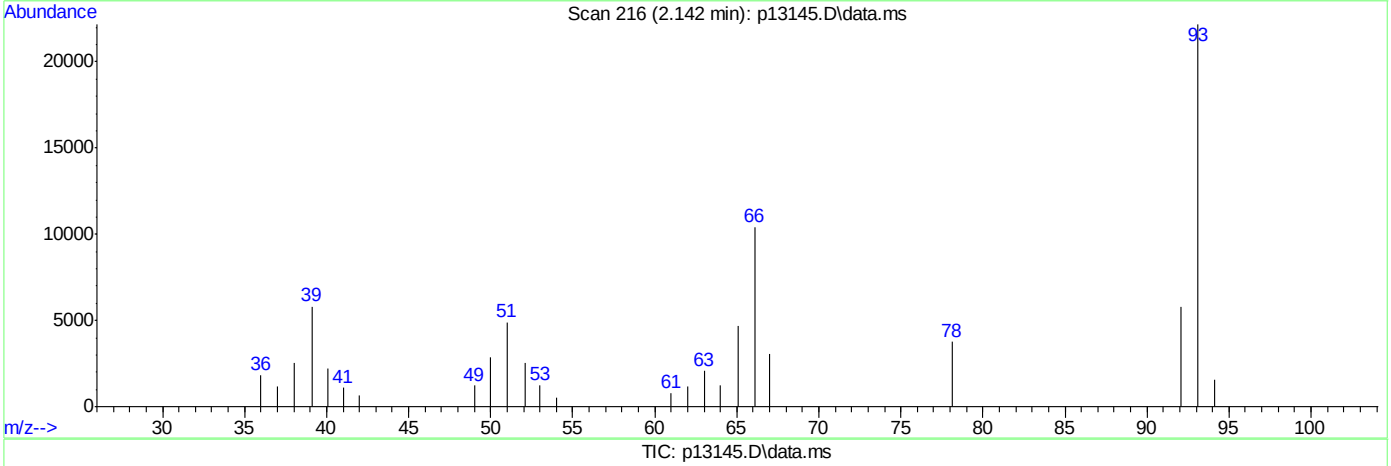
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	44.94#
92.10	0.00	18.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(6) 2-Picoline

2.142min (-0.027) 4.94ppm m

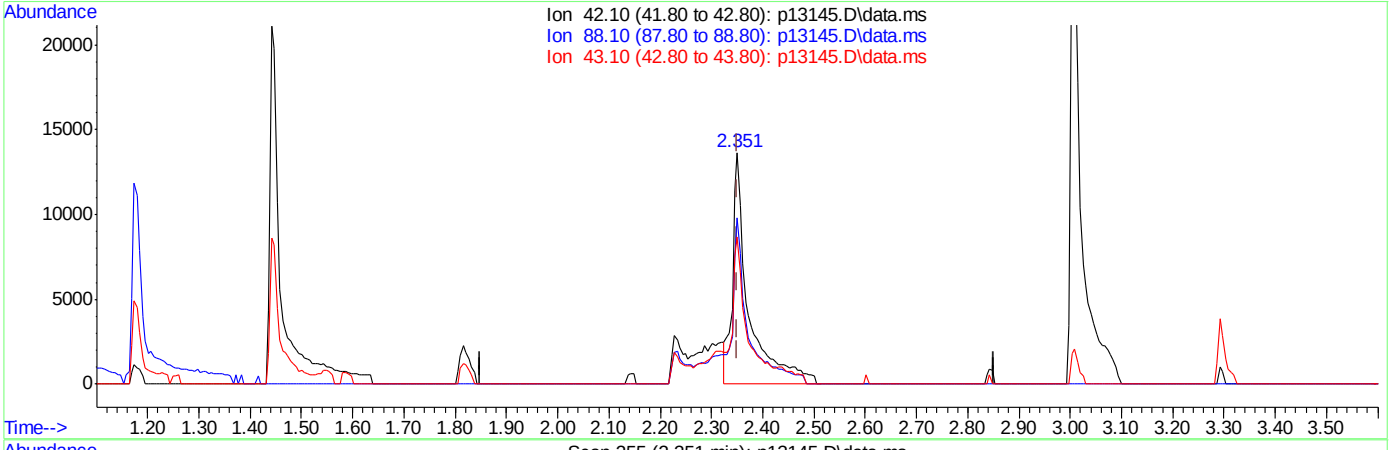
response 67066

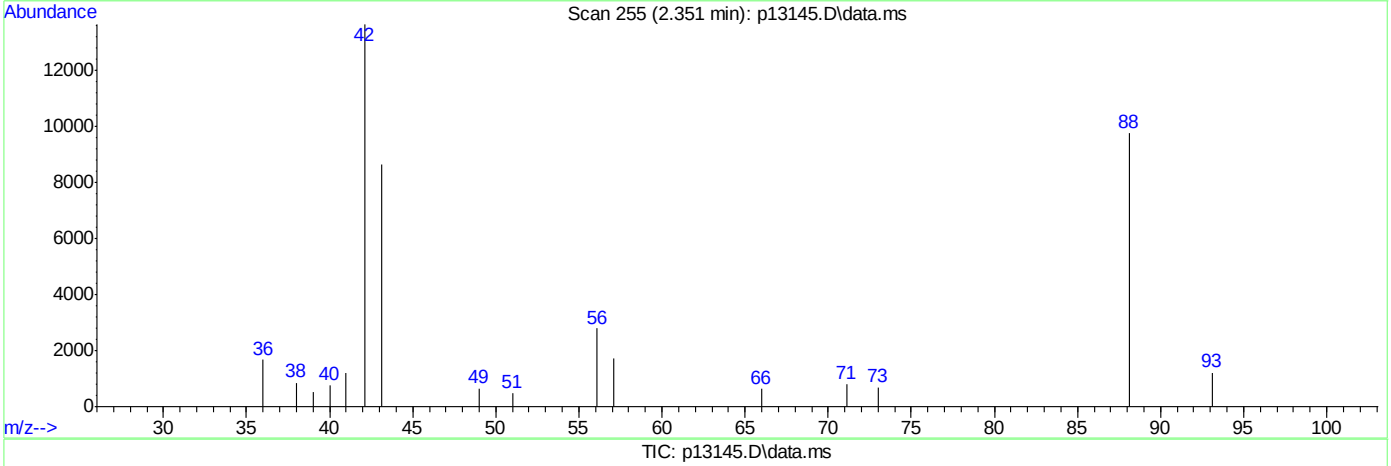
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	43.64#
92.10	0.00	18.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (-0.000) 3.53ppm

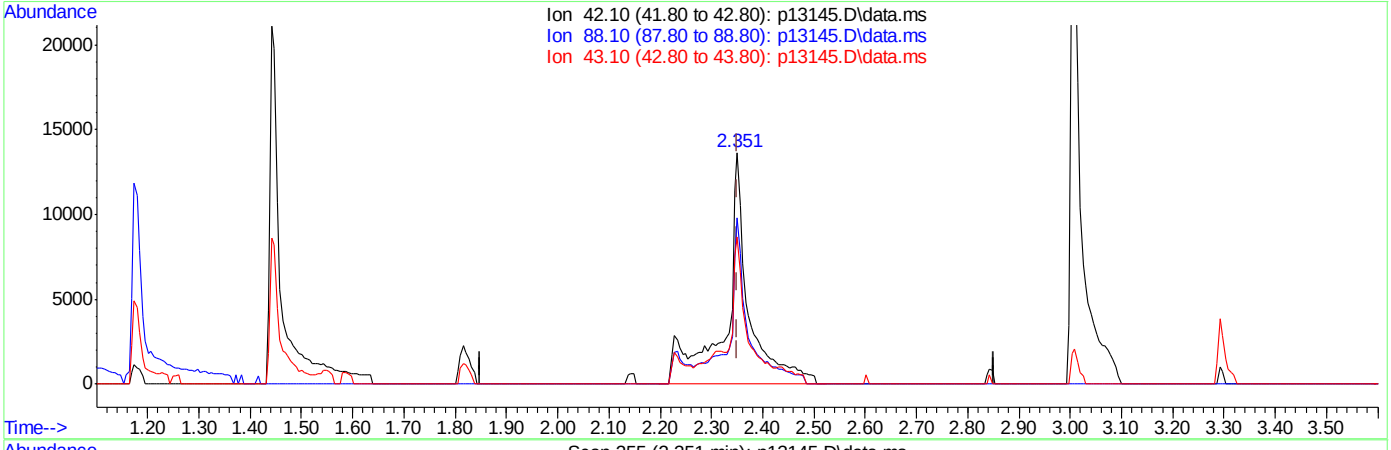
response 30437

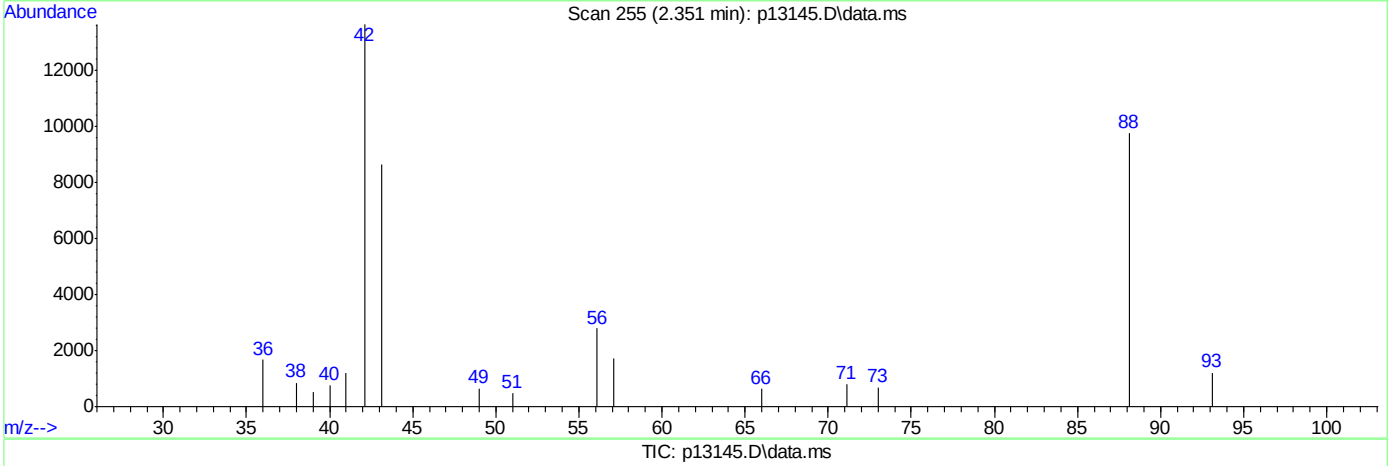
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	78.60#
43.10	46.60	38.84
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (-0.000) 5.09ppm m

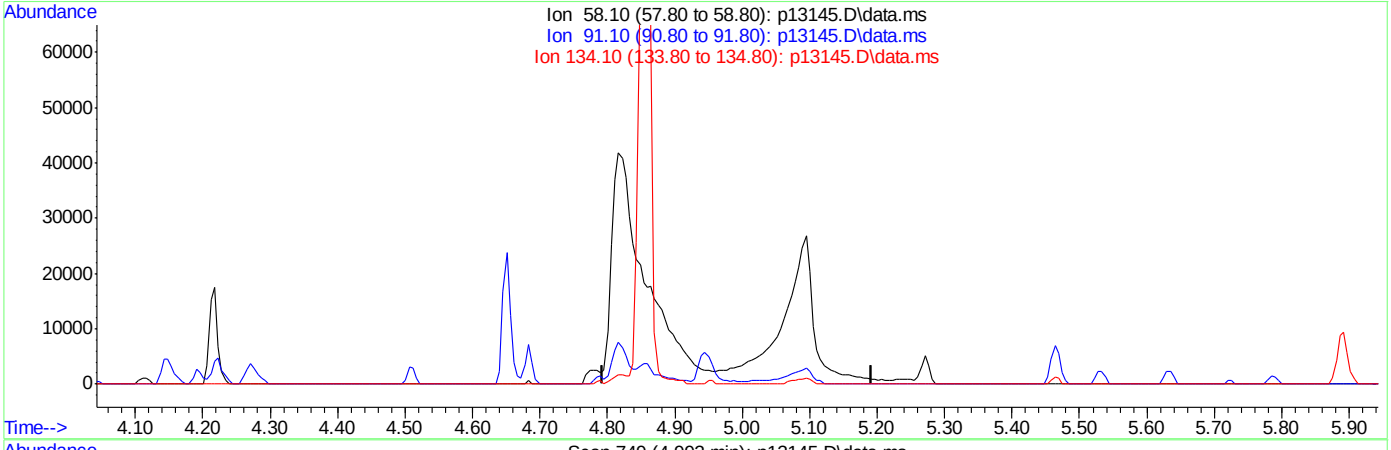
response 43863

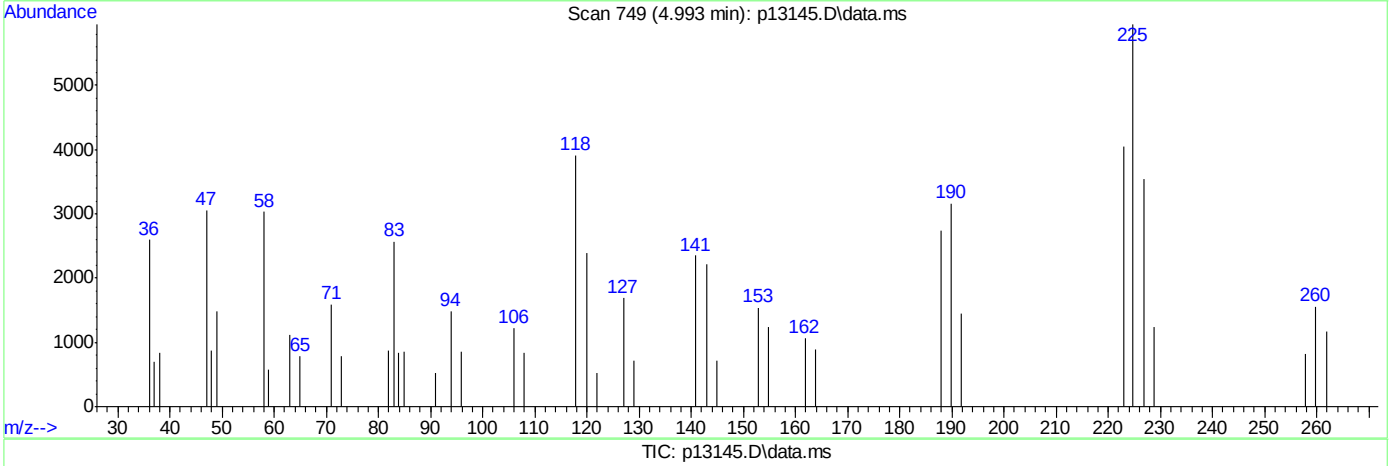
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	54.54
43.10	46.60	26.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration





TIC: p13145.D\data.ms

(35) A,A-Dimethylphenethylamine

4.993min (-4.993) 0.00ppm

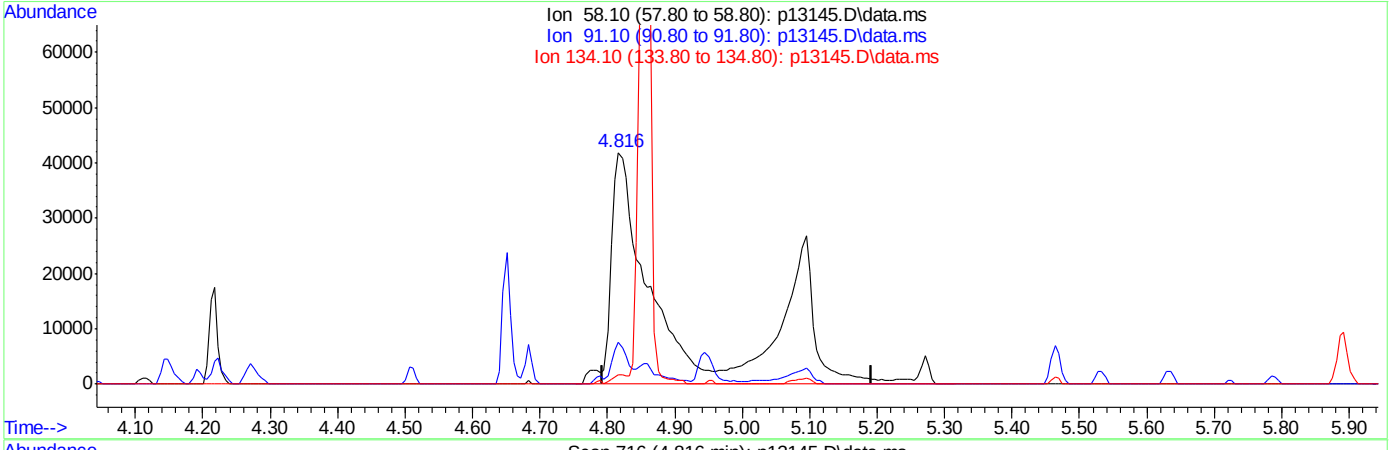
response 0

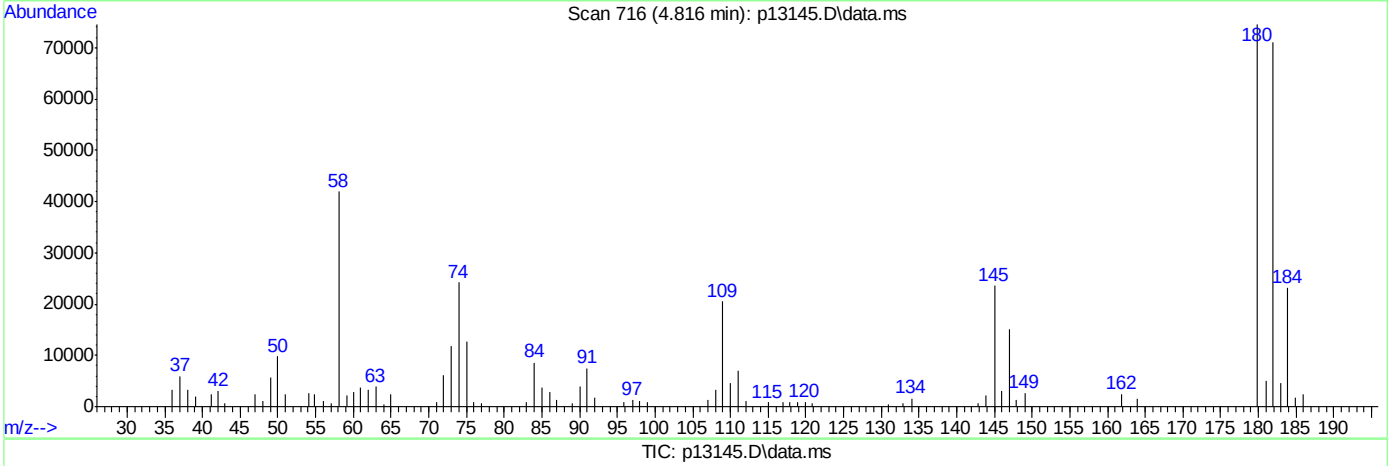
Ion	Exp%	Act%
58.10	100	0.00
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(35) A,A-Dimethylphenethylamine

4.816min (-0.177) 4.13ppm m

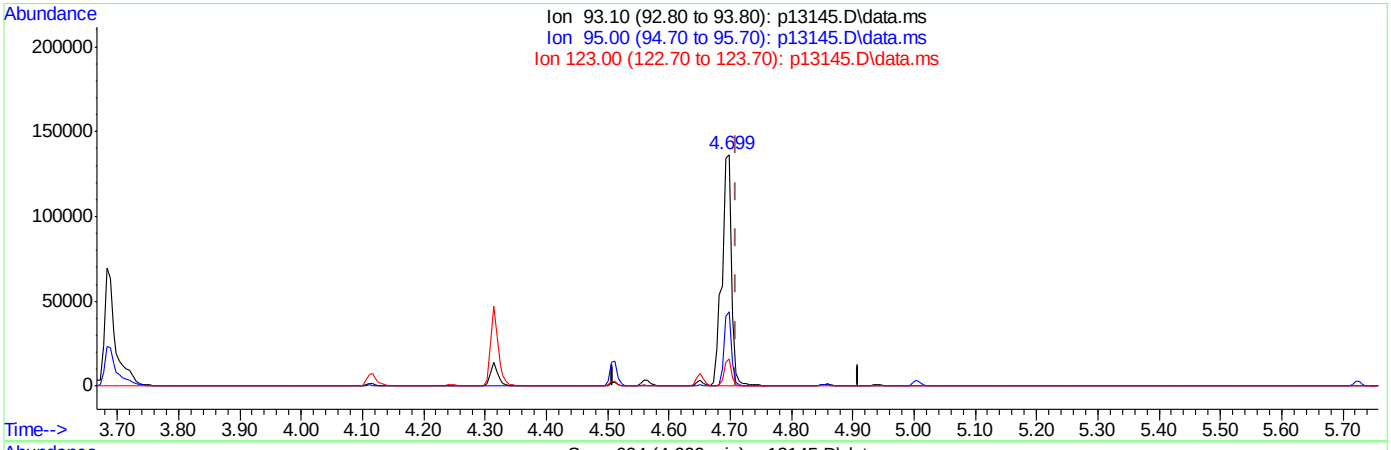
response 254148

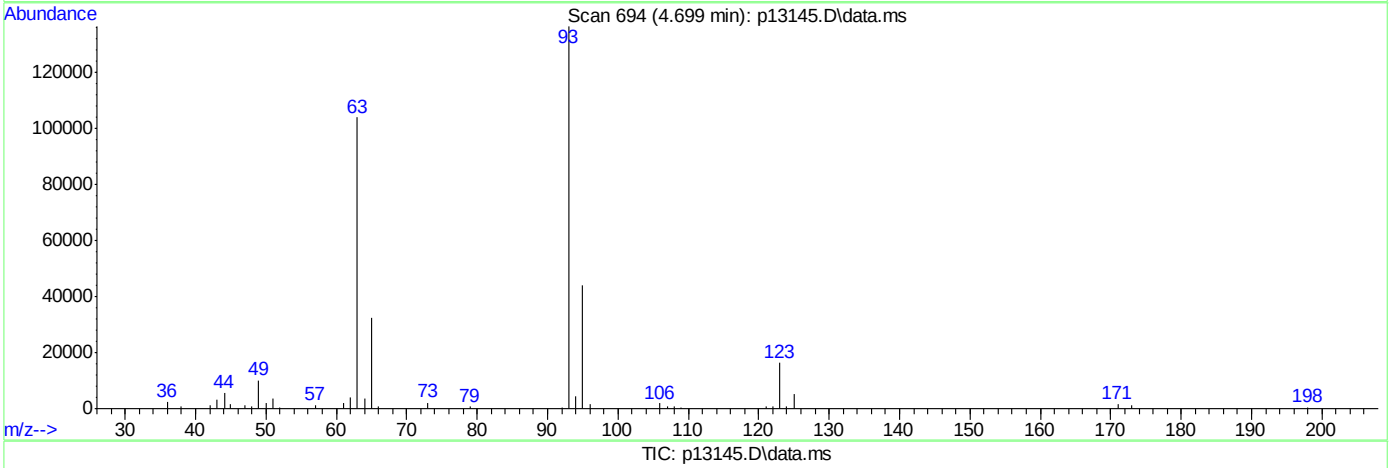
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.699min (-0.011) 7.47ppm

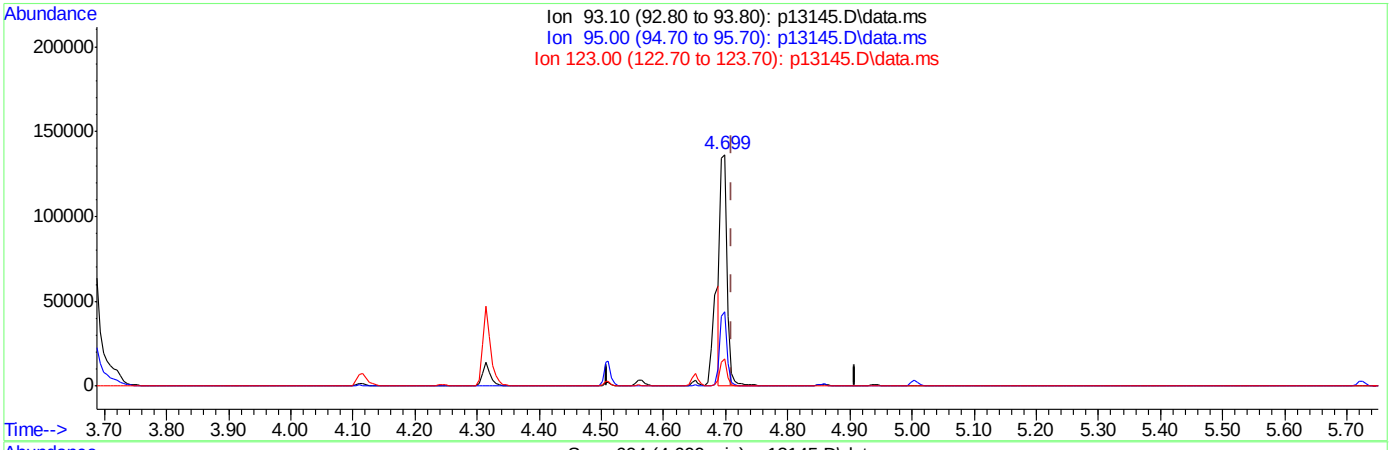
response 149125

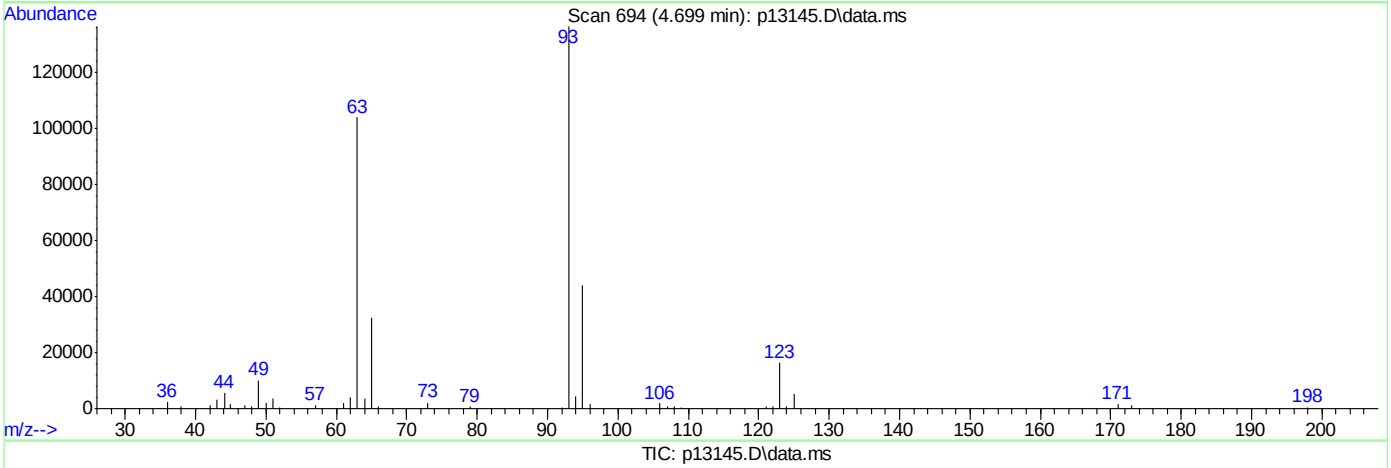
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.41
123.00	10.10	8.77
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.699min (-0.011) 5.27ppm m

response 105208

Ion	Exp%	Act%
93.10	100	100
95.00	27.90	34.60
123.00	10.10	12.43
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
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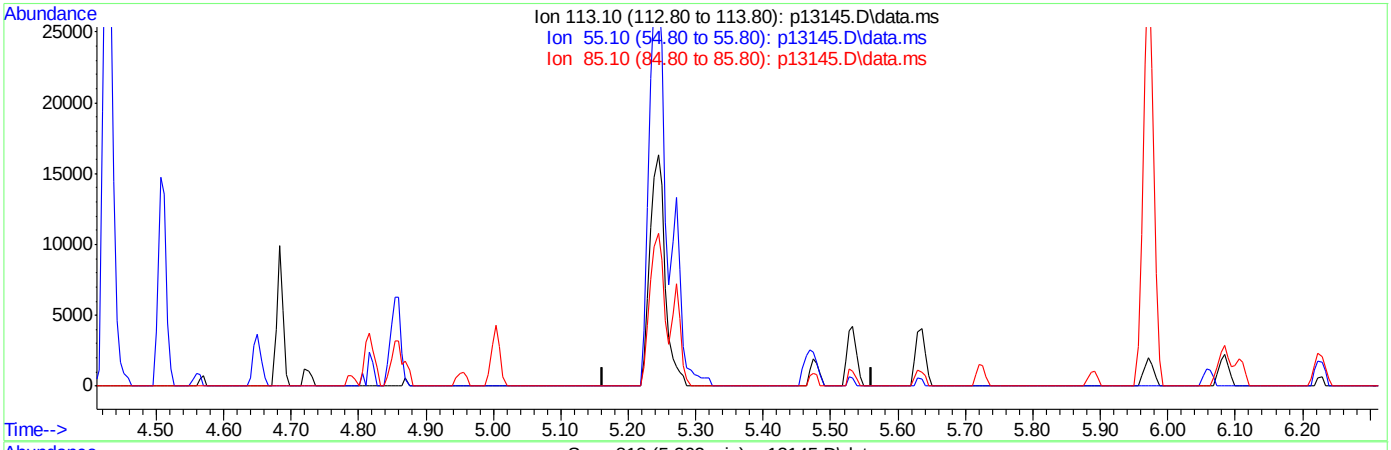
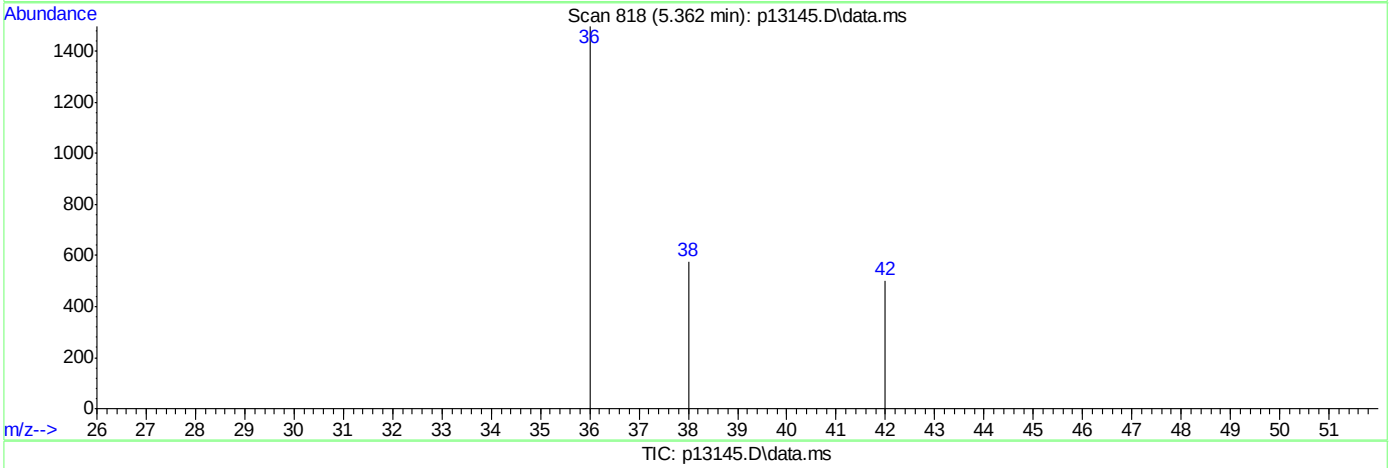




TIC: p13145.D\data.ms

(50) Caprolactam

5.362min (-5.362) 0.00ppm

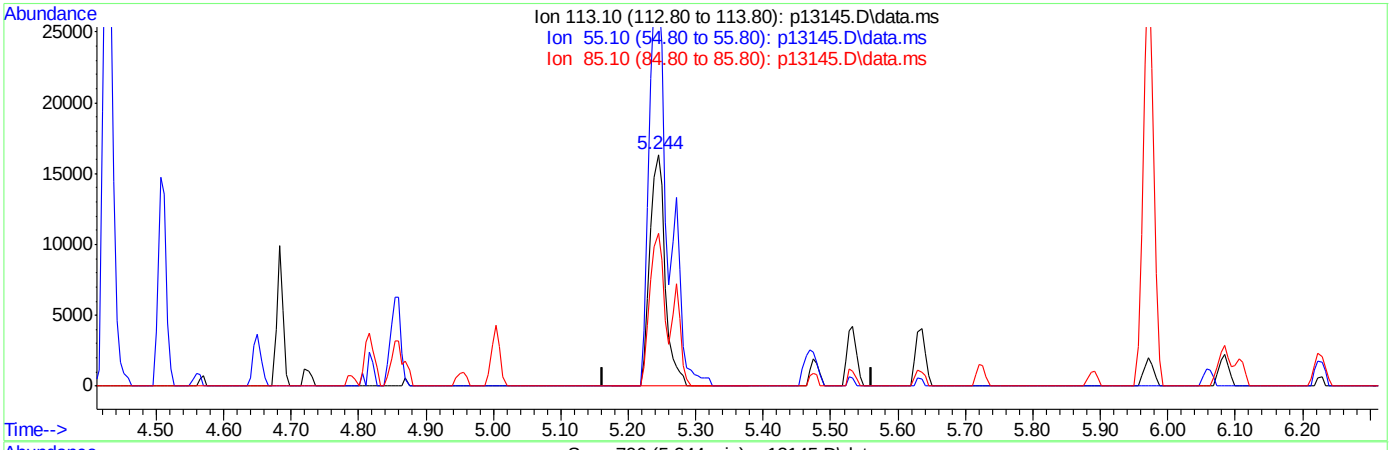
response 0

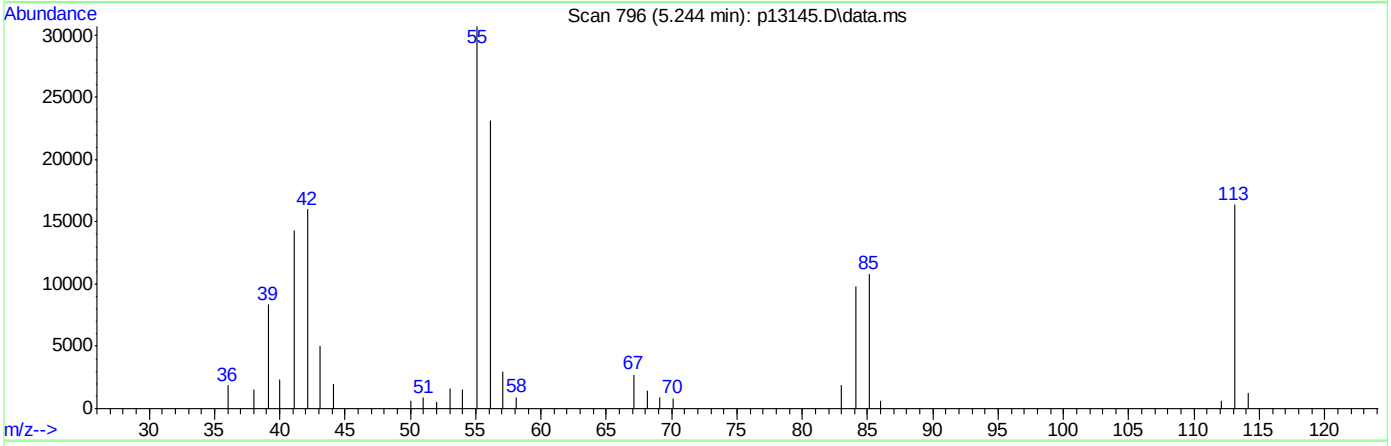
Ion	Exp%	Act%
113.10	100	0.00
55.10	182.00	0.00#
85.10	66.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(50) Caprolactam

5.244min (-0.118) 4.67ppm m

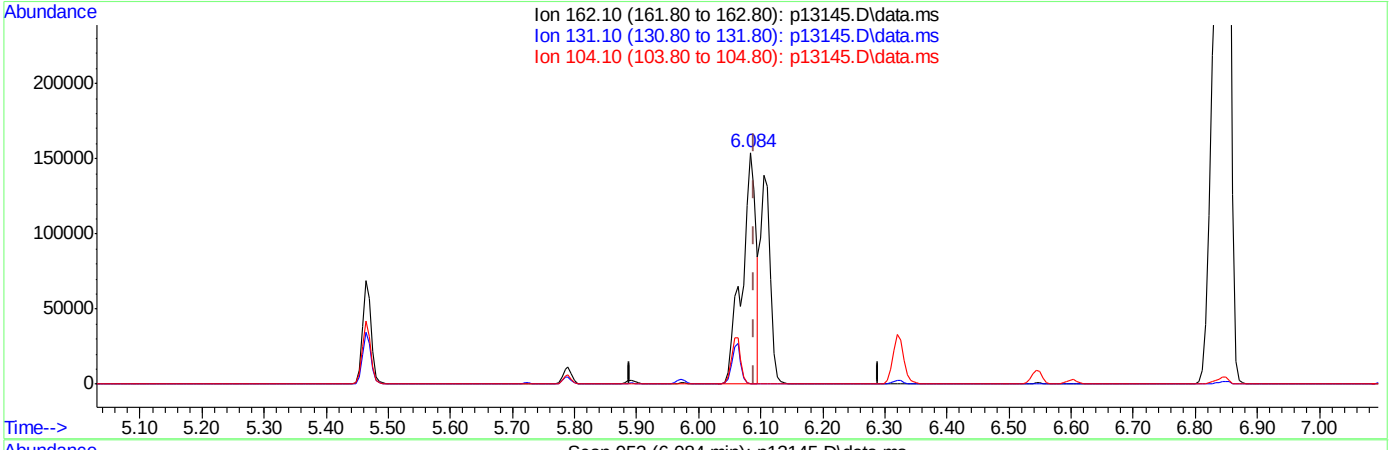
response 25644

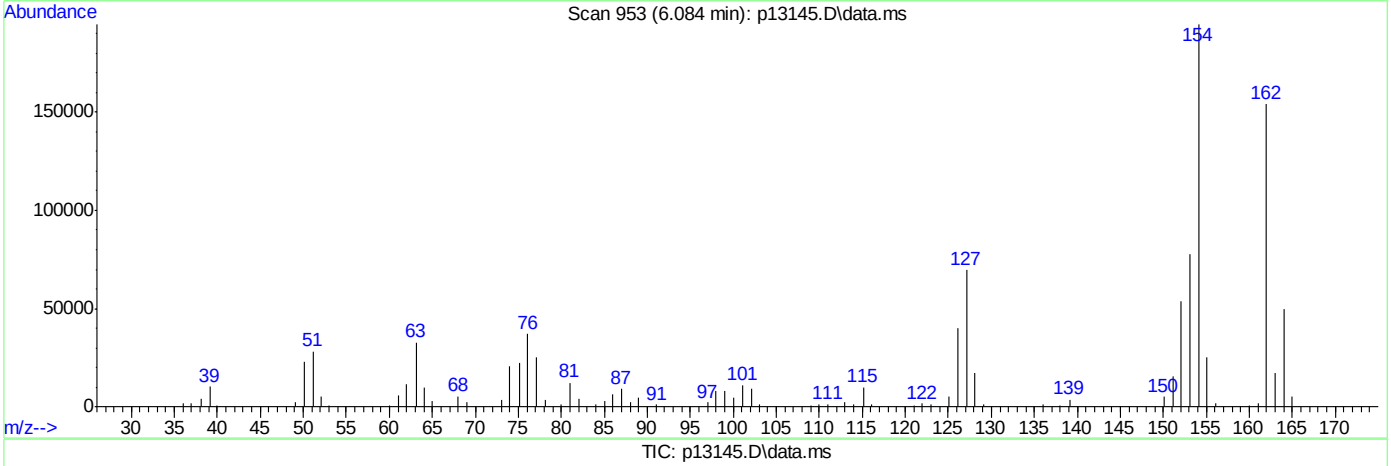
Ion	Exp%	Act%
113.10	100	100
55.10	182.00	0.00#
85.10	66.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(62) Safrole

6.084min (-0.005) 13.51ppm

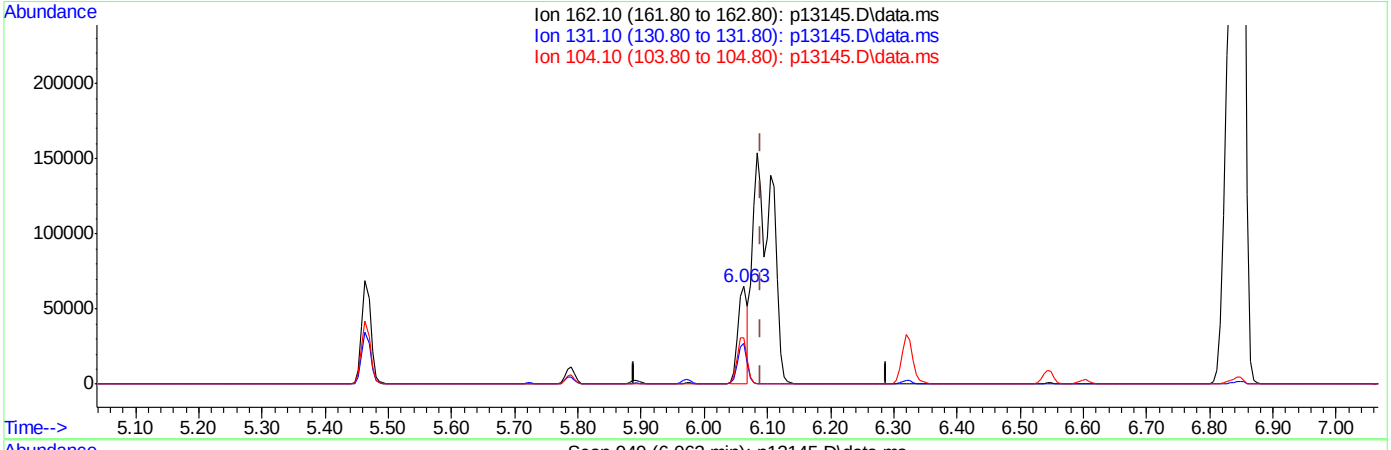
response 246358

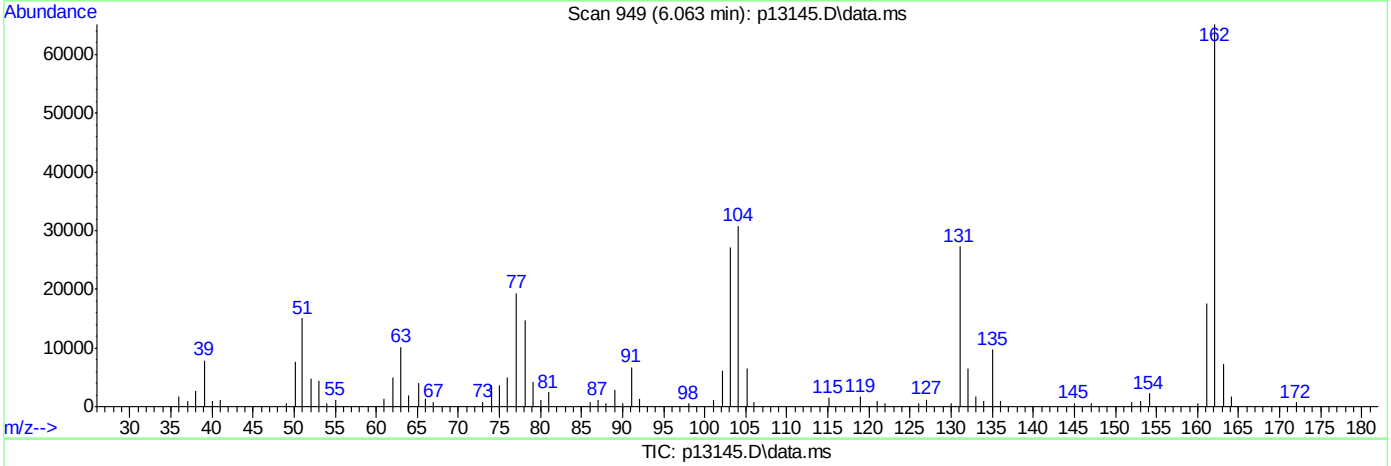
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	11.69#
104.10	31.70	13.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration





TIC: p13145.D\data.ms

(62) Safrole

6.063min (-0.027) 3.75ppm m

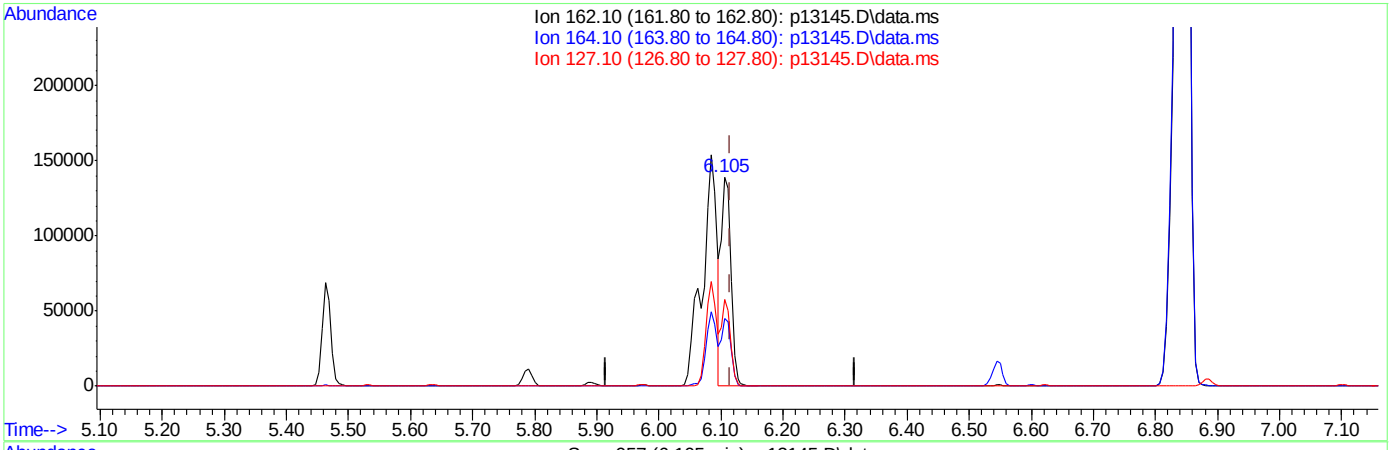
response 68490

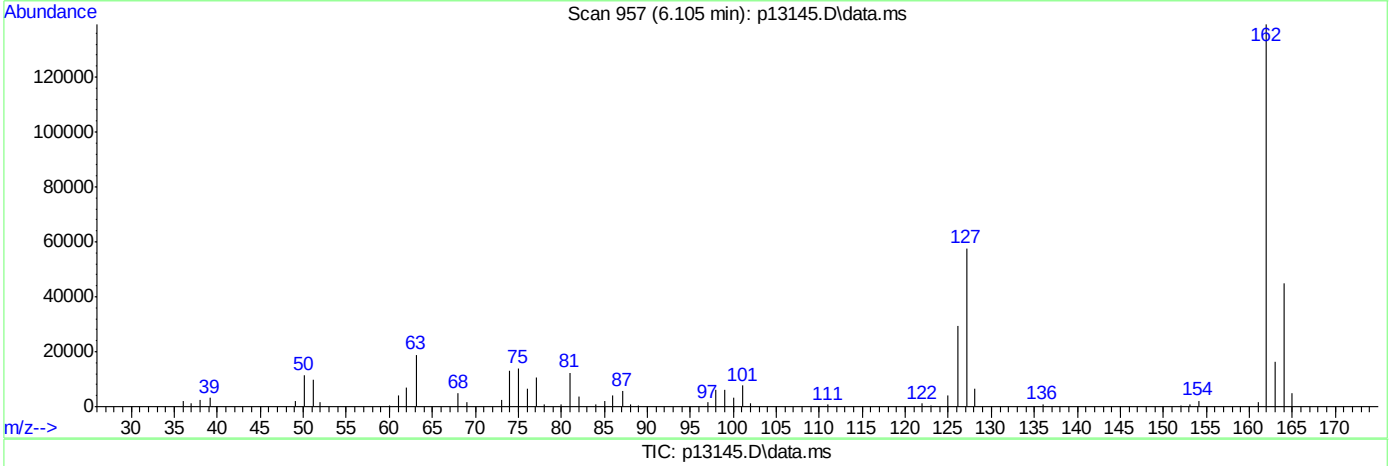
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	42.06#
104.10	31.70	49.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(64) 2-Chloronaphthalene

6.105min (-0.011) 5.94ppm

response 149345

Ion	Exp%	Act%
162.10	100	100
164.10	0.00	32.16#
127.10	0.00	30.50#
0.00	0.00	0.00

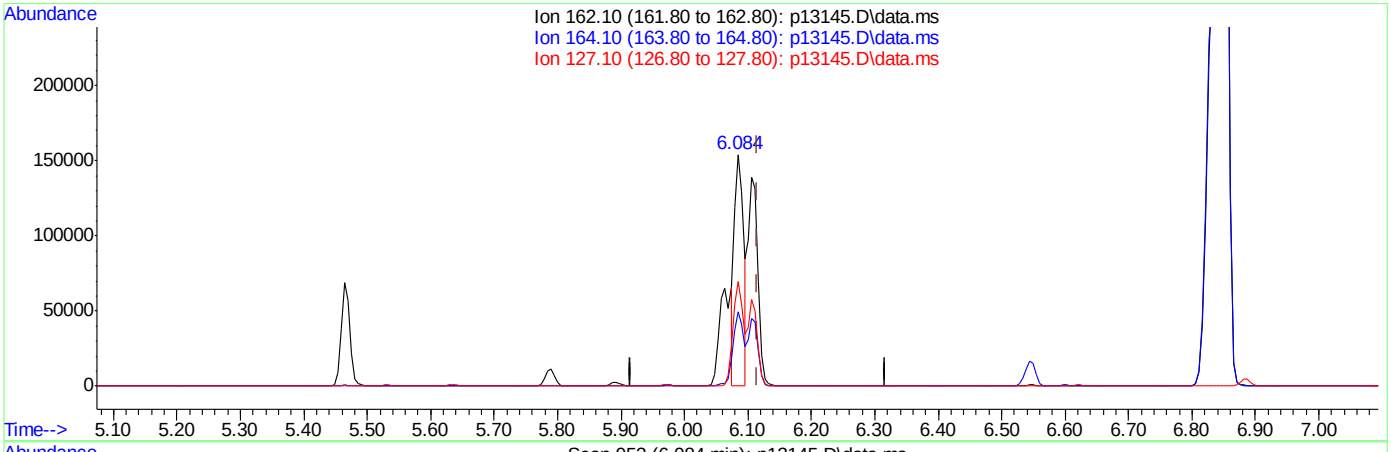
8.6.11.19

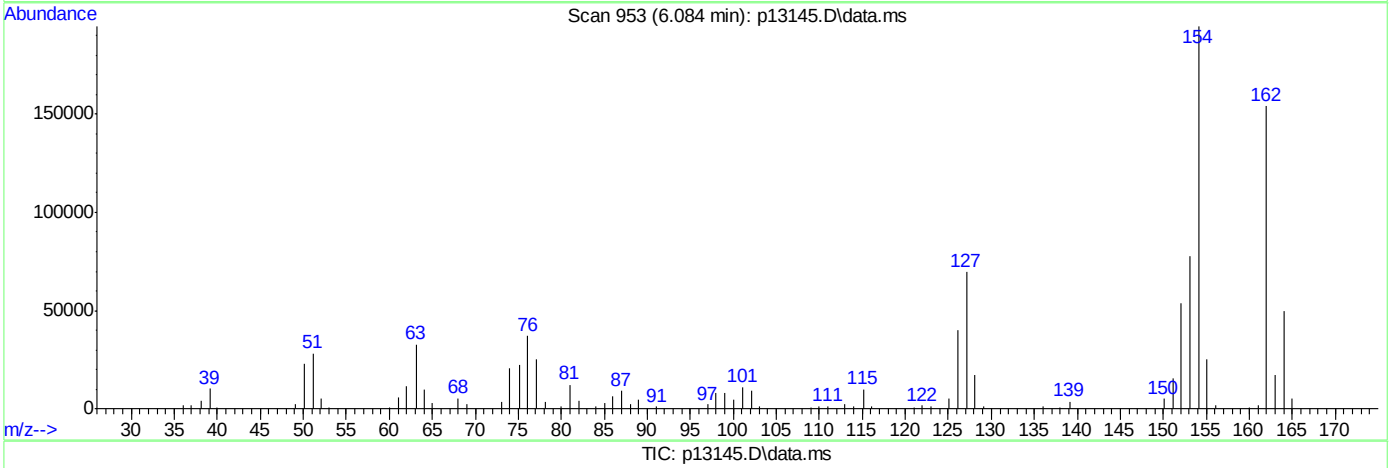
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(64) 2-Chloronaphthalene

6.084min (-0.032) 6.21ppm m

response 156210

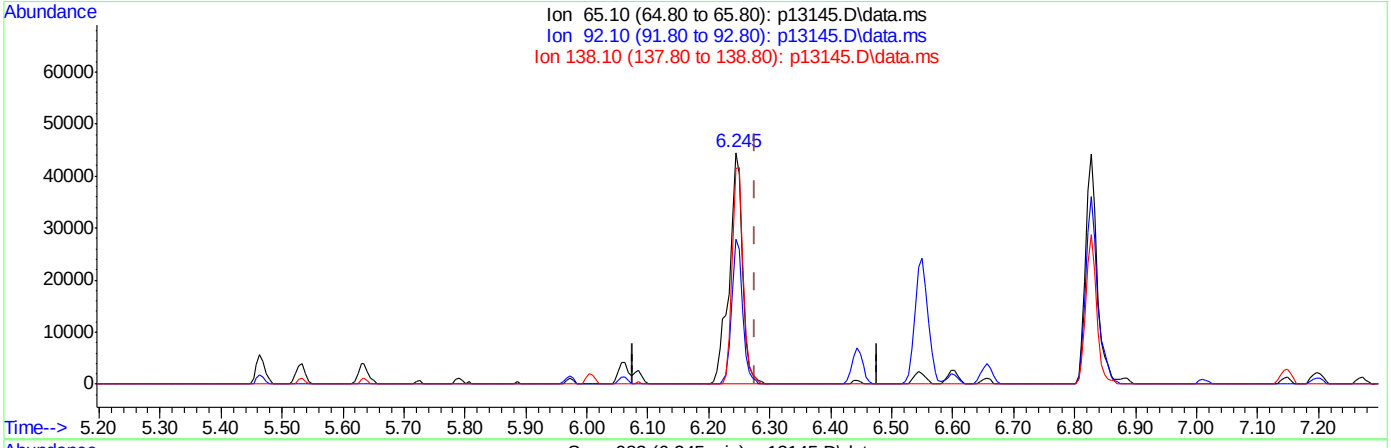
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	30.75#
127.10	0.00	29.16
0.00	0.00	0.00

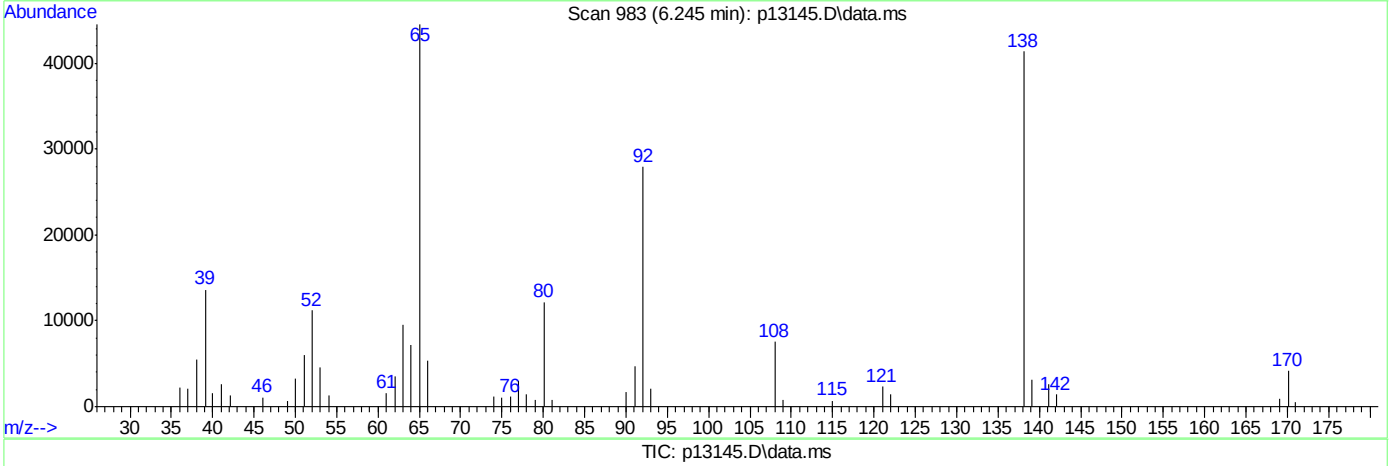
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(66) 2-Nitroaniline

6.245min (-0.032) 6.31ppm

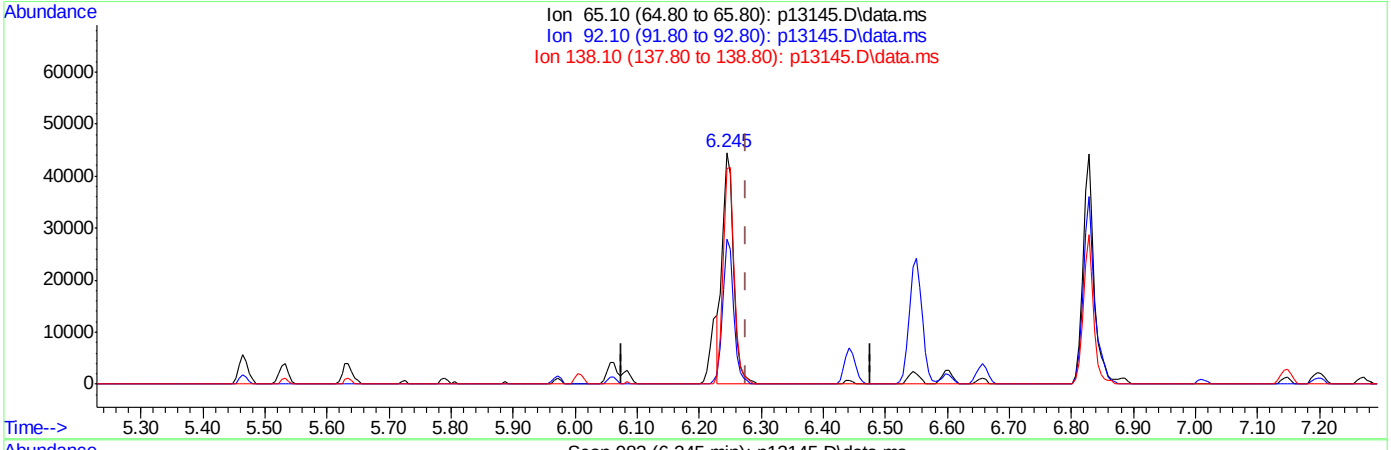
response 66470

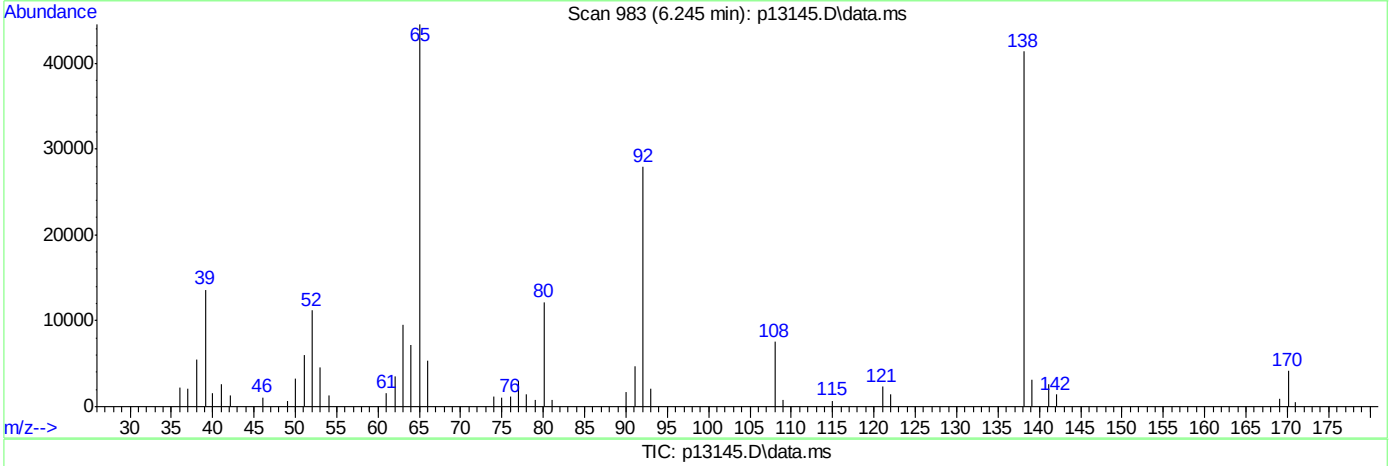
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	50.76
138.10	93.80	77.03
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(66) 2-Nitroaniline

6.245min (-0.032) 5.23ppm m

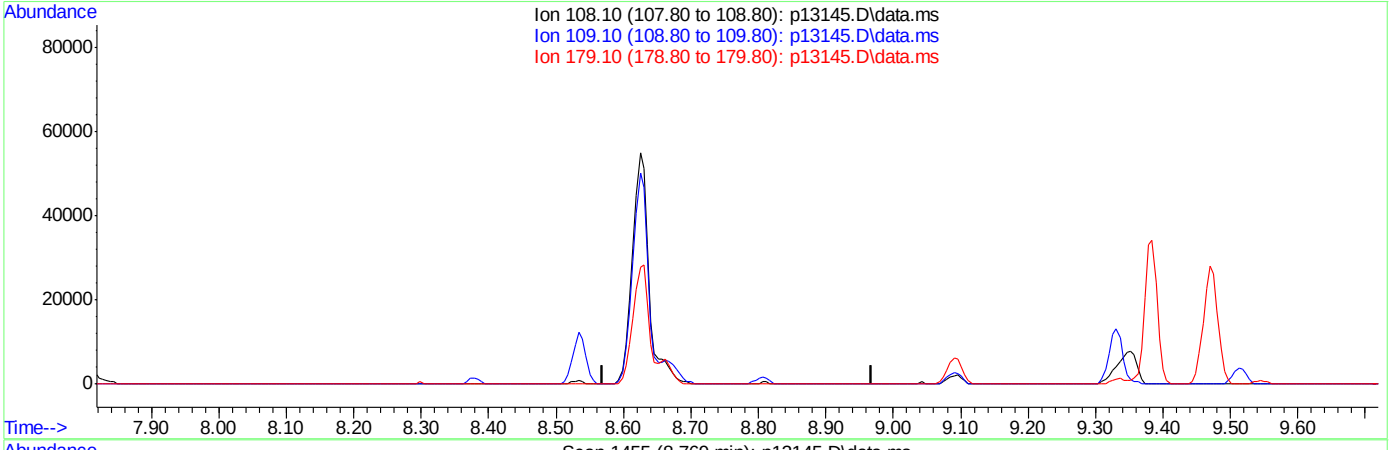
response 55030

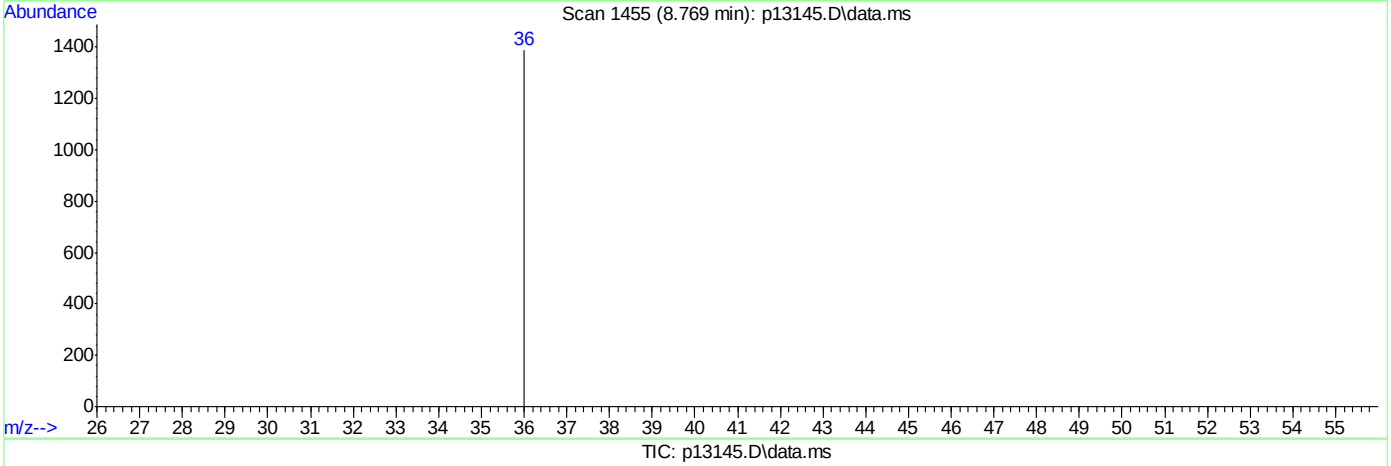
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	61.32
138.10	93.80	93.05
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(99) Phenacetin

8.769min (-8.769) 0.00ppm

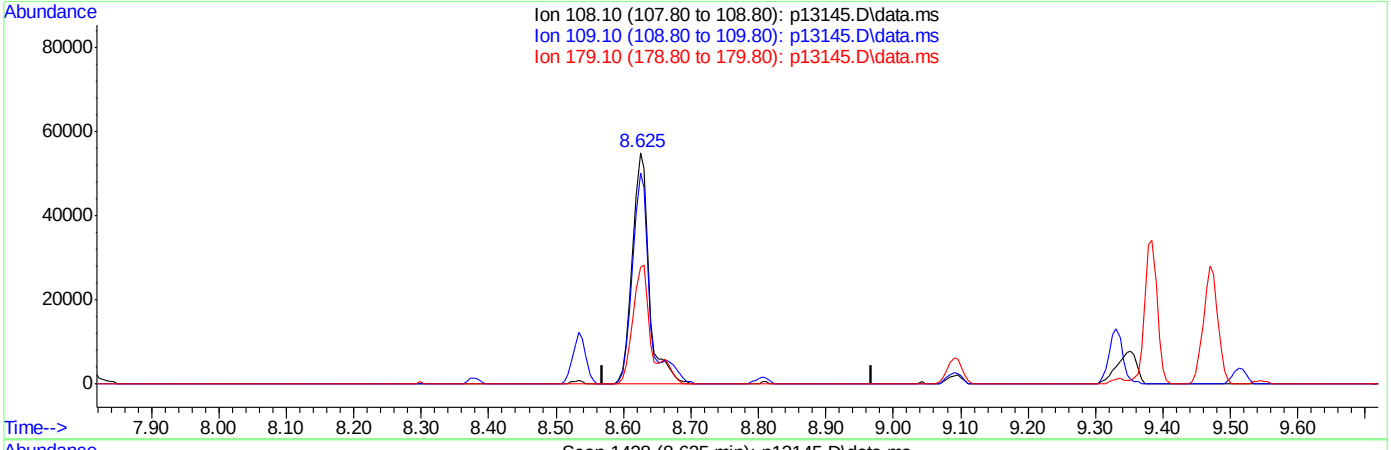
response 0

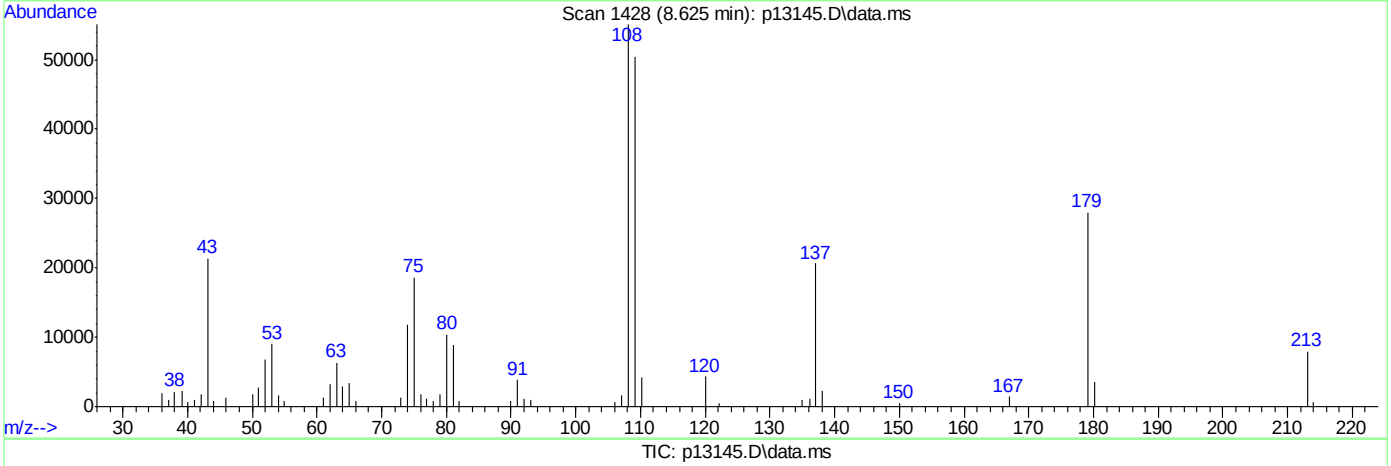
Ion	Exp%	Act%
108.10	100	0.00
109.10	56.00	0.00#
179.10	33.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(99) Phenacetin

8.625min (-0.145) 4.93ppm m

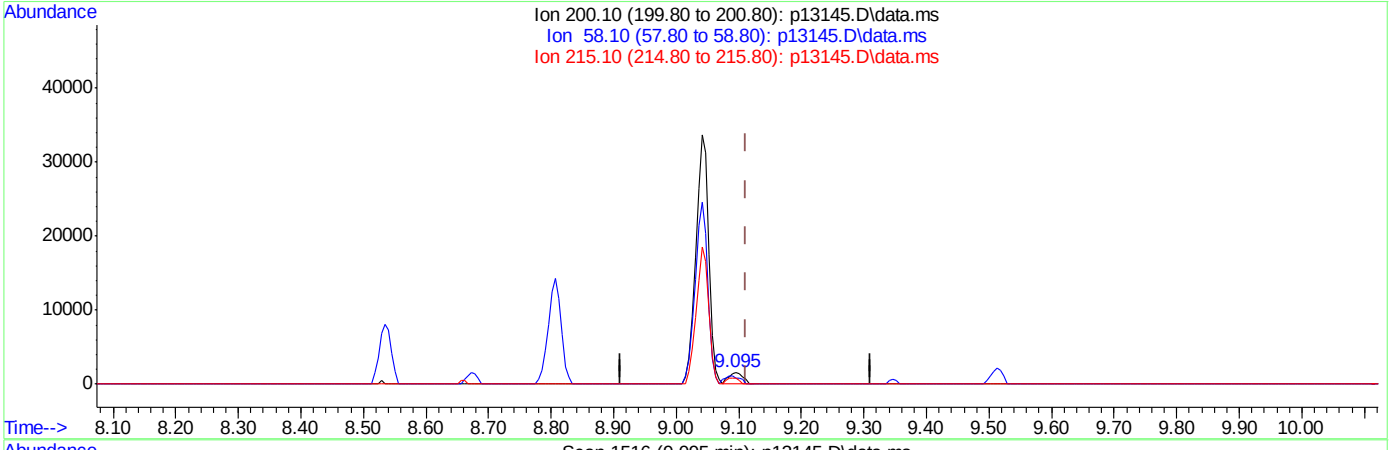
response 96097

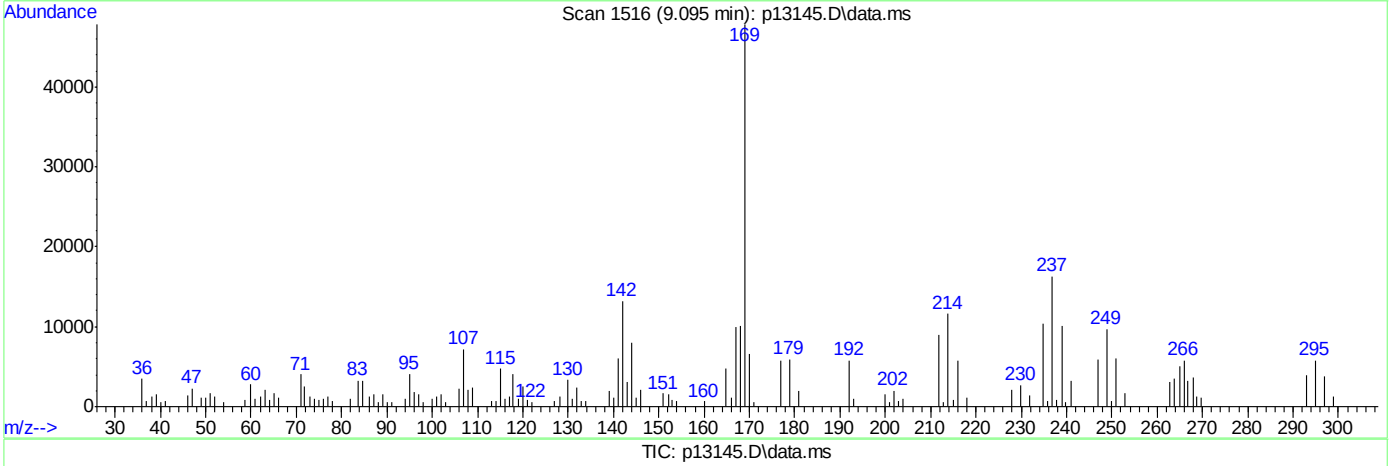
Ion	Exp%	Act%
108.10	100	100
109.10	56.00	0.00#
179.10	33.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





(102) Atrazine

9.095min (-0.016) 0.36ppm

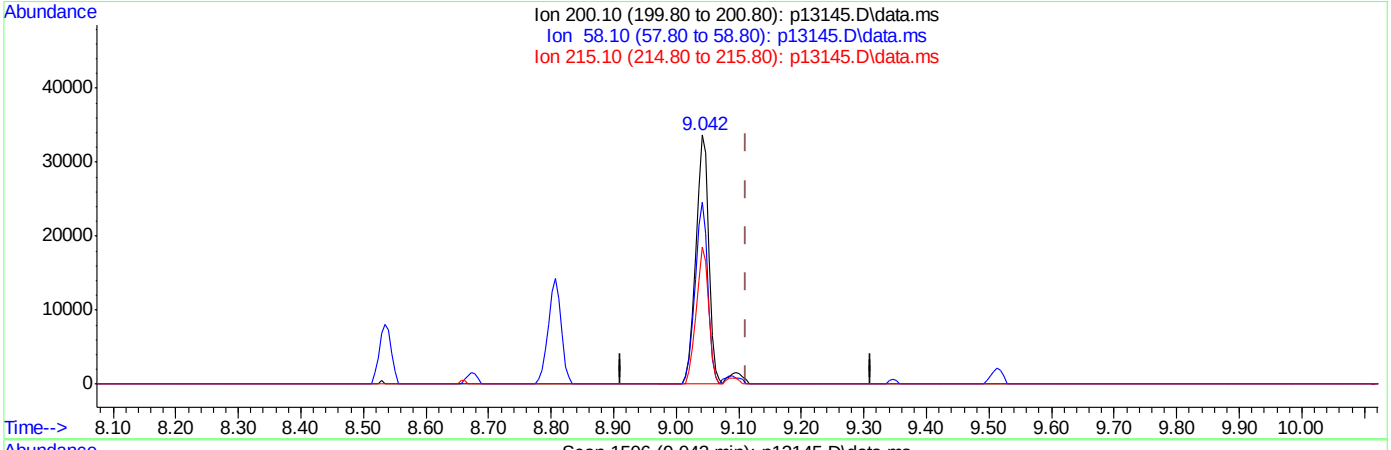
response 2505

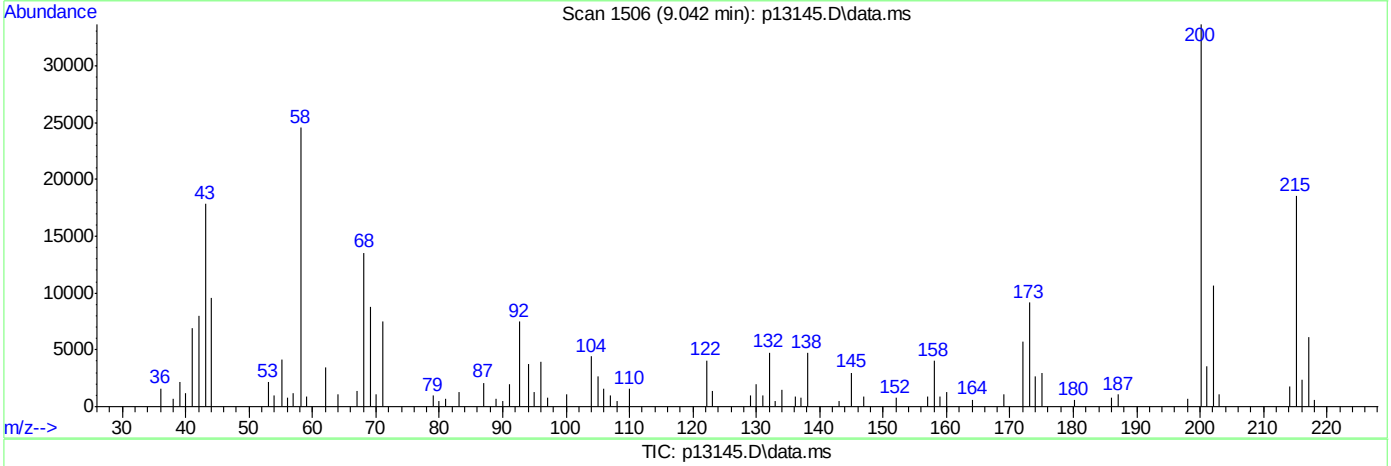
Ion	Exp%	Act%
200.10	100	100
58.10	69.80	77.76
215.10	55.10	44.59
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(102) Atrazine

9.042min (-0.070) 6.85ppm m

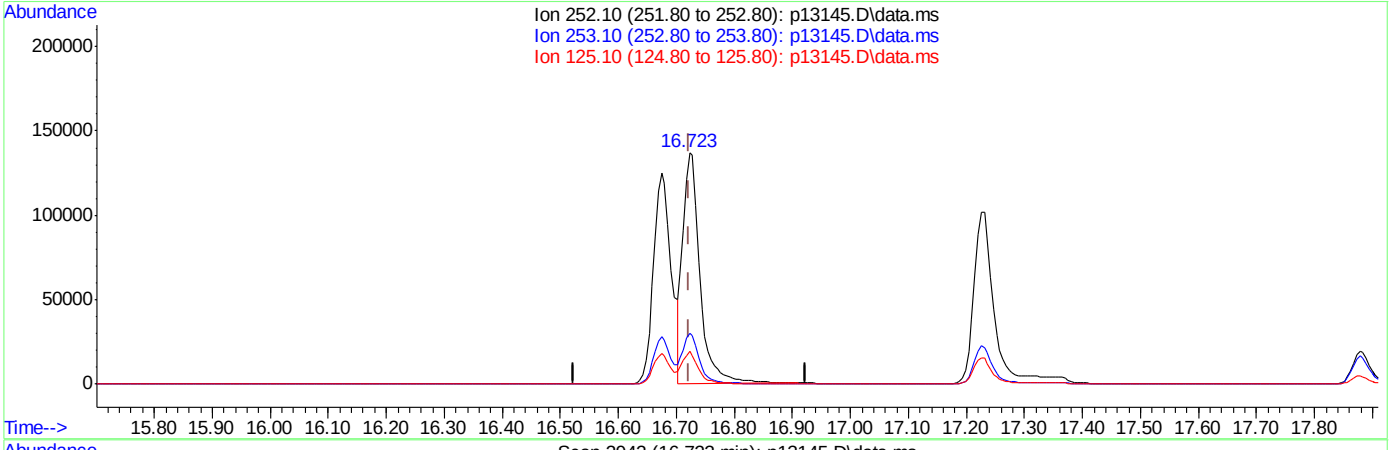
response 47792

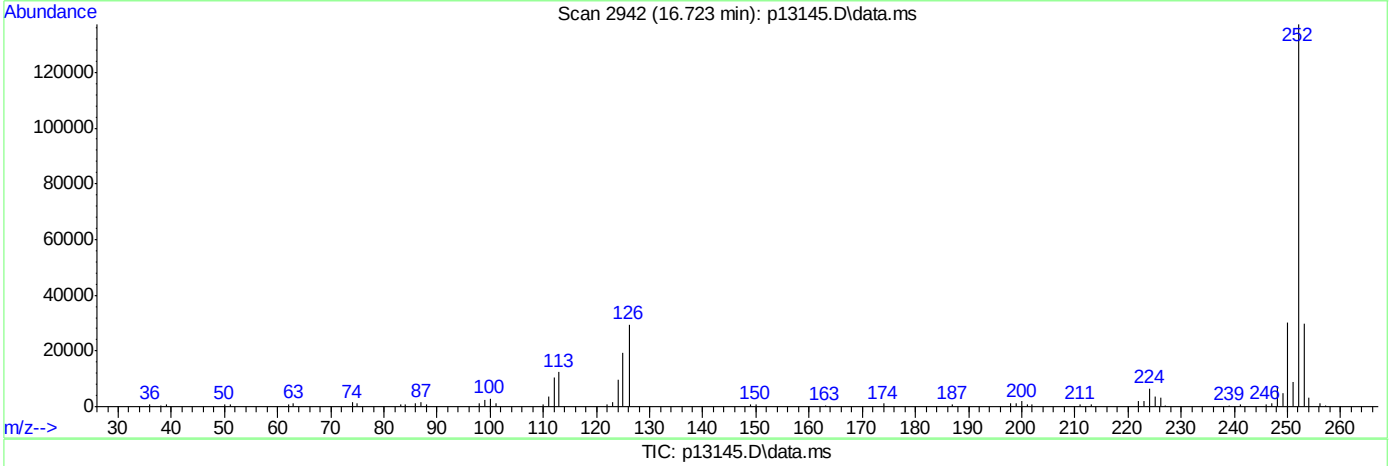
Ion	Exp%	Act%
200.10	100	100
58.10	69.80	4.08#
215.10	55.10	2.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On : 4 Sep 2010 9:40 am
Operator : garyj
Sample : ic621-5
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration





TIC: p13145.D\data.ms

(136) Benzo[b]fluoranthene

16.723min (-0.000) 5.16ppm

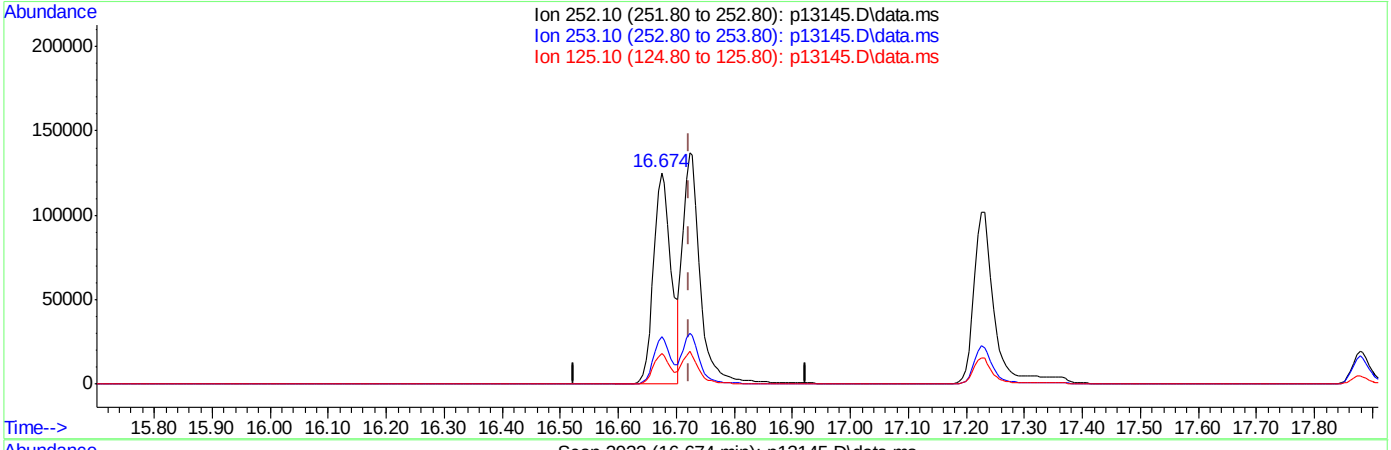
response 287184

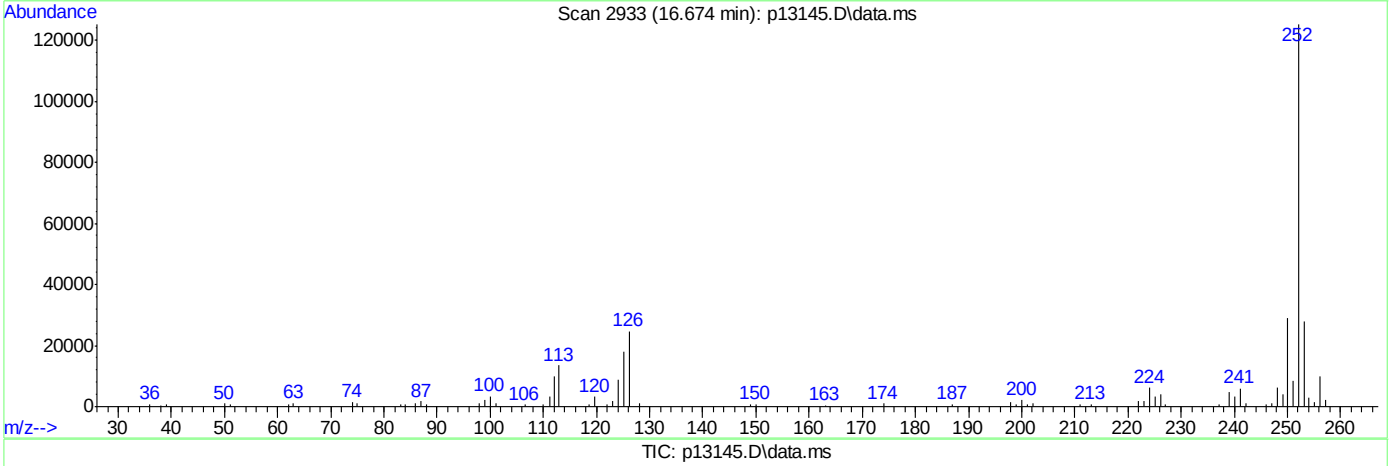
Ion	Exp%	Act%
252.10	100	100
253.10	23.50	22.89
125.10	16.20	14.16
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13145.D
Acq On    :  4 Sep 2010   9:40 am
Operator  : garyj
Sample    : ic621-5
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 04 10:00:40 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 09:43:20 2010
Response via : Initial Calibration
```





TIC: p13145.D\data.ms

(136) Benzo[b]fluoranthene

16.674min (-0.048) 4.72ppm m

response 262916

Ion	Exp%	Act%
252.10	100	100
253.10	23.50	25.00
125.10	16.20	15.47
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:35:46 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.859	152	435667	40.00	ppm	0.00
31) Naphthalene-d8	4.859	136	1551549	40.00	ppm	0.00
57) Acenaphthene-d10	6.849	164	1061479	40.00	ppm	-0.01
88) Phenanthrene-d10	9.357	188	1913324	40.00	ppm	-0.02
118) Chrysene-d12	14.653	240	2182096	40.00	ppm	-0.02
134) Perylene-d12	17.364	264	1493032	40.00	ppm	0.01
System Monitoring Compounds						
13) 2-Fluorophenol	2.837	112	452727	38.36	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 38.36%			
15) Phenol-d5	3.677	99	638989	40.35	ppm	-0.01
Spiked Amount 100.000	Range 10 - 53		Recovery = 40.35%			
32) Nitrobenzene-d5	4.303	82	332135	20.34	ppm	-0.02
Spiked Amount 50.000	Range 29 - 115		Recovery = 40.68%			
61) 2-Fluorobiphenyl	5.977	172	622066	19.80	ppm	-0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 39.60%			
93) 2,4,6-Tribromophenol	8.122	330	138020	34.00	ppm	-0.04
Spiked Amount 100.000	Range 32 - 128		Recovery = 34.00%			
121) Terphenyl-d14	12.625	244	697422	18.19	ppm	-0.04
Spiked Amount 50.000	Range 12 - 145		Recovery = 36.38%			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.179	79	84821m	9.83	ppm	
3) 1,4-Dioxane	1.169	88	44449m	9.70	ppm	
4) N-nitrosodimethylamine	1.436	42	62853m	9.70	ppm	
5) Pyridine	1.393	79	116815m	9.25	ppm	
6) 2-Picoline	2.137	93	125433	9.44	ppm #	61
7) N-Nitrosomethylethylamine	2.345	42	80970m	9.46	ppm	
8) Methyl methanesulfonate	2.656	80	73151	9.61	ppm	100
9) N-Nitrosodiethylamine	3.009	102	66694	9.69	ppm	98
10) Ethyl methanesulfonate	3.297	79	108282	9.59	ppm	100
11) Benzaldehyde	3.511	106	41947	10.67	ppm	100
12) Aniline	3.618	93	206751	9.75	ppm	98
14) bis(2-Chloroethyl)ether	3.688	93	154492	10.19	ppm	78
16) Phenol	3.688	94	172445	10.06	ppm	94
17) 2-Chlorophenol	3.720	128	133238	9.86	ppm	99
18) 1,3-Dichlorobenzene	3.811	146	160286	9.89	ppm	99
19) 1,4-Dichlorobenzene	3.870	146	163514	9.90	ppm	97
20) 1,2-Dichlorobenzene	3.987	146	158347	10.00	ppm	99
21) Benzyl alcohol	4.009	108	94718	9.90	ppm	98
22) bis(2-chloroisopropyl)...	4.116	45	300500	10.11	ppm	98
23) 2-Methylphenol	4.153	108	133204	9.74	ppm #	21
24) N-Nitrosopyrrolidine	4.180	100	83638	10.08	ppm	94
25) N-Nitrosomorpholine	4.212	56	130869	10.72	ppm	93
26) o-Toluidine	4.223	106	252432	10.47	ppm #	40
27) Acetophenone	4.196	105	205200	10.01	ppm #	12
28) Hexachloroethane	4.244	117	71337	10.54	ppm	88
29) N-Nitroso-di-n-propyla...	4.223	70	122135	10.54	ppm	75
30) 3&4-Methylphenol	4.271	108	139106	9.78	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:35:46 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	4.314	77	175706	10.26	ppm		99
34) N-Nitrosopiperidine	4.431	42	139850	10.03	ppm		98
35) A,A-Dimethylphenethyla...	4.870	58	528015m	9.61	ppm		
36) Isophorone	4.512	82	331455	9.92	ppm		100
37) 2-Nitrophenol	4.565	139	61051	10.02	ppm		96
38) 2,4-Dimethylphenol	4.651	107	158454	10.23	ppm		99
39) bis(2-Chloroethoxy)met...	4.699	93	200403m	10.00	ppm		
40) O,O,O-Triethyl phospho...	4.688	121	73615	10.16	ppm		93
41) Benzoic Acid	4.758	105	1685	0.50	ppm		82
42) 2,4-Dichlorophenol	4.790	162	110972	10.05	ppm		100
43) 1,2,4-Trichlorobenzene	4.816	180	142160	10.10	ppm		99
44) Naphthalene	4.875	128	430523	10.24	ppm		99
45) 4-Chloroaniline	4.945	127	172375	10.38	ppm		95
46) 2,6-Dichlorophenol	4.956	162	111428	10.02	ppm		99
47) Hexachloropropene	4.956	213	44782	9.91	ppm		99
48) Hexachlorobutadiene	5.004	225	88030	9.97	ppm		100
49) p-Phenylenediamine	5.287	108	18213	6.77	ppm	#	100
50) Caprolactam	5.266	113	49358	9.50	ppm	#	76
51) N-Nitrosodi-n-butylamine	5.276	84	151225	11.89	ppm	#	85
52) 4-Chloro-3-methylphenol	5.480	107	126537	9.85	ppm		98
53) Isosafrole	5.469	162	116351	9.92	ppm		100
54) 2-Methylnaphthalene	5.533	142	307151	10.24	ppm		99
55) 1-Methylnaphthalene	5.635	142	300413	10.19	ppm		99
56) 1,2,4,5-Tetrachloroben...	5.726	216	138930	9.82	ppm		99
58) Hexachlorocyclopentadiene	5.731	237	16337	8.37	ppm	#	100
59) 2,4,6-Trichlorophenol	5.892	196	73179	9.52	ppm		100
60) 2,4,5-Trichlorophenol	5.977	196	68188	9.34	ppm		100
62) Safrole	6.063	162	139920m	8.91	ppm		
63) 1,1'-Biphenyl	6.089	154	346810	10.09	ppm		100
64) 2-Chloronaphthalene	6.089	162	304811m	11.00	ppm		
65) 1-Chloronaphthalene	6.111	162	250619	11.99	ppm	#	100
66) 2-Nitroaniline	6.250	65	99669m	9.42	ppm		
67) 1,4-Naphthoquinone	6.325	158	121140	10.51	ppm		98
68) Acenaphthylene	6.624	152	480063	10.19	ppm		99
69) Dimethylphthalate	6.555	163	350202	9.79	ppm		100
70) m-Dinitrobenzene	6.448	168	47942	9.83	ppm		100
71) 2,6-Dinitrotoluene	6.608	165	78107	9.89	ppm		85
72) Acenaphthene	6.886	153	304977	10.01	ppm		100
73) 3-Nitroaniline	6.833	138	67077	9.53	ppm	#	96
74) 2,4-Dinitrophenol	7.015	184	16867	7.05	ppm		95
75) Dibenzofuran	7.148	168	424536	10.06	ppm		98
76) Pentachlorobenzene	7.106	250	122817	9.63	ppm		99
77) 2,4-Dinitrotoluene	7.207	165	102265	9.70	ppm		99
78) 4-Nitrophenol	7.336	109	33747	9.61	ppm		91
79) 1-Naphthylamine	7.277	143	122812	7.81	ppm	#	95
80) 2-Naphthylamine	7.411	143	82078	5.81	ppm		99
81) 2,3,4,6-Tetrachlorophenol	7.411	232	58738	9.46	ppm		98
82) Fluorene	7.694	166	364008	10.23	ppm		100
83) 4-Chlorophenyl-phenyle...	7.758	204	170833	9.89	ppm		97
84) Diethylphthalate	7.667	149	395535	10.06	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:35:46 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.881	152	1460	0.14	ppm	#	1
86)	Thionazin	7.785	97	96304	9.96	ppm		98
87)	4-Nitroaniline	7.806	138	73673	12.43	ppm		89
89)	4,6-Dinitro-2-methylph...	7.881	198	34770	8.75	ppm		96
90)	n-Nitrosodiphenylamine	7.978	169	305208	10.30	ppm		99
91)	1,2-Diphenylhydrazine	8.020	77	421853	9.65	ppm		95
92)	Diphenylamine	7.978	169	305208	10.30	ppm		99
94)	Tetraethyl dithiopyrop...	8.384	97	76982	10.13	ppm		92
95)	sym-Trinitrobenzene	8.630	213	36652	9.66	ppm	#	67
96)	Diallate	8.539	43	216800	10.74	ppm	#	89
97)	Phorate	8.539	75	260629	11.01	ppm		99
98)	4-Bromophenyl-phenylether	8.598	248	99443	9.84	ppm		99
99)	Phenacetin	8.646	108	188299m	9.88	ppm		
100)	Hexachlorobenzene	8.668	284	102709	9.50	ppm		93
101)	Dimethoate	8.823	87	162988	10.64	ppm		100
102)	Atrazine	9.053	200	86926	10.68	ppm		97
103)	4-aminobiphenyl	9.095	169	292115	10.15	ppm		98
104)	Pentachlorophenol	9.101	266	27487	8.12	ppm		97
105)	Pentachloronitrobenzene	9.101	237	49247	9.90	ppm		98
106)	Pronamide	9.341	173	164995	9.92	ppm		96
107)	Phenanthrene	9.390	178	523257	10.21	ppm		96
108)	Anthracene	9.475	178	525832	10.33	ppm		99
109)	Disulfoton	9.518	88	205240	9.32	ppm		91
110)	Carbazole	9.855	167	490485	10.10	ppm		98
111)	Methyl parathion	10.219	109	144678	10.56	ppm		99
112)	Di-n-butylphthalate	10.775	149	757489	10.23	ppm		99
113)	4-Nitroquinoline 1-Oxide	10.930	190	24802	8.31	ppm		95
114)	Parathion	11.042	97	102662	10.05	ppm		99
115)	Methapyrilene	11.235	58	81014	10.77	ppm	#	99
116)	Isodrin	11.379	193	72578	10.04	ppm		98
117)	Fluoranthene	11.695	202	588589	10.16	ppm		99
119)	Benzidine	12.101	184	160722	9.79	ppm		98
120)	Pyrene	12.117	202	635278	9.54	ppm		99
122)	Aramite	12.909	185	46897	9.53	ppm		97
123)	p-(Dimethylamine)azobe...	12.930	120	198314	9.28	ppm		99
124)	Chlorobenzilate	13.096	139	225740	9.42	ppm		96
126)	3,3'-Dimethylbenzidine	13.626	212	198594	10.81	ppm		99
127)	Famphur	13.583	218	97771	9.85	ppm	#	100
128)	Butylbenzylphthalate	13.770	149	343557	9.66	ppm		97
129)	2-Acetylaminofluorene	14.145	181	207653	10.80	ppm		100
130)	3,3'-Dichlorobenzidine	14.690	252	189473	15.11	ppm		98
131)	Benzo[a]anthracene	14.610	228	555937	9.75	ppm		99
132)	Chrysene	14.690	228	531546	9.87	ppm		99
133)	bis(2-Ethylhexyl)phtha...	15.091	149	481302	9.81	ppm		100
135)	Di-n-octylphthalate	16.359	149	720717	9.33	ppm		99
136)	Benzo[b]fluoranthene	16.680	252	445303m	9.41	ppm		
137)	Benzo[k]fluoranthene	16.733	252	498634	10.80	ppm		99
138)	7,12-Dimethylbenz(a)an...	16.696	256	98898	7.42	ppm		99
140)	Benzo[a]pyrene	17.231	252	407943	10.00	ppm		99
141)	3-Methylcholanthrene	17.883	268	175118	9.55	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:35:46 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration

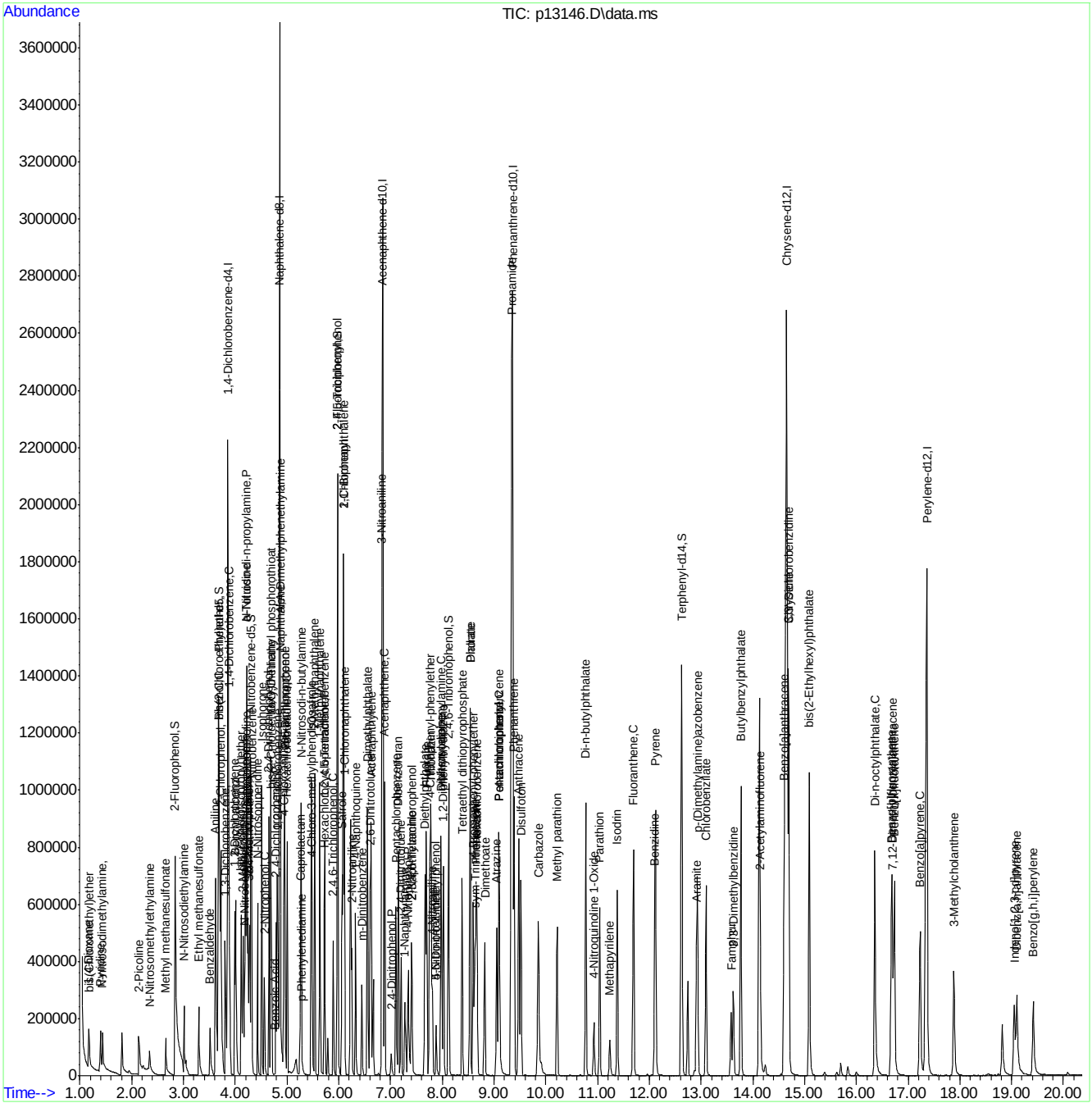
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.055	276	205950	8.30	ppm	98
143) Dibenz[a,h]anthracene	19.103	278	239985	8.72	ppm	99
144) Benzo[g,h,i]perylene	19.418	276	230801	8.35	ppm	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:35:46 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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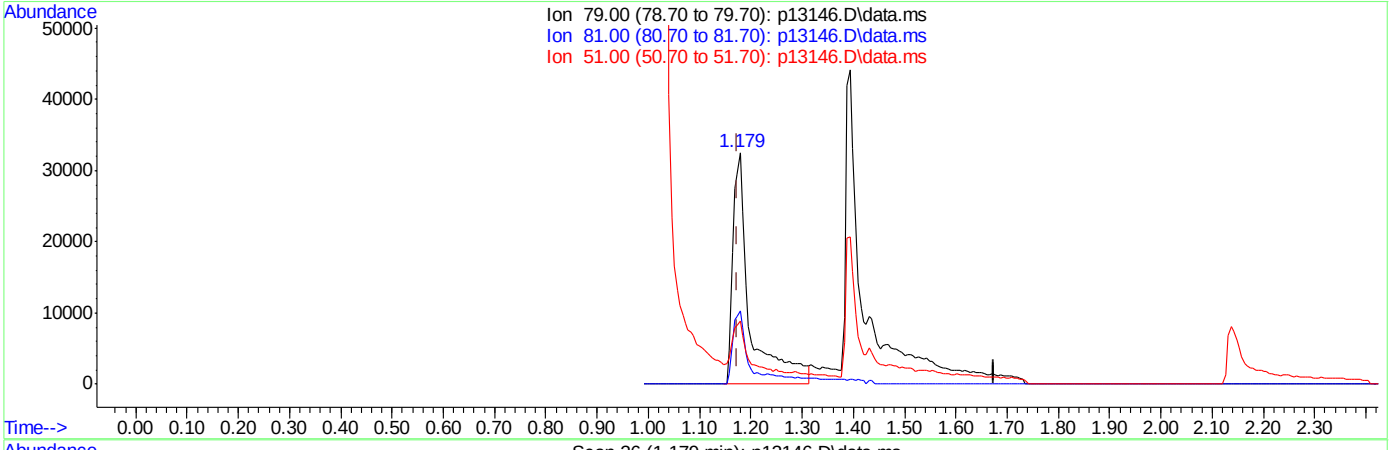

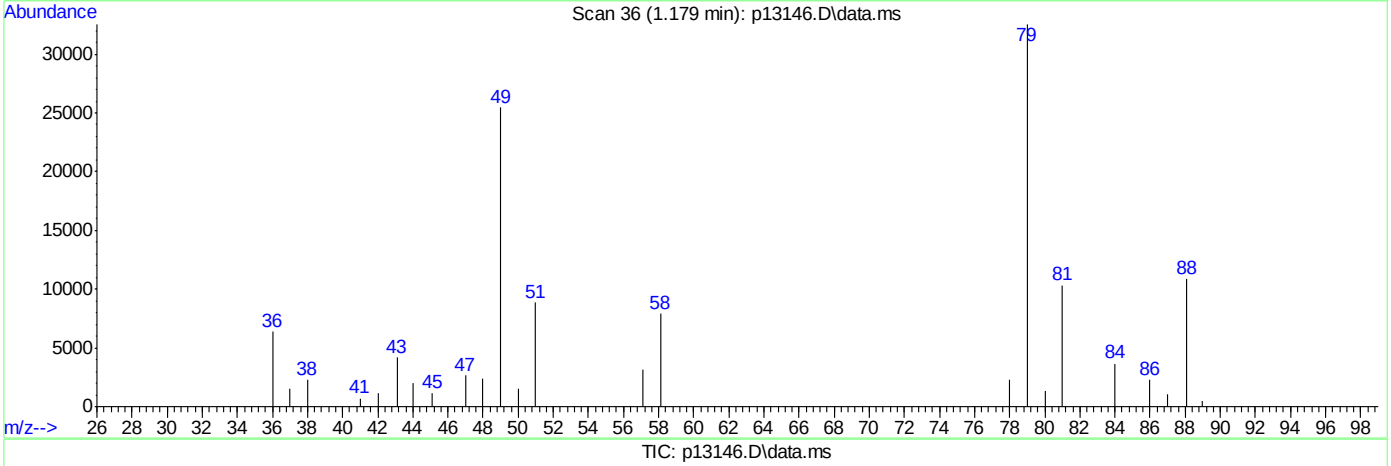

TIC: p13146.D\data.ms

(2) bis(Chloromethyl)ether

1.179min (+0.005) 8.91ppm

response 76830

Ion	Exp%	Act%
79.00	100	100
81.00	30.10	24.76
51.00	0.00	27.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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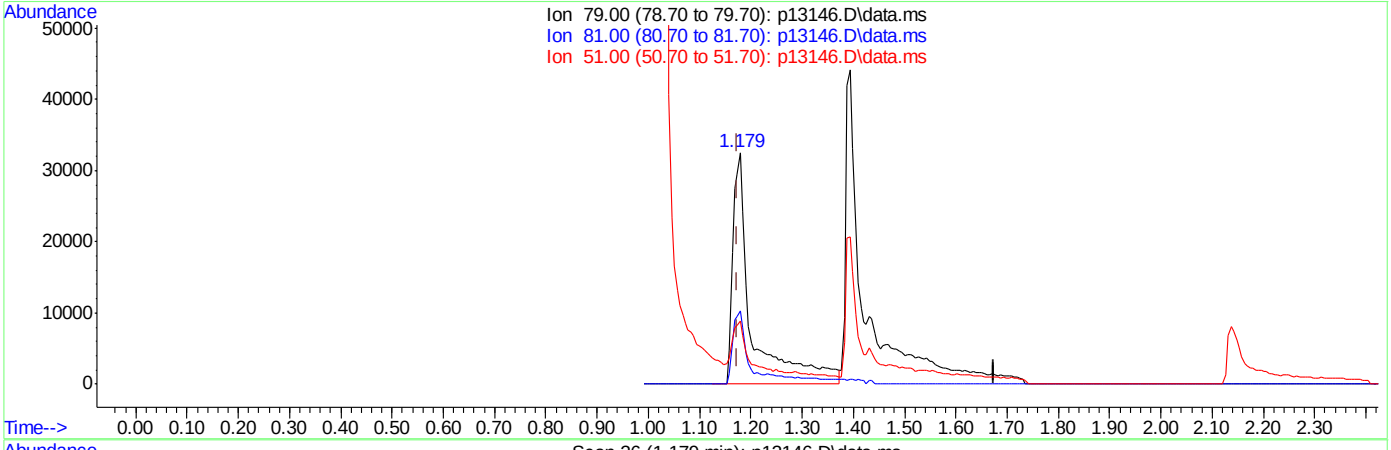

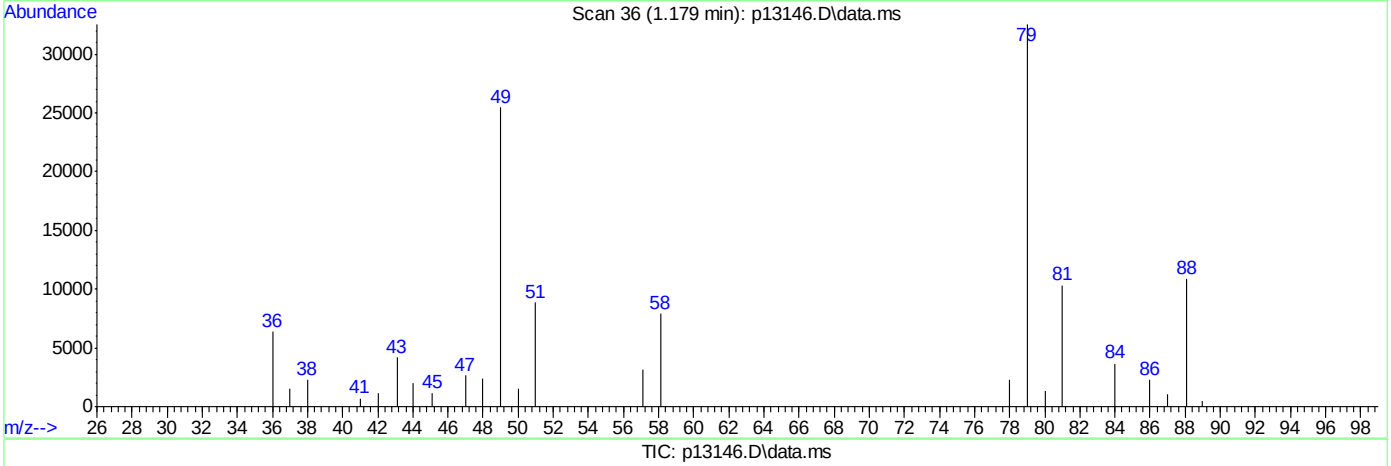

(2) bis(Chloromethyl)ether

1.179min (+0.005) 9.83ppm m

response 84821

Ion	Exp%	Act%
79.00	100	100
81.00	30.10	22.43
51.00	0.00	24.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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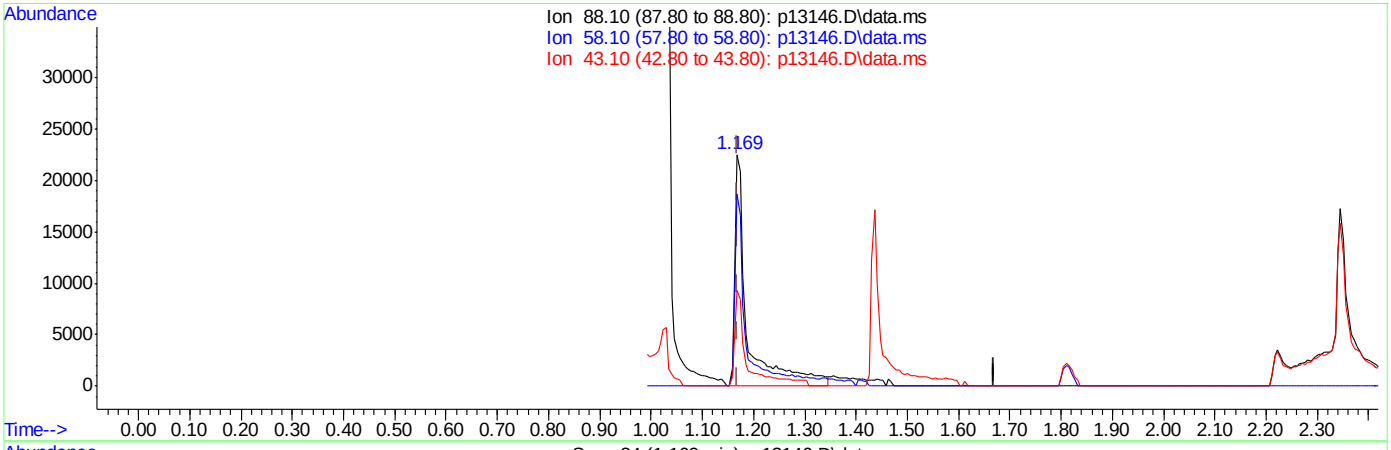

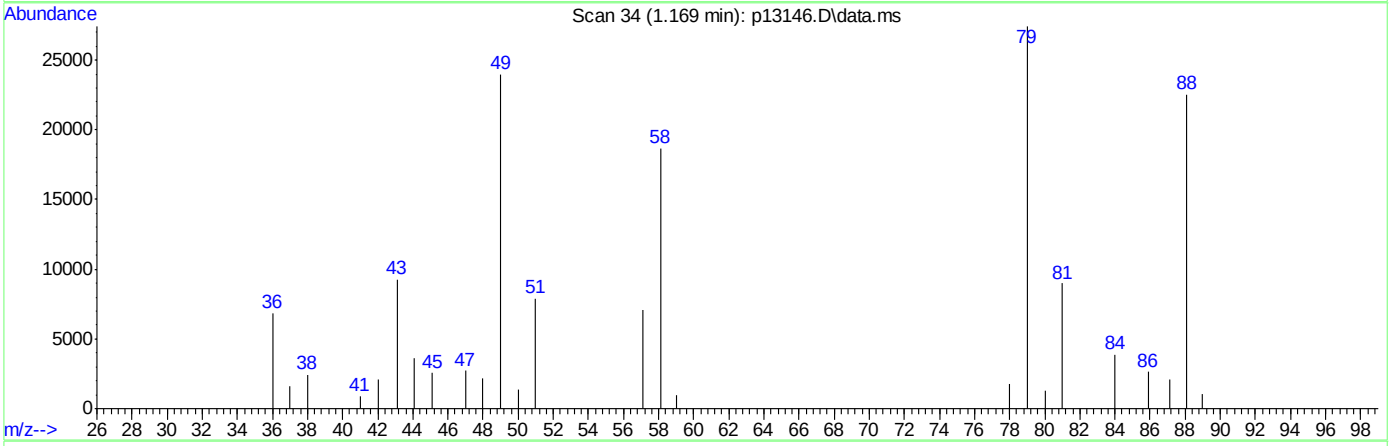

TIC: p13146.D\data.ms

(3) 1,4-Dioxane

1.169min (-0.000) 8.60ppm

response 39414

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	71.53
43.10	0.00	35.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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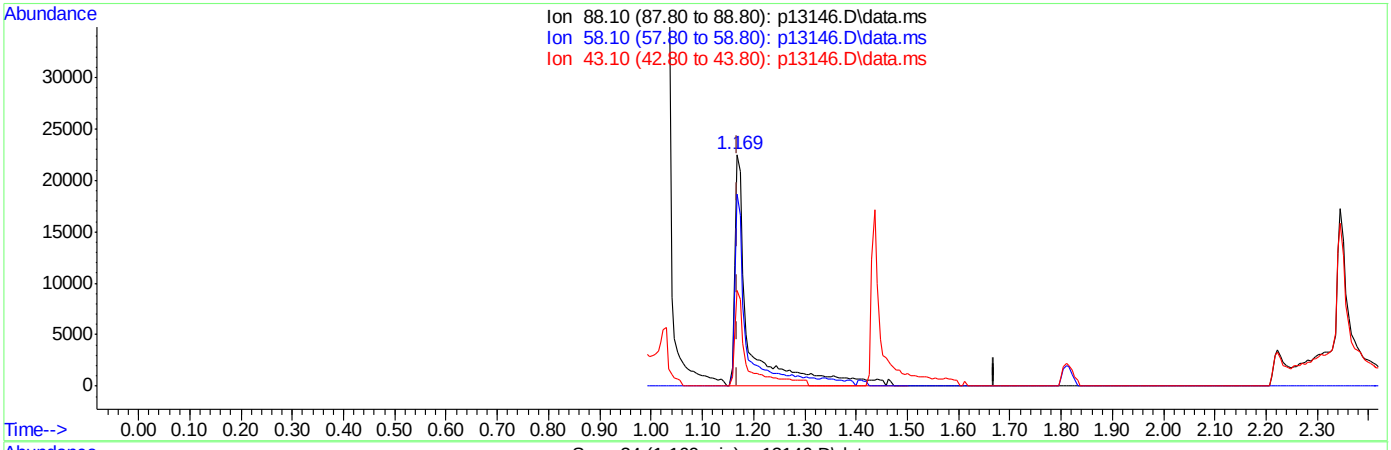

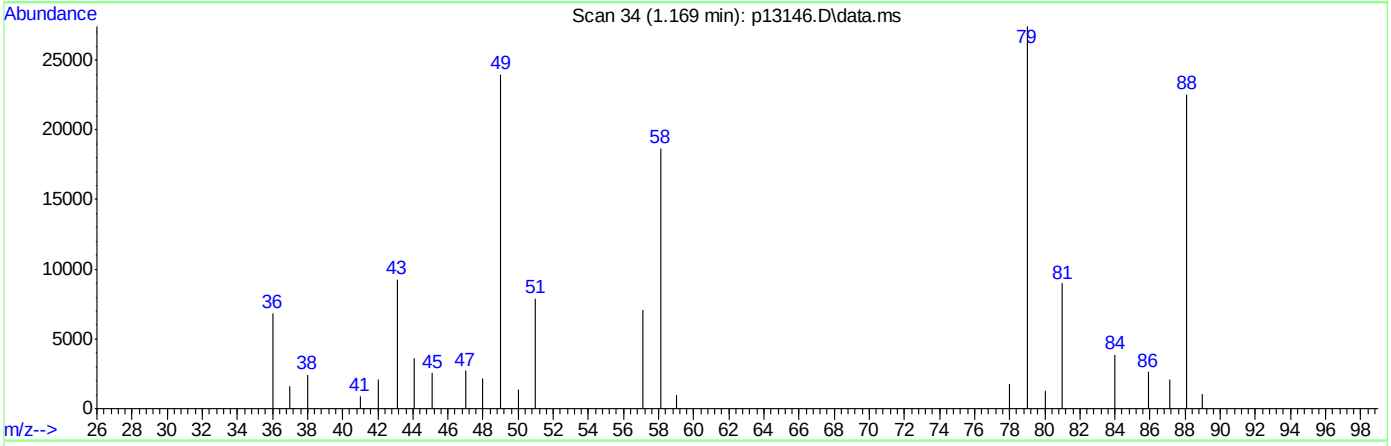

TIC: p13146.D\data.ms

(3) 1,4-Dioxane

1.169min (-0.000) 9.70ppm m

response 44449

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	63.43
43.10	0.00	31.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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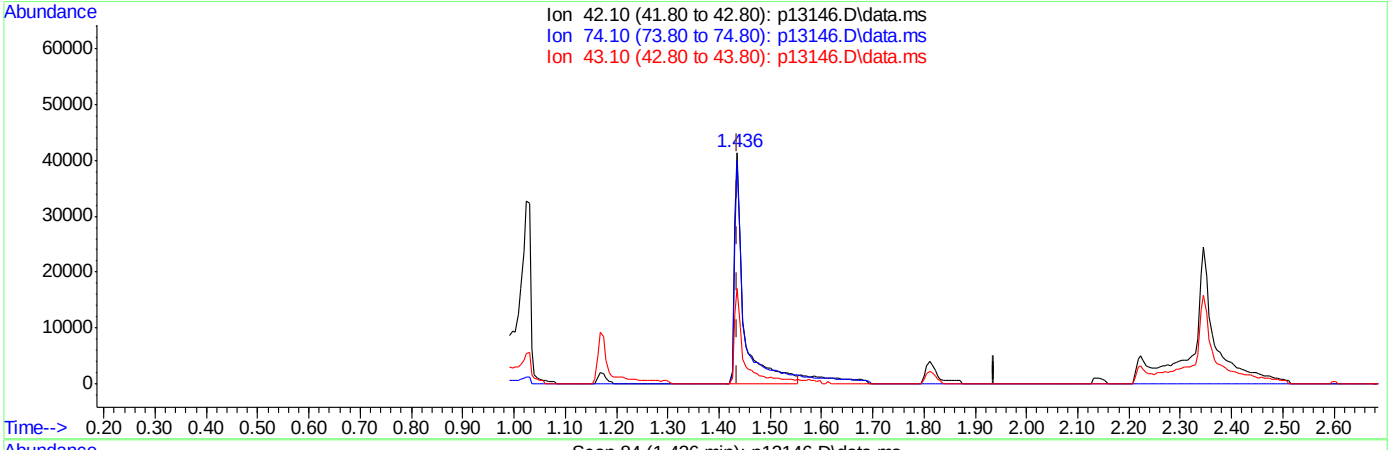

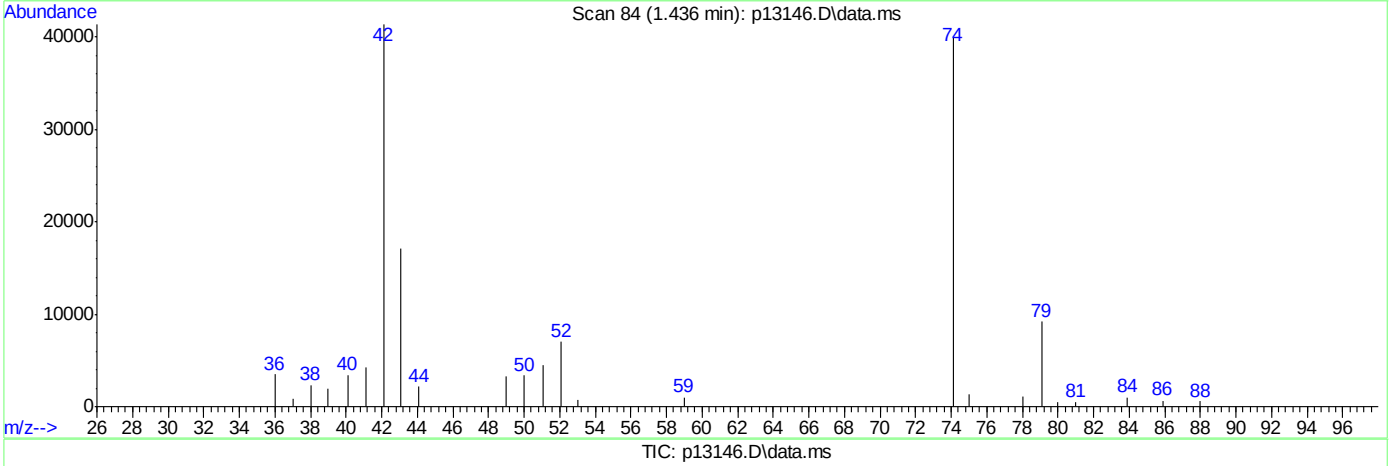

TIC: p13146.D\data.ms

(4) N-nitrosodimethylamine ( )

1.436min (-0.000) 8.37ppm

response 54251

Ion	Exp%	Act%
42.10	100	100
74.10	97.60	101.19
43.10	31.90	40.76
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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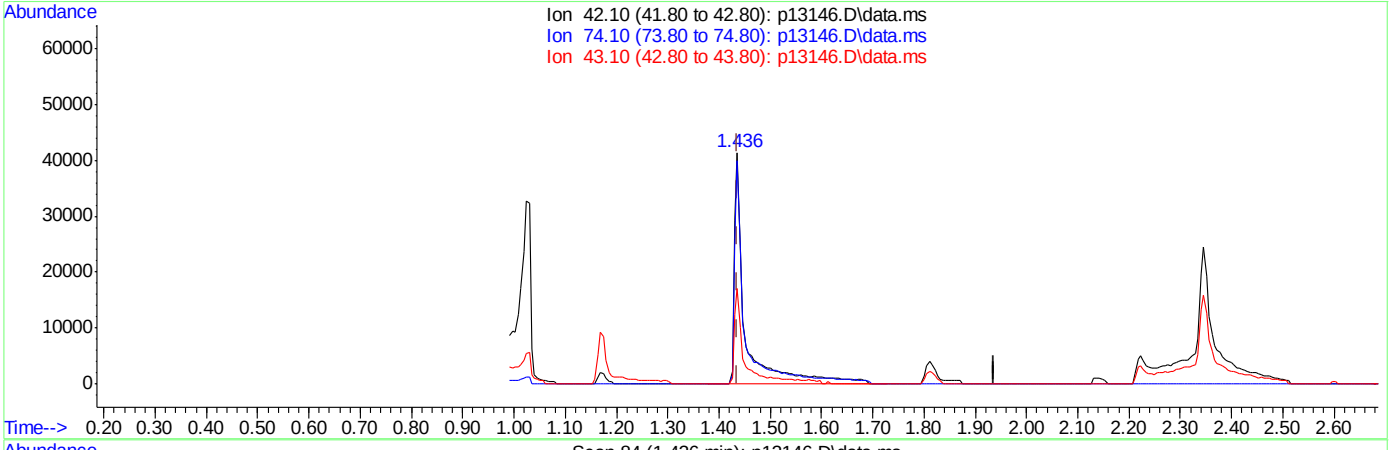
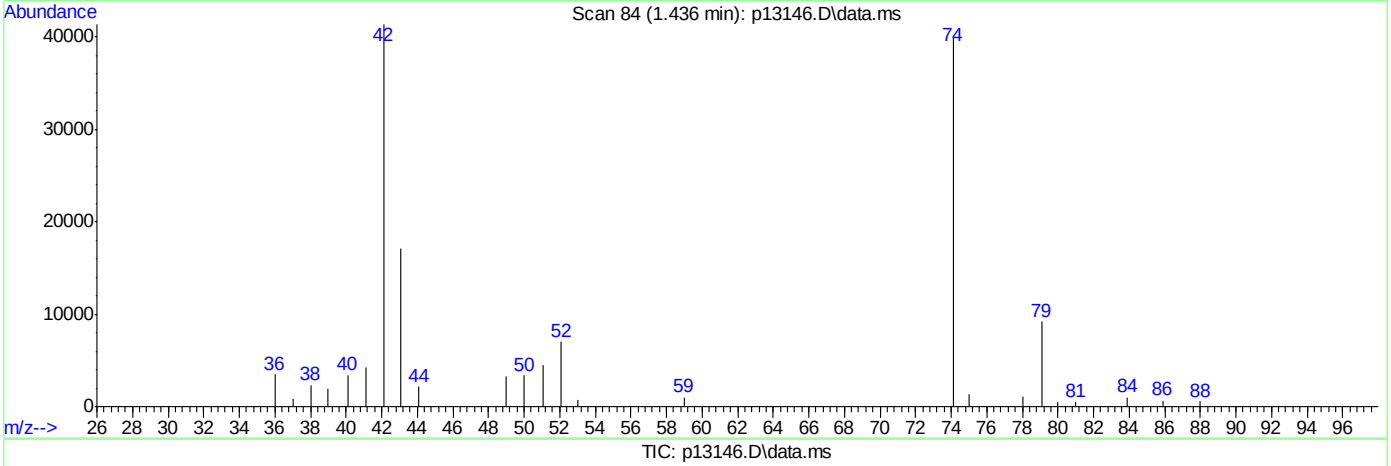




TIC: p13146.D\data.ms

(4) N-nitrosodimethylamine ( )

1.436min (-0.000) 9.70ppm m

response 62853

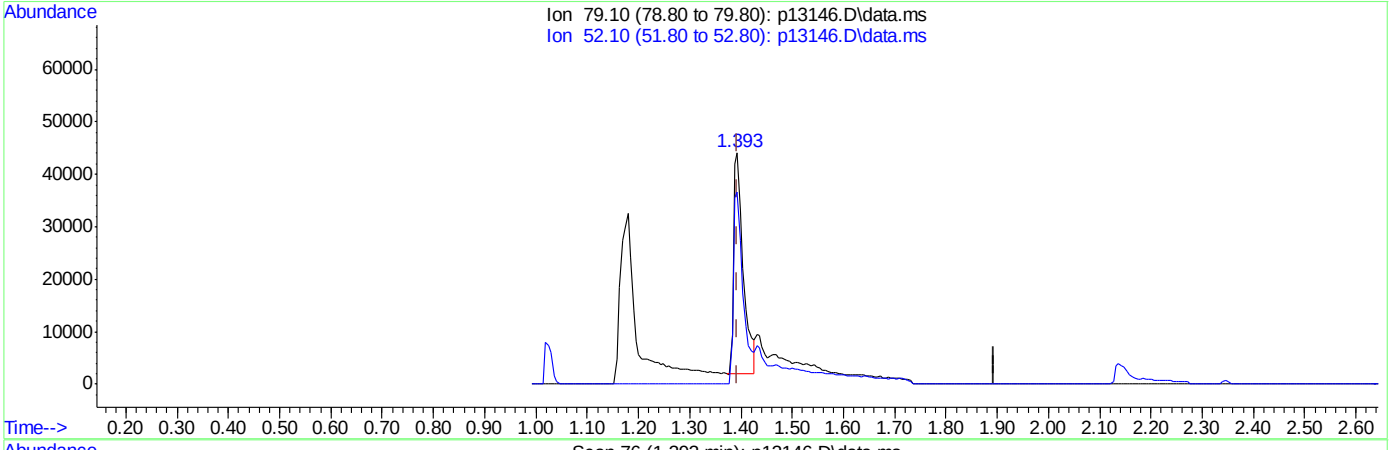
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	87.34
43.10	31.90	35.18
0.00	0.00	0.00

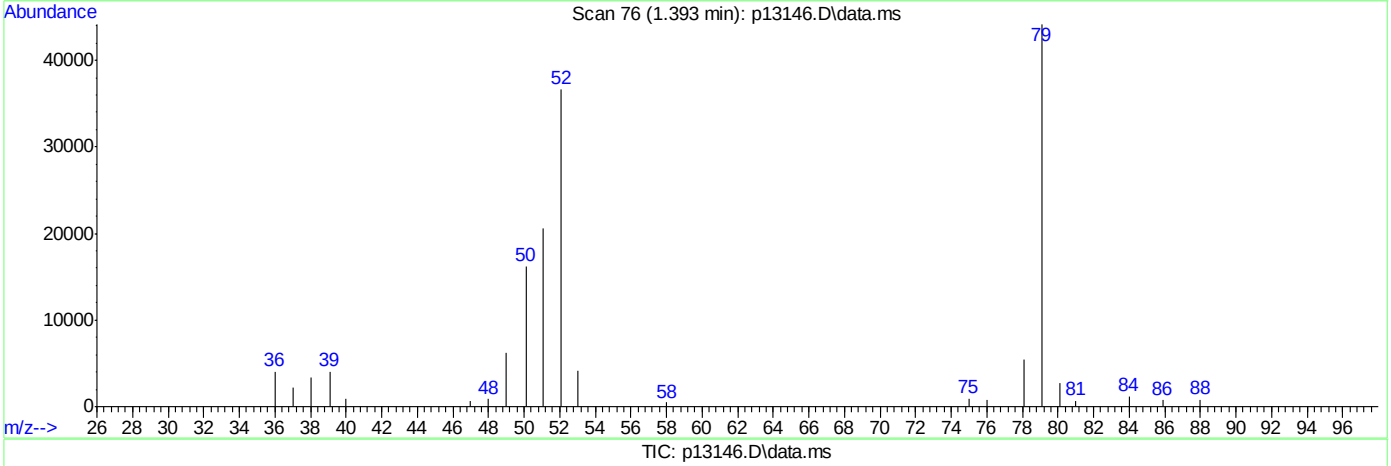
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(5) Pyridine ( )

1.393min (-0.000) 4.43ppm

response 55994

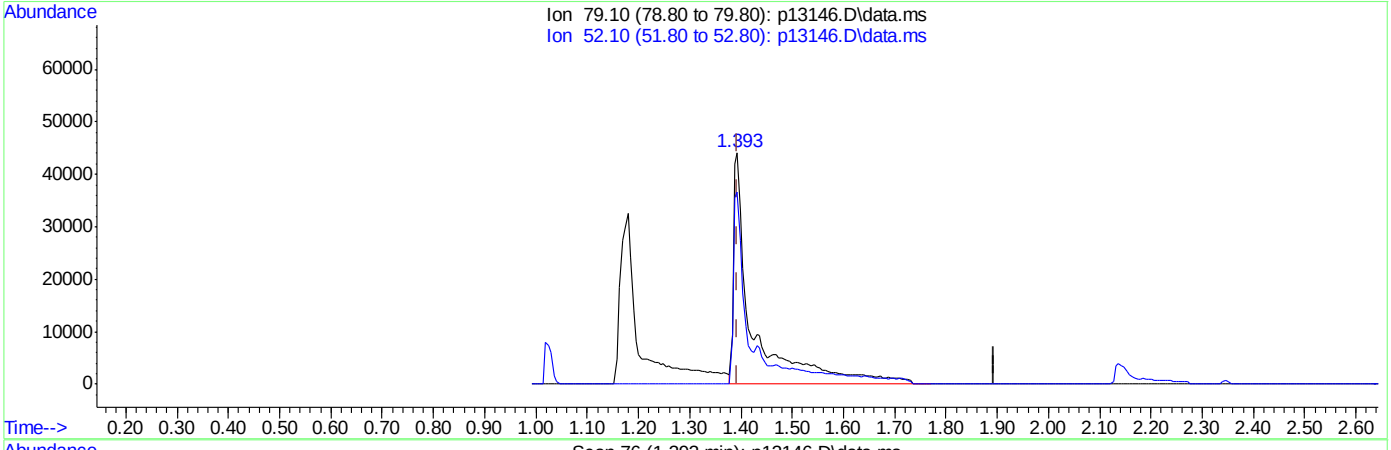
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	89.94
0.00	0.00	0.00
0.00	0.00	0.00

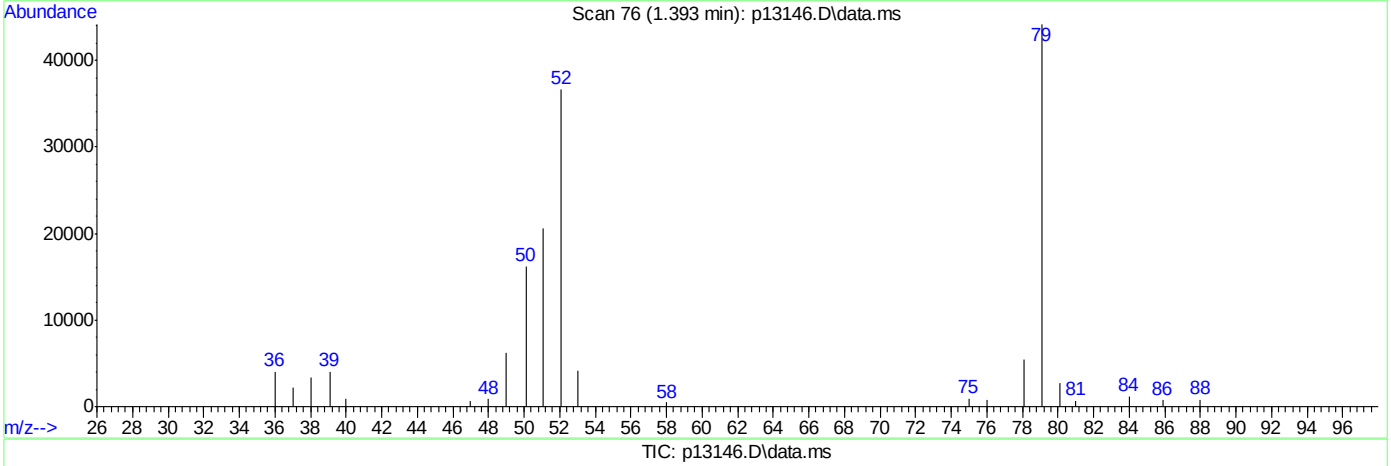
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(5) Pyridine ( )

1.393min (-0.000) 9.25ppm m

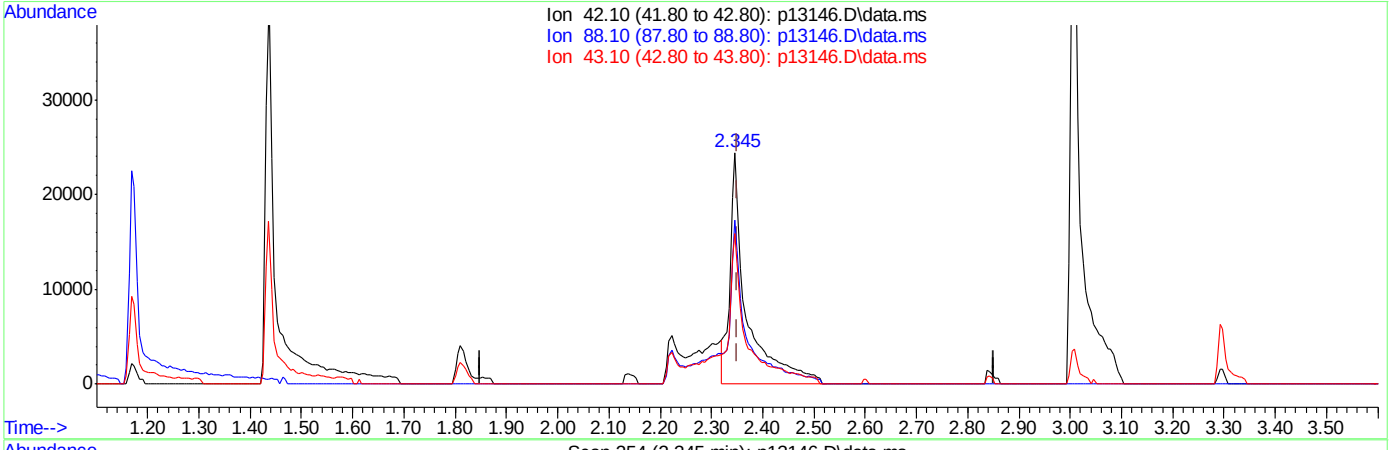
response 116815

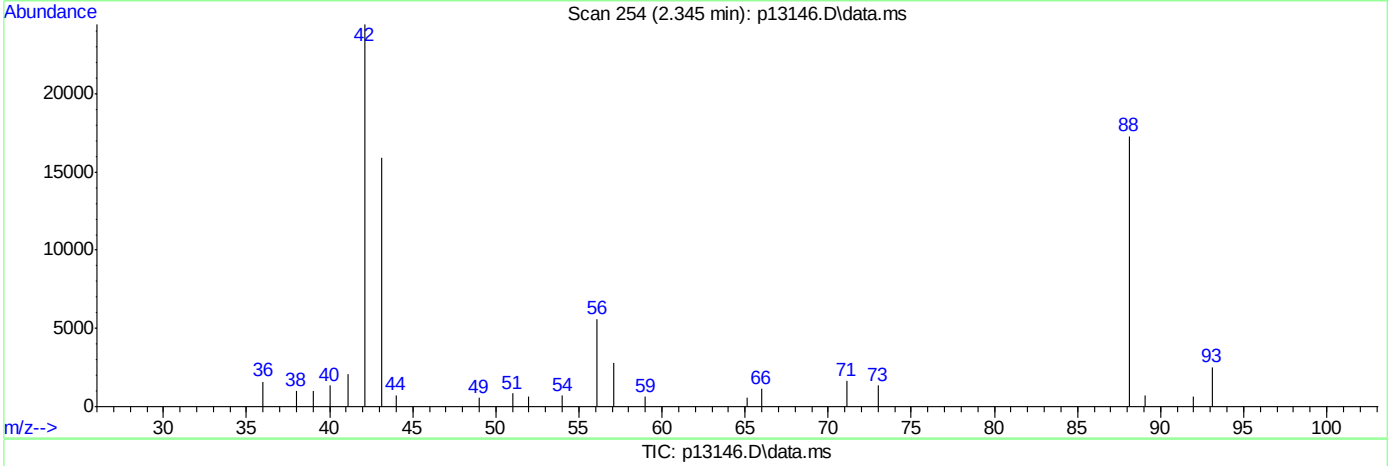
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	43.11
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(7) N-Nitrosomethylethylamine

2.345min (-0.005) 6.61ppm

response 56589

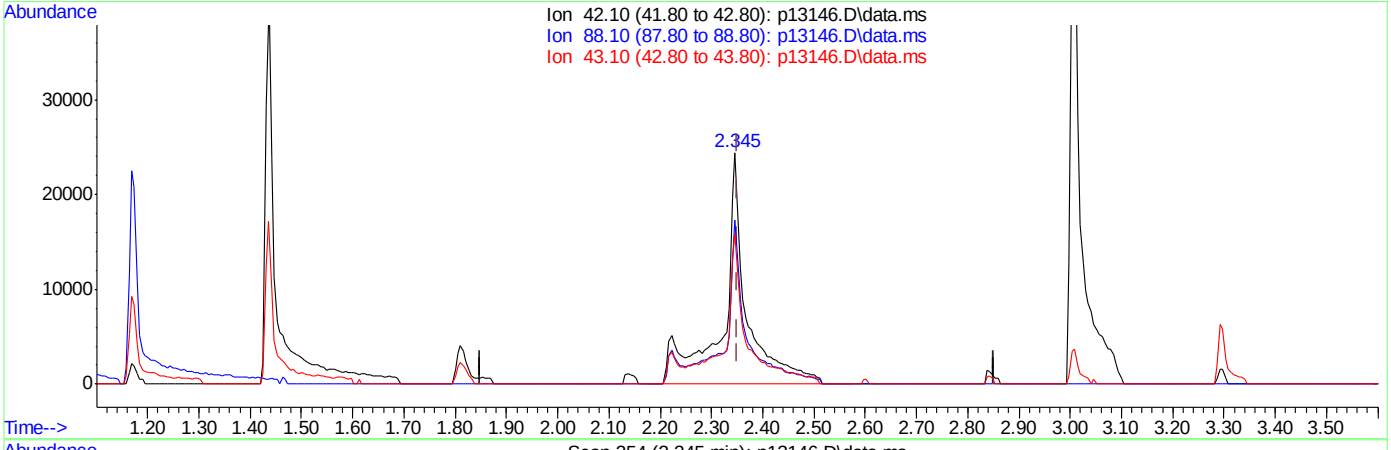
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	68.09#
43.10	46.60	65.72#
0.00	0.00	0.00

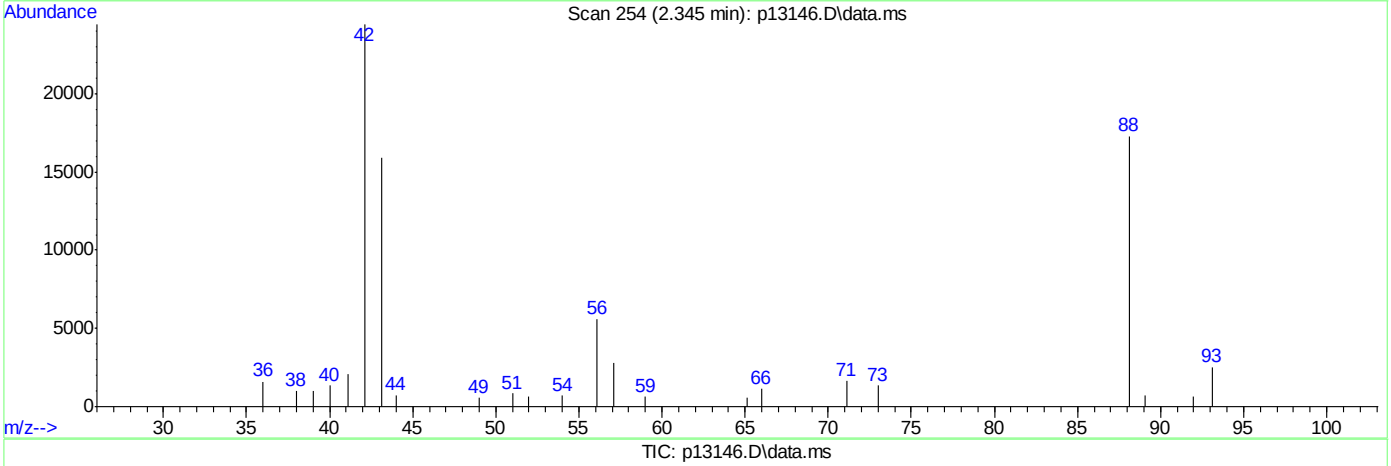
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(7) N-Nitrosomethylethylamine

2.345min (-0.005) 9.46ppm m

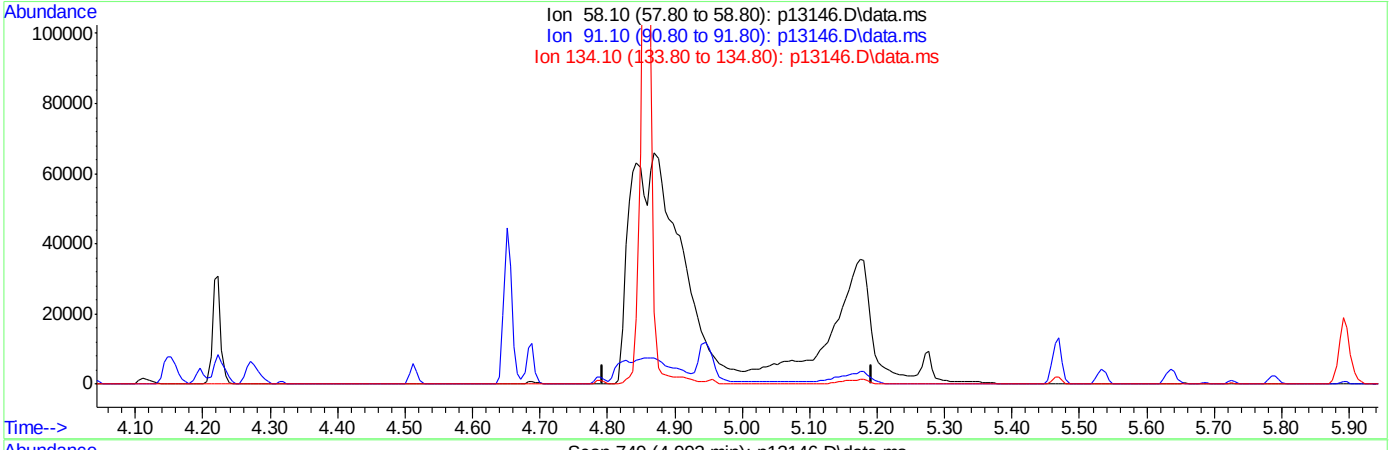
response 80970

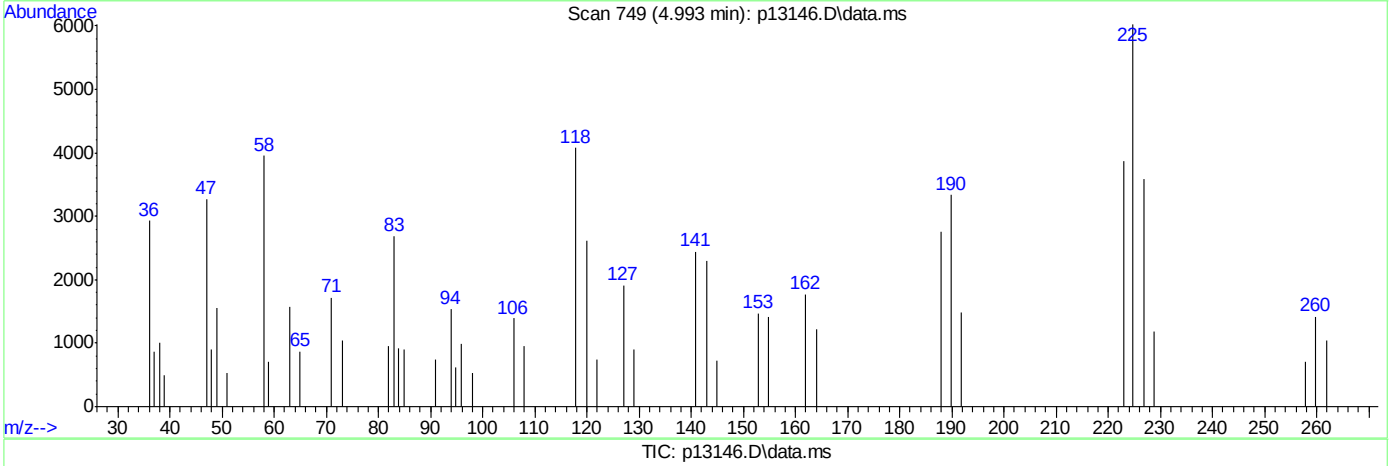
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	47.59
43.10	46.60	45.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration





TIC: p13146.D\data.ms

(35) A,A-Dimethylphenethylamine

4.993min (-4.993) 0.00ppm

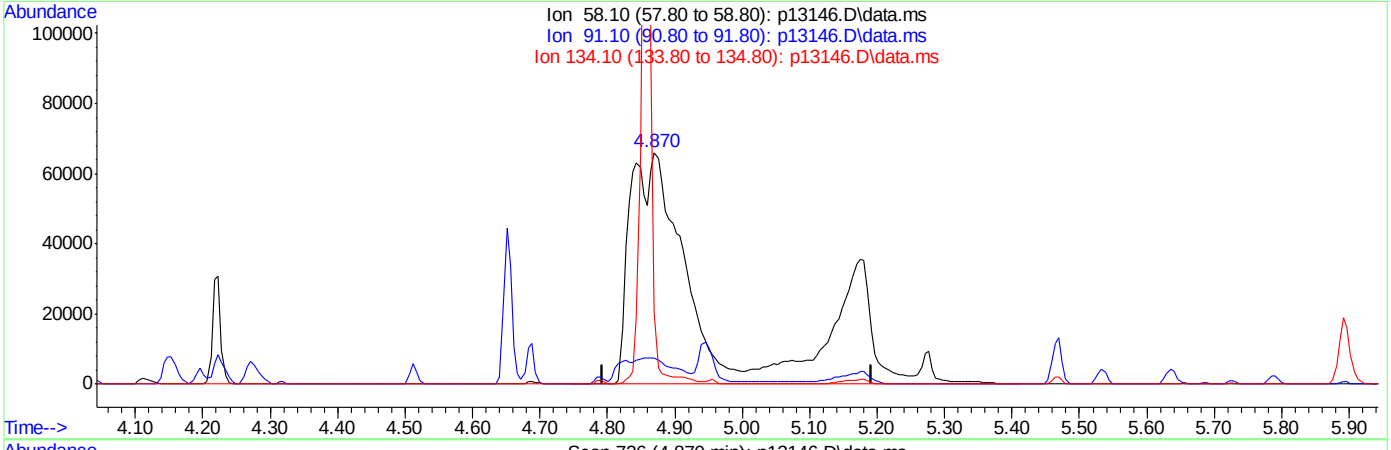
response 0

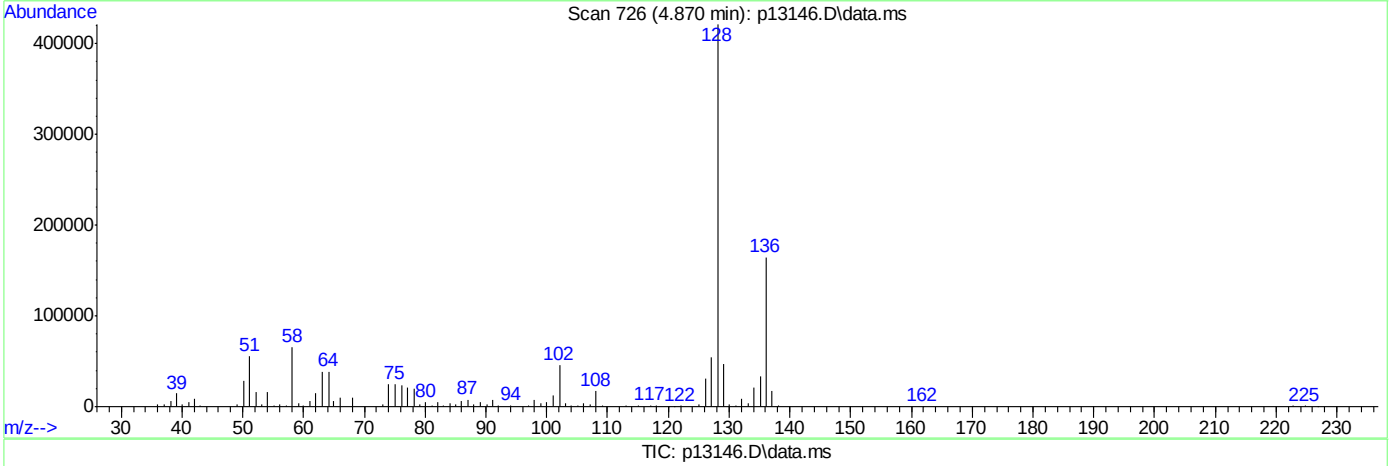
Ion	Exp%	Act%
58.10	100	0.00
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration





TIC: p13146.D\data.ms

(35) A,A-Dimethylphenethylamine

4.870min (-0.123) 9.61ppm m

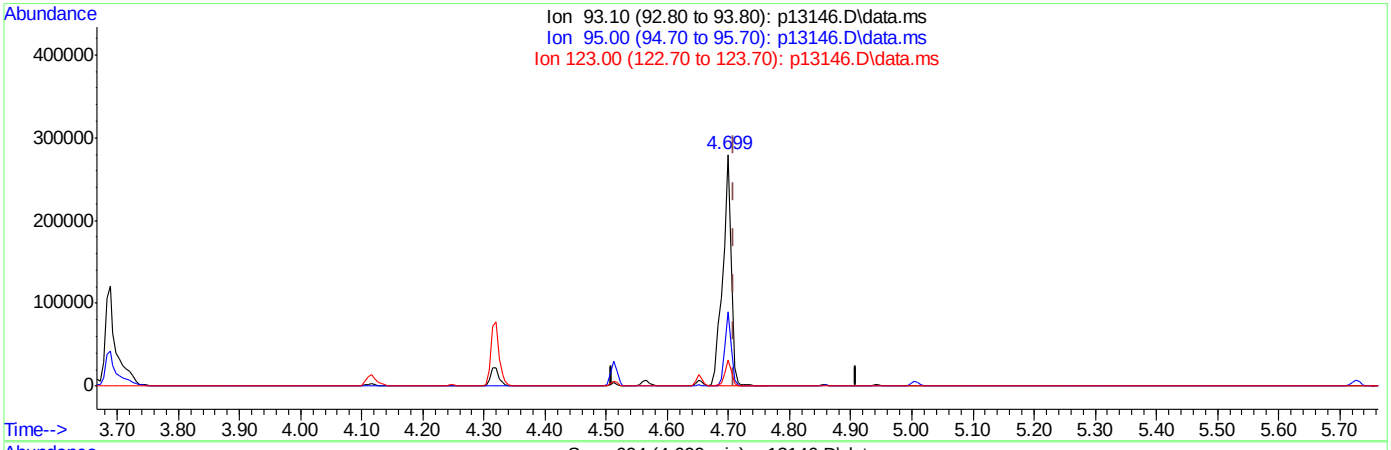
response 528015

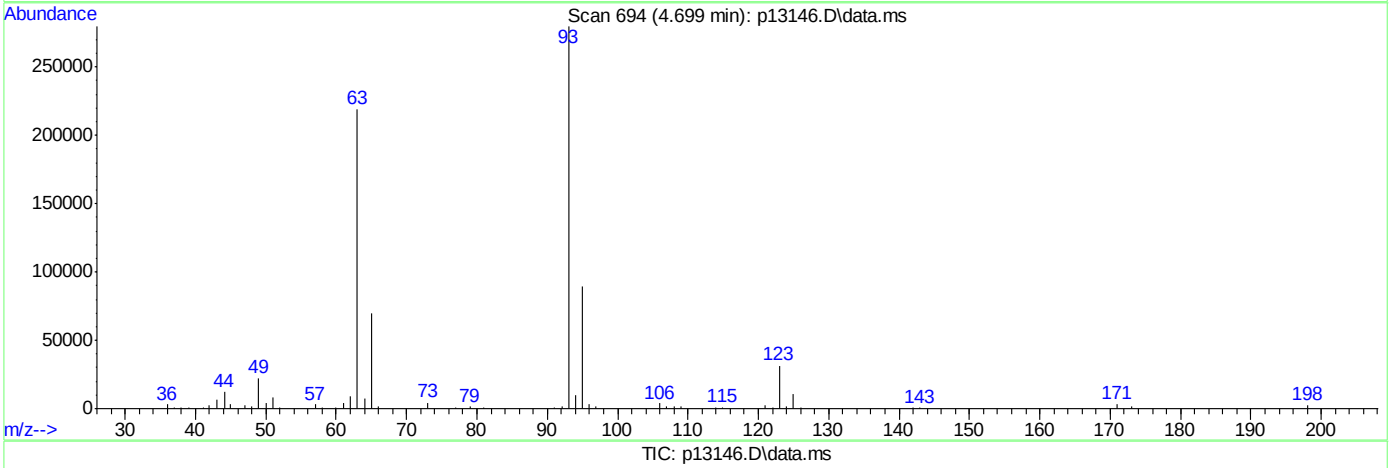
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.699min (-0.011) 13.23ppm

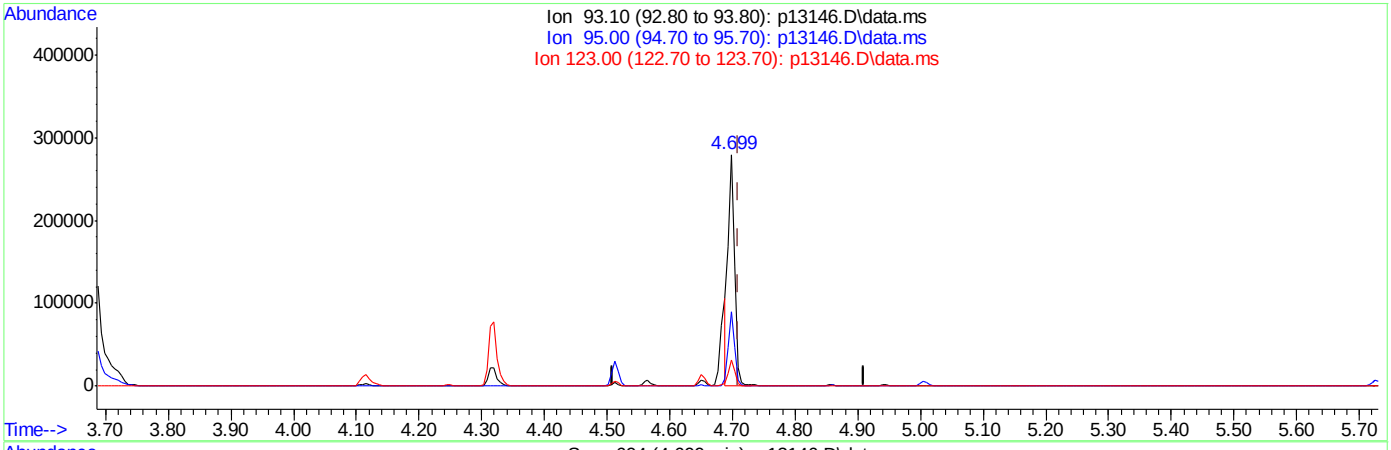
response 265229

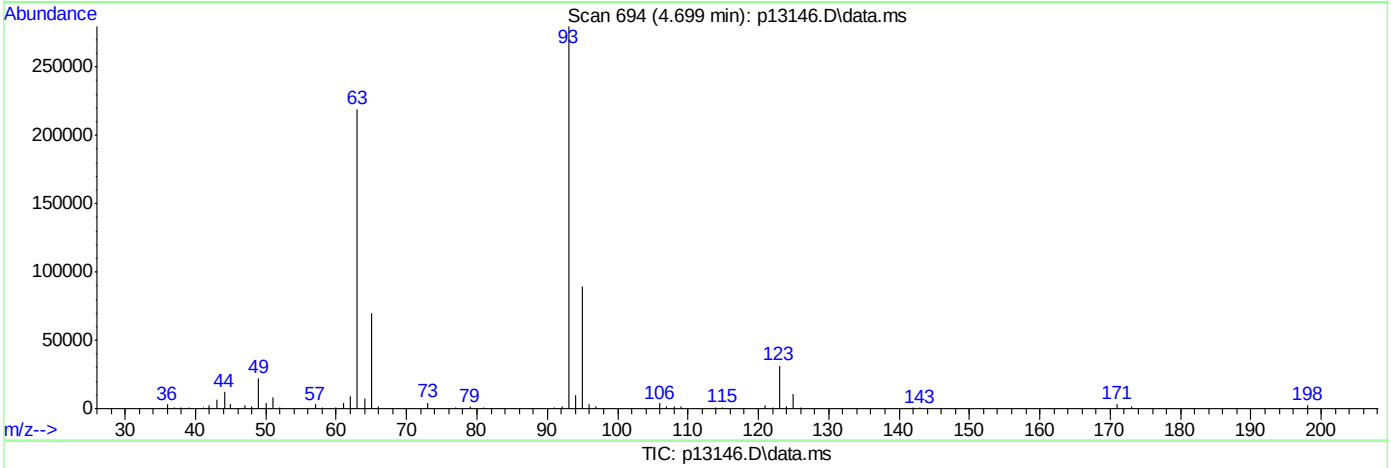
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.59
123.00	10.10	8.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration





TIC: p13146.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.699min (-0.011) 10.00ppm m

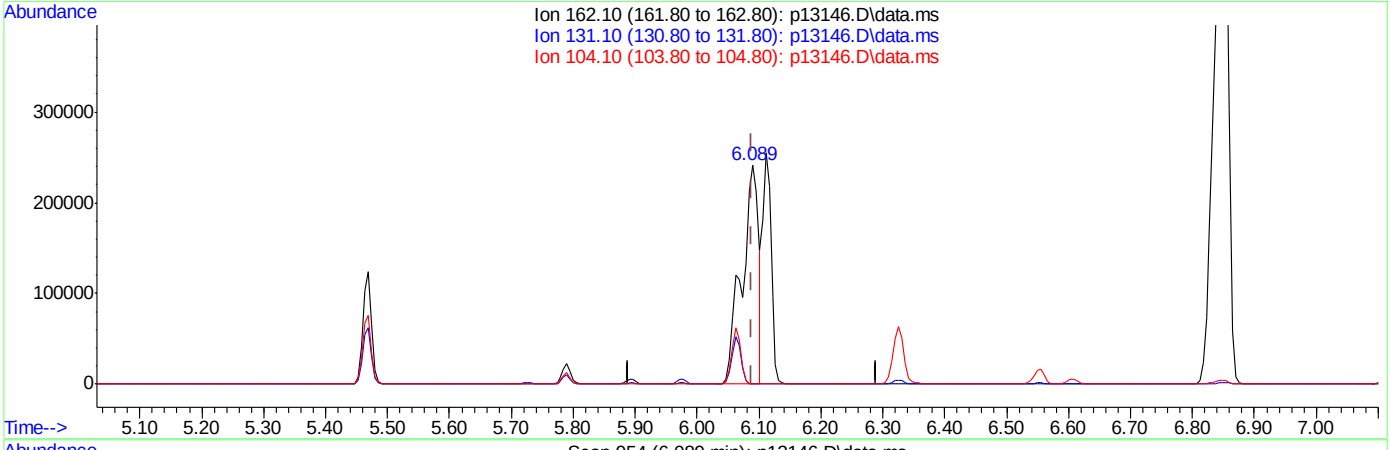
response 200403

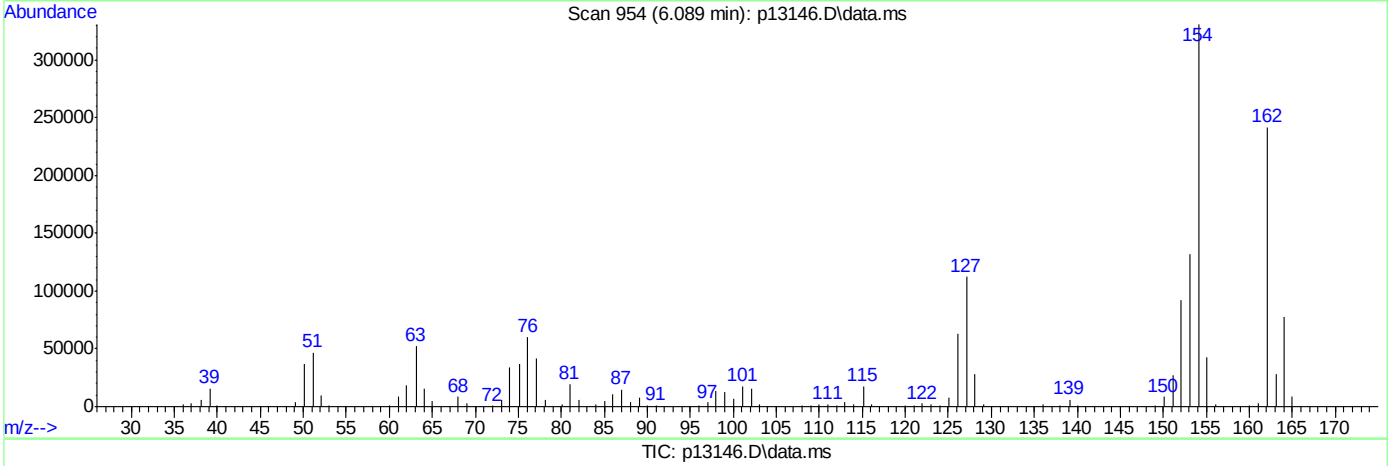
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	32.55
123.00	10.10	11.81
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





(62) Safrole

6.089min (-0.000) 28.33ppm

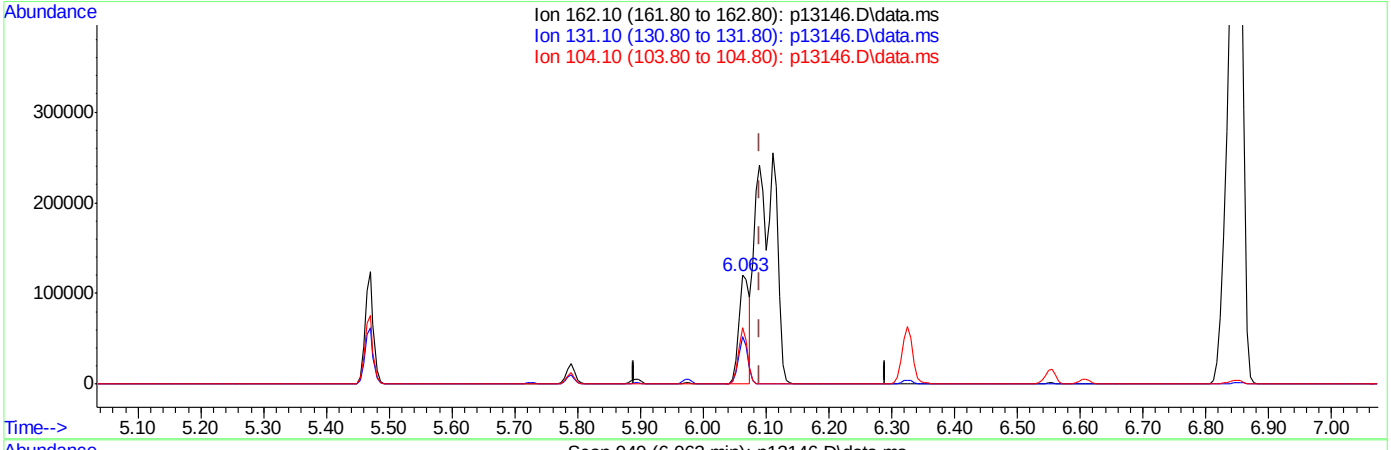
response 444687

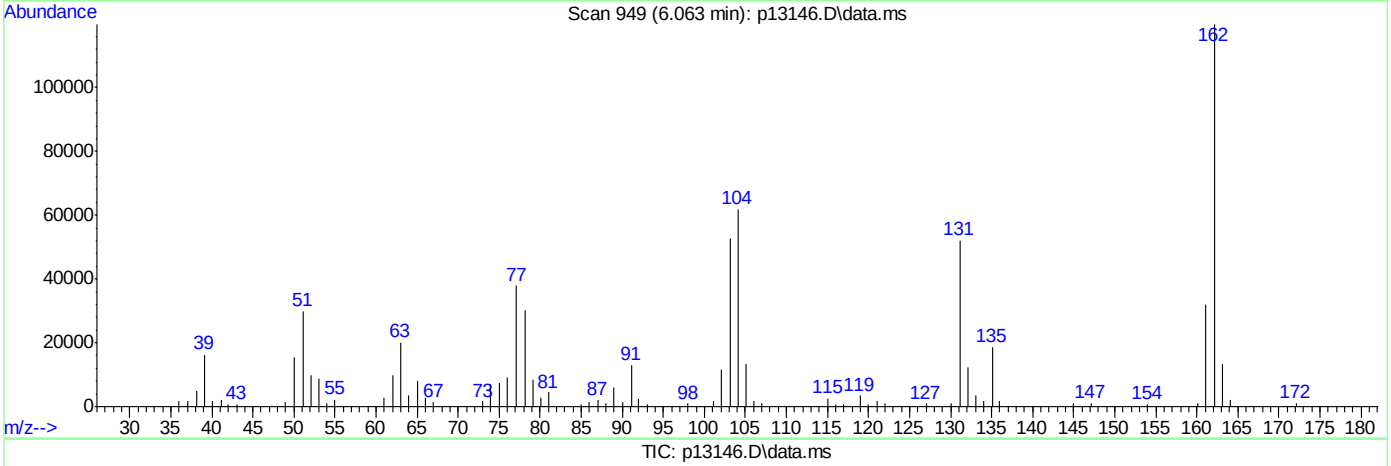
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	0.00#
104.10	31.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





(62) Safrole

6.063min (-0.027) 8.91ppm m

response 139920

Ion	Exp%	Act%
162.10	100	100
131.10	26.30	0.00#
104.10	31.70	0.00#
0.00	0.00	0.00

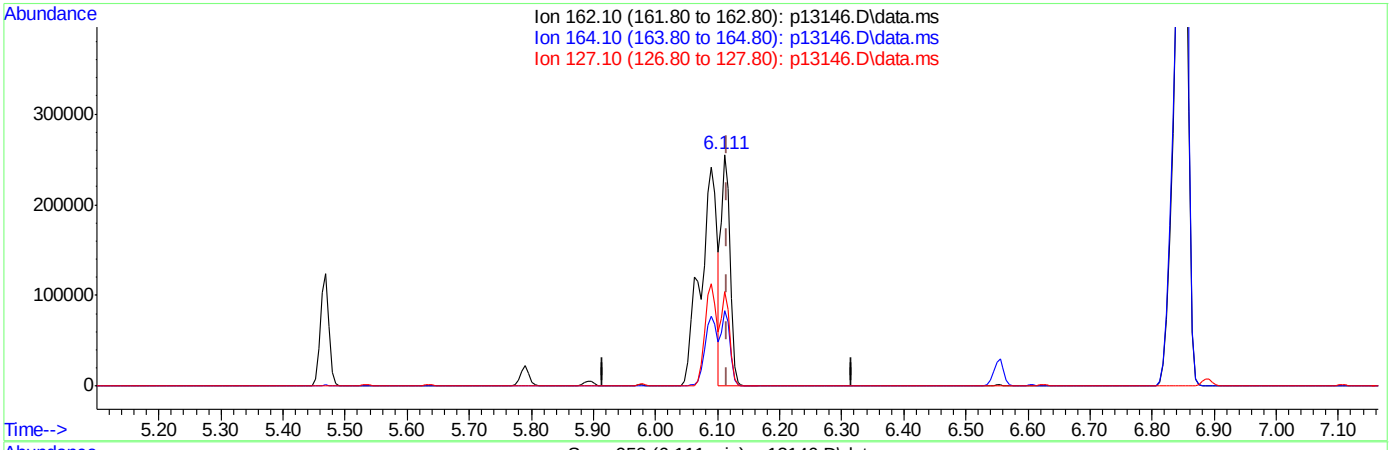
8.6.12.16

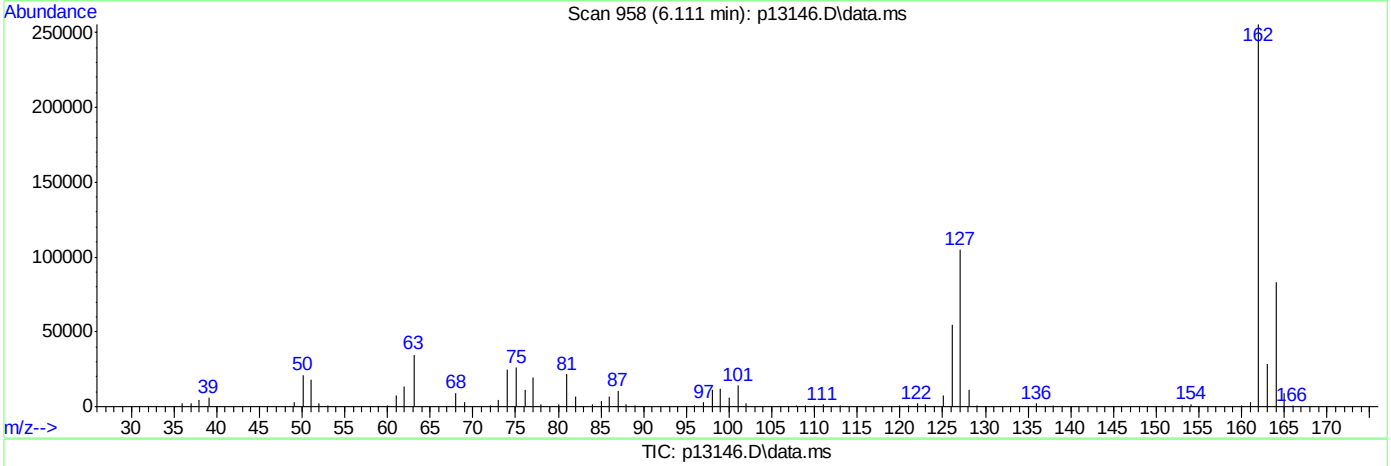
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





(64) 2-Chloronaphthalene

6.111min (-0.005) 9.04ppm

response 250619

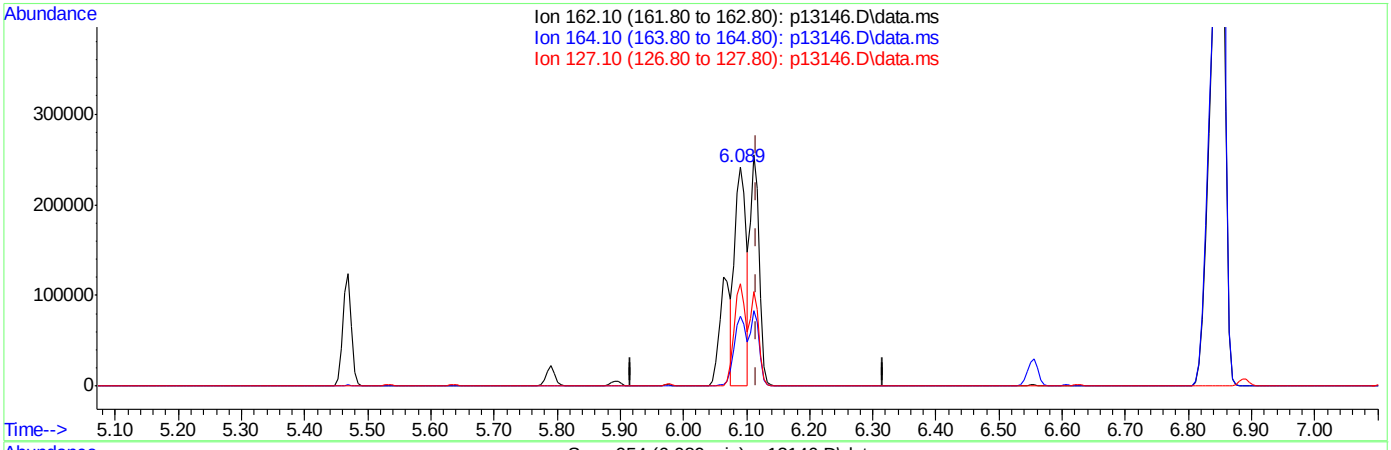
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	32.35#
127.10	0.00	39.28#
0.00	0.00	0.00

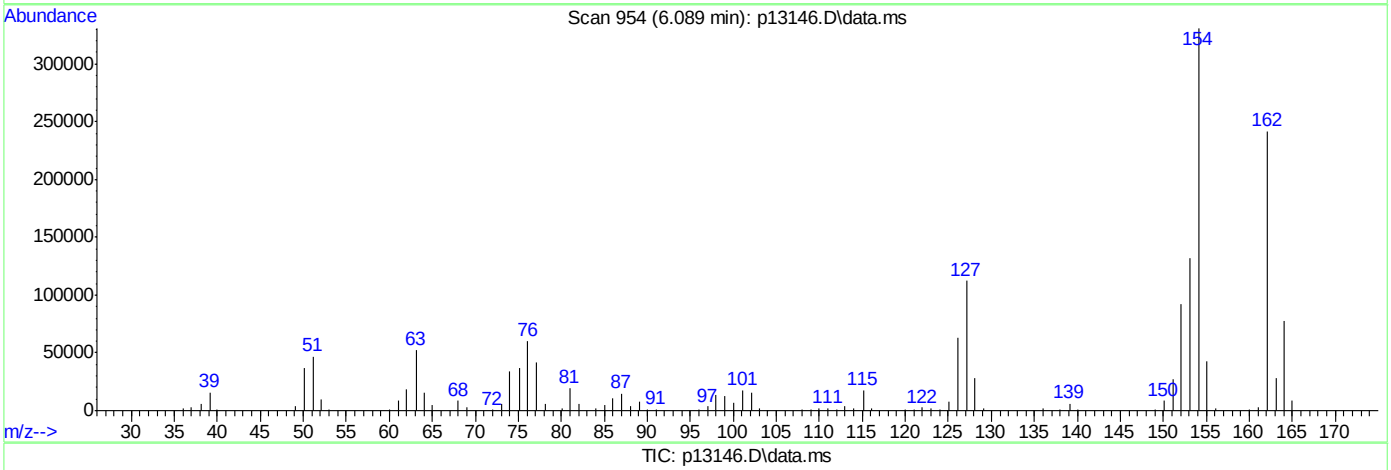
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(64) 2-Chloronaphthalene

6.089min (-0.027) 11.00ppm m

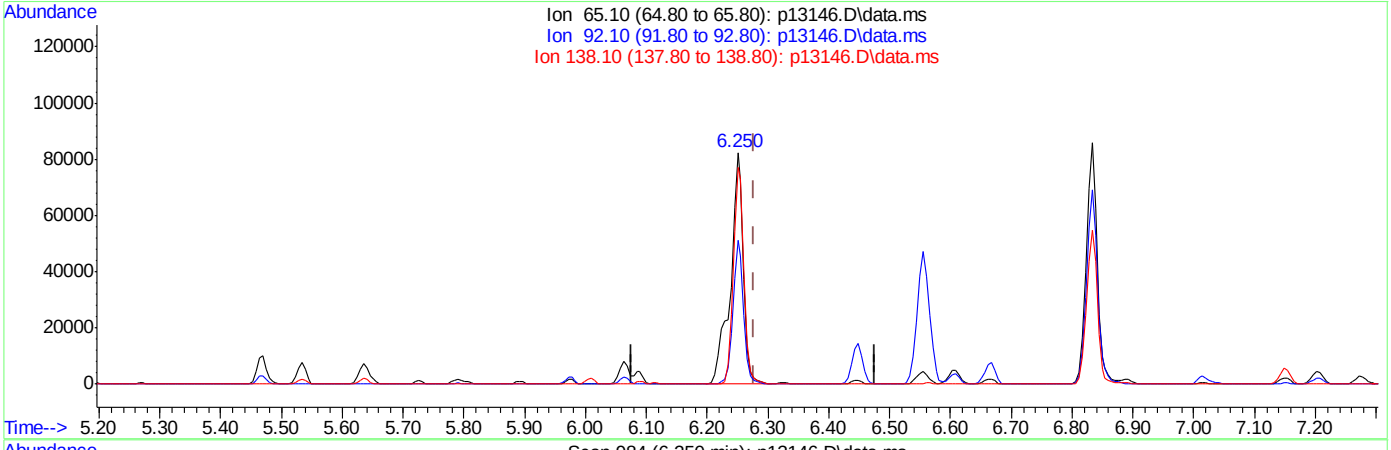
response 304811

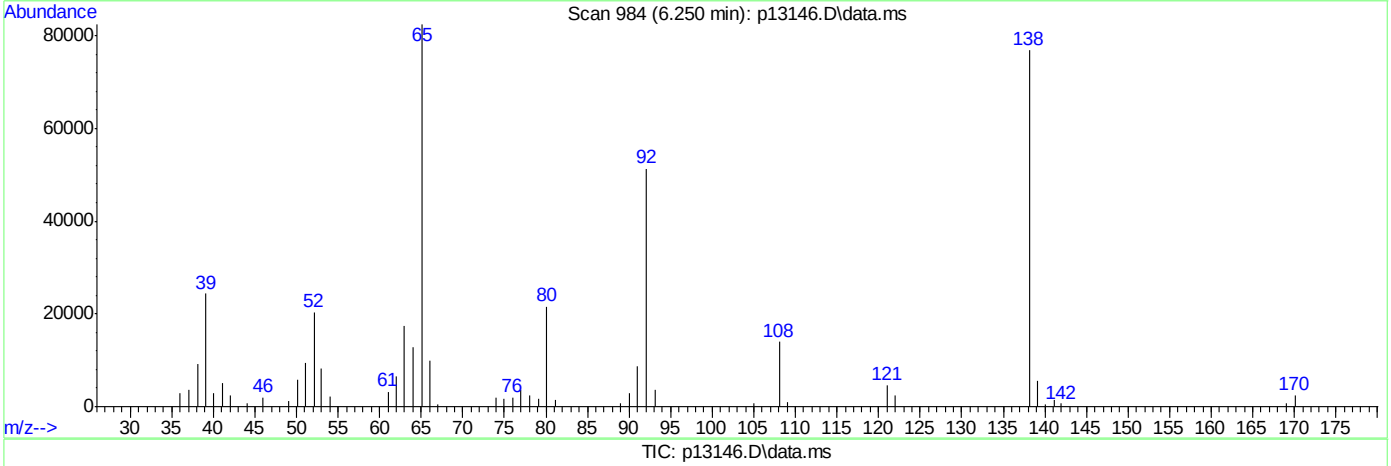
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	26.60
127.10	0.00	32.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
```





TIC: p13146.D\data.ms

(66) 2-Nitroaniline

6.250min (-0.027) 11.82ppm

response 125066

Ion	Exp%	Act%
65.10	100	100
92.10	63.50	51.28
138.10	93.80	77.32
0.00	0.00	0.00

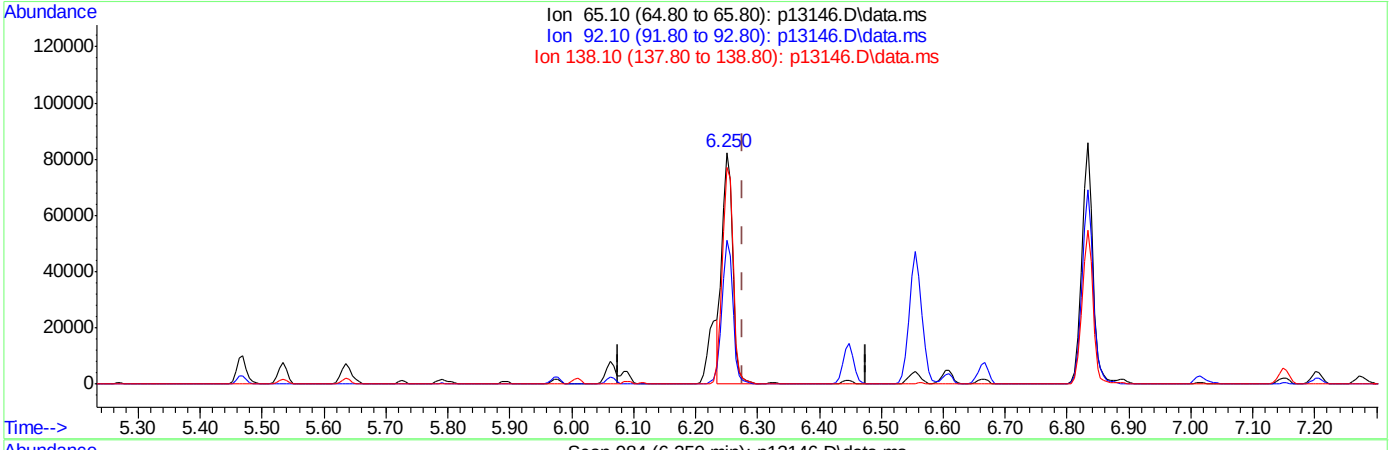
8.6.12.19

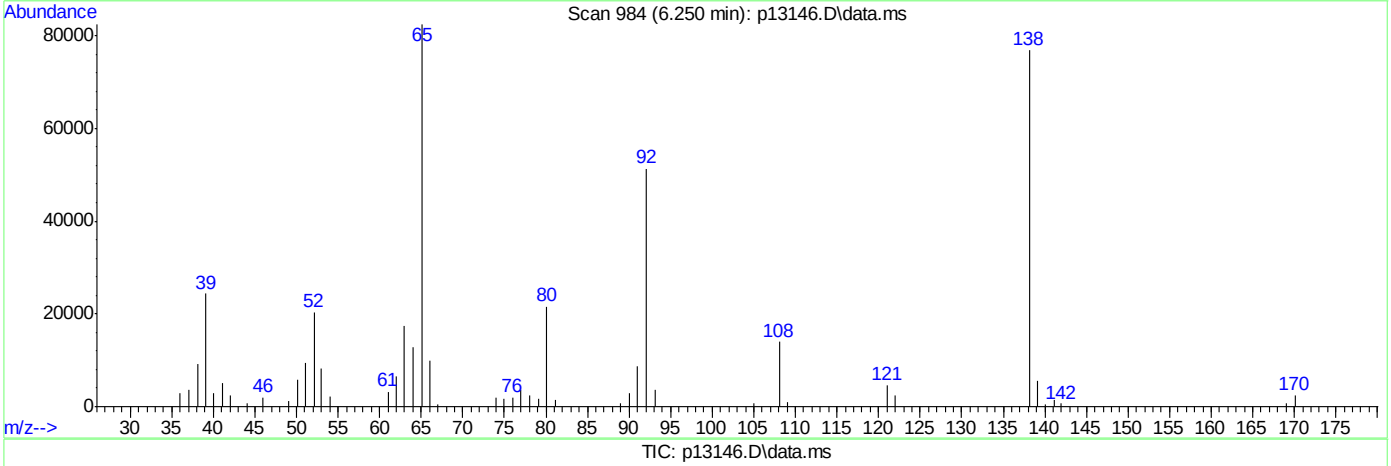
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration





TIC: p13146.D\data.ms

(66) 2-Nitroaniline

6.250min (-0.027) 9.42ppm m

response 99669

Ion	Exp%	Act%
65.10	100	100
92.10	63.50	64.34
138.10	93.80	97.02
0.00	0.00	0.00

8.6.12.20

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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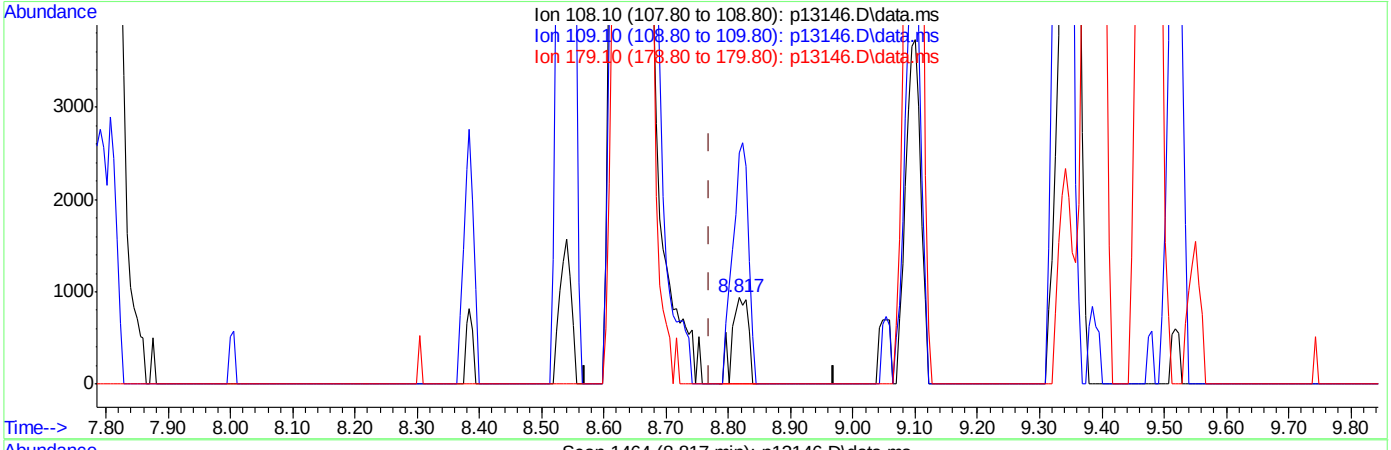

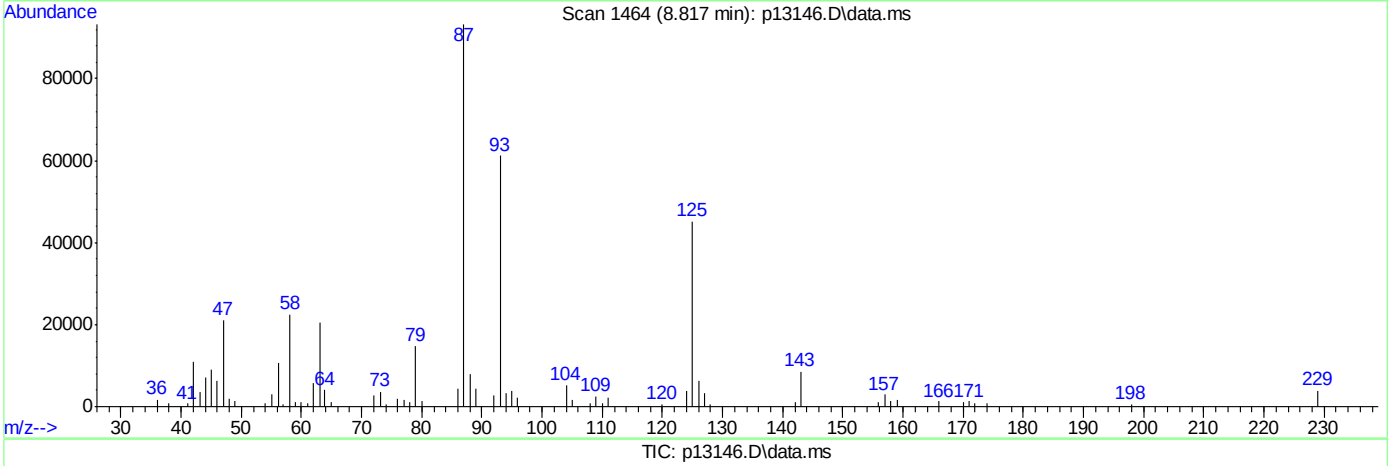

TIC: p13146.D\data.ms

(99) Phenacetin

8.817min (+0.048) 0.09ppm

response 1684

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	273.63#
179.10	33.00	0.00#
0.00	0.00	0.00

8.6.12.21

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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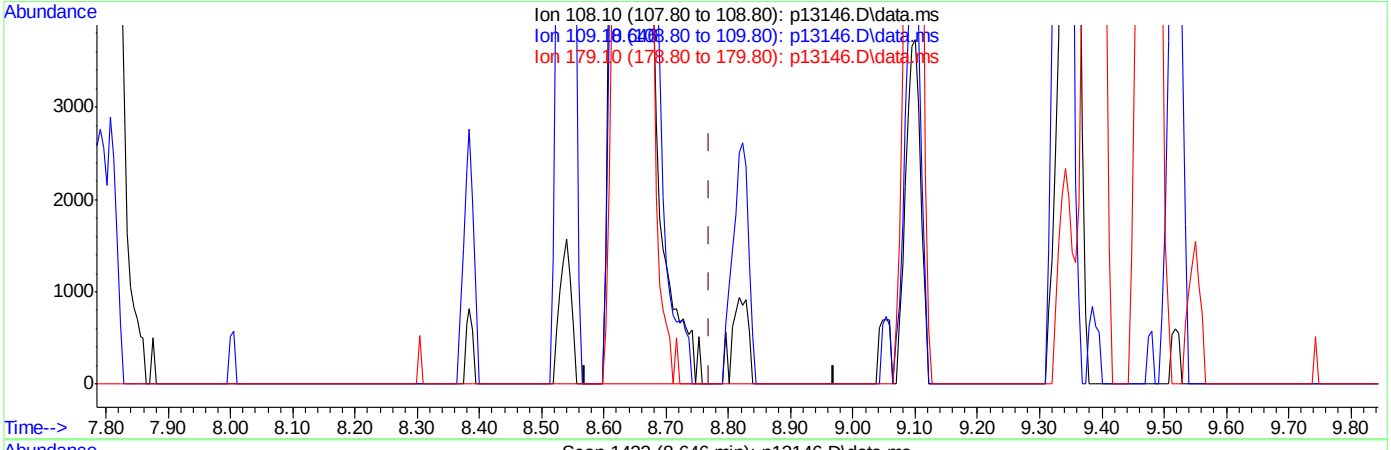

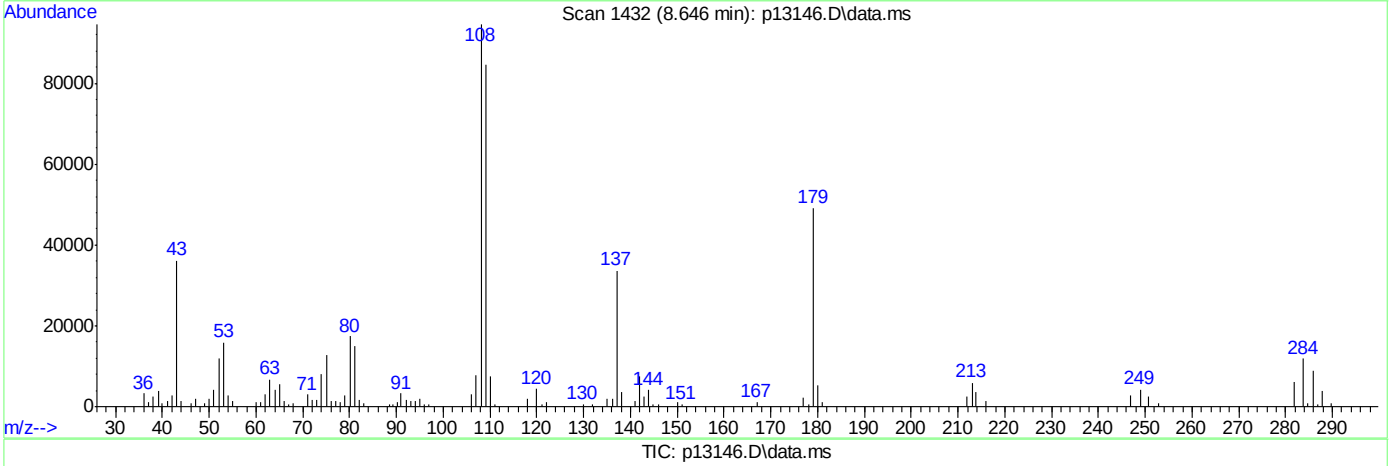

TIC: p13146.D\data.ms

(99) Phenacetin

8.646min (-0.123) 9.88ppm m

response 188299

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	2.45#
179.10	33.00	0.00#
0.00	0.00	0.00

8.6.12.22

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On    :  4 Sep 2010  10:12 am
Operator  : garyj
Sample    : ic621-10
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration
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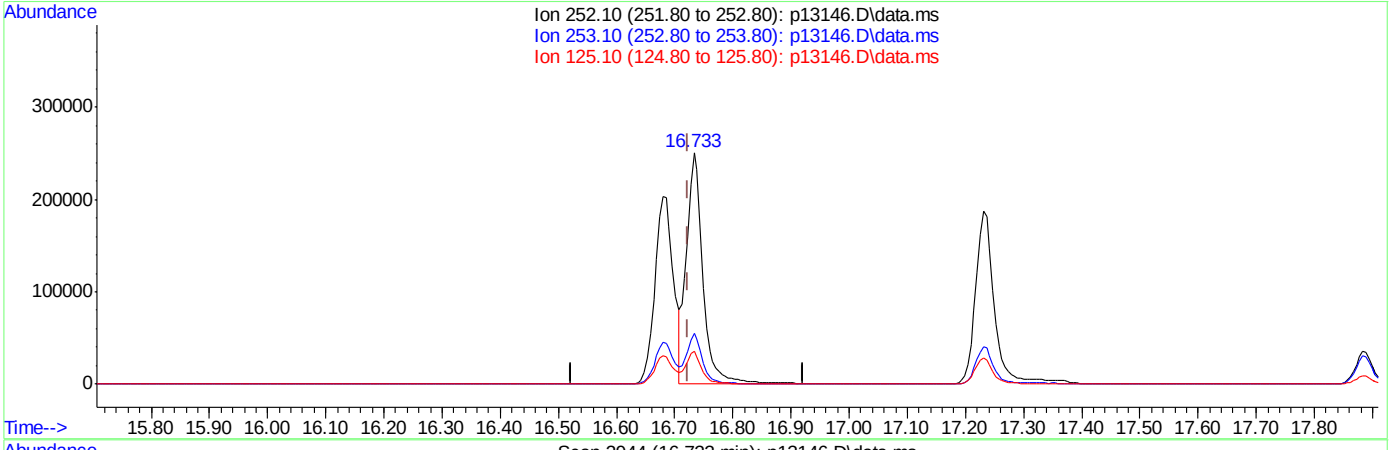
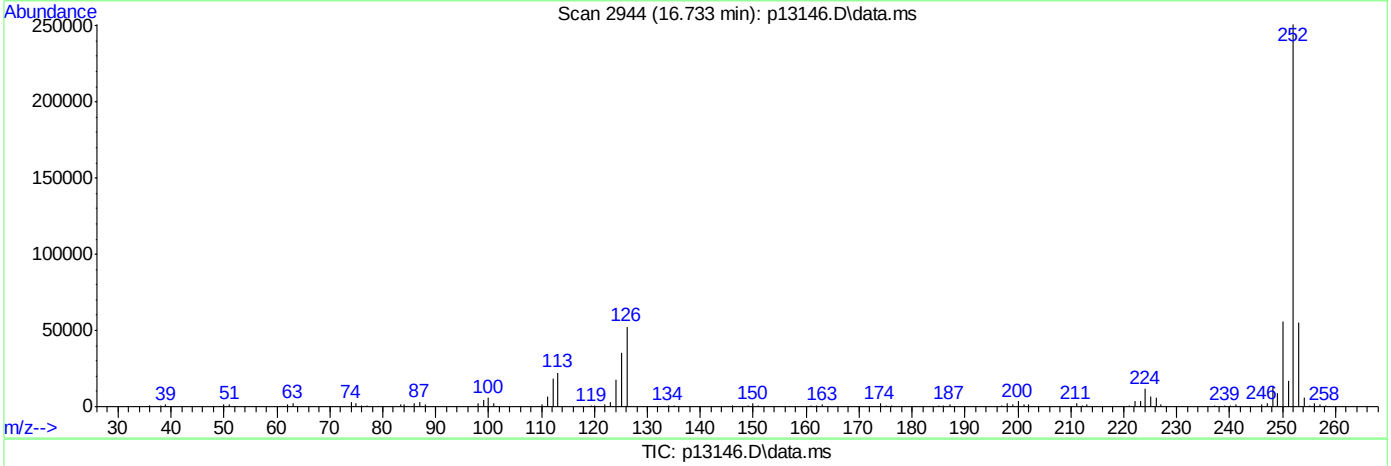




TIC: p13146.D\data.ms

(136) Benzo[b]fluoranthene

16.733min (+0.011) 10.45ppm

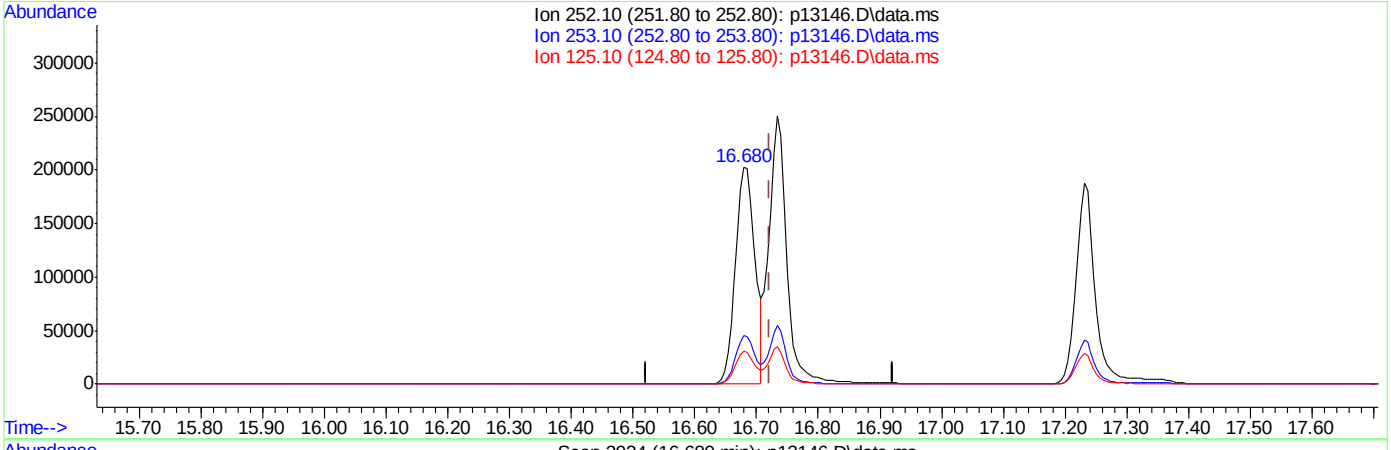
response 494224

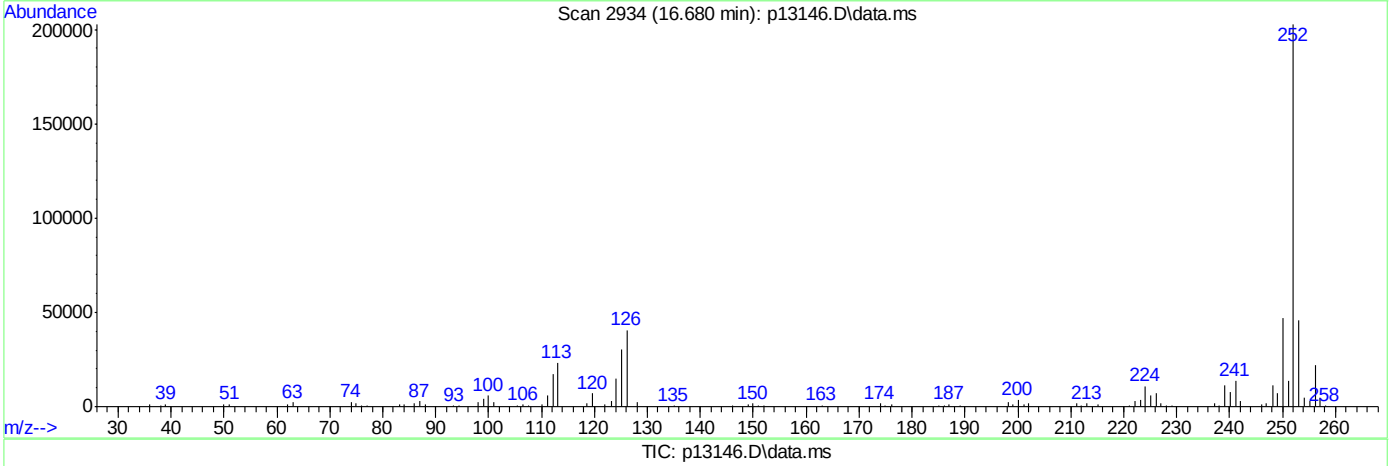
Ion	Exp%	Act%
252.10	100	100
253.10	23.50	21.93
125.10	16.20	13.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13146.D
Acq On : 4 Sep 2010 10:12 am
Operator : garyj
Sample : ic621-10
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 04 10:32:49 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:04:27 2010
Response via : Initial Calibration





TIC: p13146.D\data.ms

(136) Benzo[b]fluoranthene

16.680min (-0.043) 9.41ppm m

response 445303

Ion	Exp%	Act%
252.10	100	100
253.10	23.50	24.34
125.10	16.20	15.31
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:10:42 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.859	152	413842	40.00	ppm	0.00
31) Naphthalene-d8	4.865	136	1509189	40.00	ppm	0.00
57) Acenaphthene-d10	6.854	164	1064231	40.00	ppm	0.00
88) Phenanthrene-d10	9.368	188	2012369	40.00	ppm	0.00
118) Chrysene-d12	14.669	240	2069944	40.00	ppm	0.00
134) Perylene-d12	17.364	264	1128101	40.00	ppm	0.01
System Monitoring Compounds						
13) 2-Fluorophenol	2.837	112	1305860	118.09	ppm	0.00
Spiked Amount 100.000	Range 10 - 66		Recovery = 118.09%#			
15) Phenol-d5	3.683	99	1716840	113.81	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 113.81%#			
32) Nitrobenzene-d5	4.314	82	888300	55.60	ppm	0.00
Spiked Amount 50.000	Range 29 - 115		Recovery = 111.20%			
61) 2-Fluorobiphenyl	5.988	172	1710621	54.48	ppm	-0.01
Spiked Amount 50.000	Range 34 - 113		Recovery = 108.96%			
93) 2,4,6-Tribromophenol	8.154	330	574227	141.56	ppm	-0.01
Spiked Amount 100.000	Range 32 - 128		Recovery = 141.56%#			
121) Terphenyl-d14	12.647	244	2114650	59.95	ppm	-0.02
Spiked Amount 50.000	Range 12 - 145		Recovery = 119.90%			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.179	79	233305	28.63	ppm	95
3) 1,4-Dioxane	1.174	88	124865m	28.97	ppm	
4) N-nitrosodimethylamine	1.441	42	180646m	29.65	ppm	
5) Pyridine	1.399	79	358328m	30.63	ppm	
6) 2-Picoline	2.164	93	371703m	30.01	ppm	
7) N-Nitrosomethylethylamine	2.351	42	239990m	30.05	ppm	
8) Methyl methanesulfonate	2.666	80	214908	30.11	ppm	100
9) N-Nitrosodiethylamine	3.019	102	191864	29.65	ppm	99
10) Ethyl methanesulfonate	3.308	79	316024	29.87	ppm	99
11) Benzaldehyde	3.517	106	119902	31.40	ppm	99
12) Aniline	3.618	93	590110	29.55	ppm	98
14) bis(2-Chloroethyl)ether	3.693	93	405823	28.00	ppm	93
16) Phenol	3.693	94	470946	28.86	ppm	97
17) 2-Chlorophenol	3.725	128	368346	28.83	ppm	100
18) 1,3-Dichlorobenzene	3.811	146	453218	29.55	ppm	99
19) 1,4-Dichlorobenzene	3.875	146	441531	28.23	ppm	99
20) 1,2-Dichlorobenzene	3.987	146	428873	28.51	ppm	100
21) Benzyl alcohol	4.014	108	269723	29.77	ppm	100
22) bis(2-chloroisopropyl)...	4.116	45	802504	28.32	ppm	100
23) 2-Methylphenol	4.169	108	378477m	29.38	ppm	
24) N-Nitrosopyrrolidine	4.207	100	229383	29.02	ppm	95
25) N-Nitrosomorpholine	4.228	56	332315	27.99	ppm	97
26) o-Toluidine	4.233	106	658414	28.30	ppm #	40
27) Acetophenone	4.207	105	557550	28.62	ppm #	12
28) Hexachloroethane	4.250	117	191182	29.21	ppm	93
29) N-Nitroso-di-n-propyla...	4.239	70	300736	26.84	ppm	83
30) 3&4-Methylphenol	4.282	108	387790	28.91	ppm	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:10:42 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33)	Nitrobenzene	4.330	77	461162	27.44	ppm		99
34)	N-Nitrosopiperidine	4.442	42	392452	28.91	ppm		99
35)	A,A-Dimethylphenethyla...	5.501	58	1739093m	32.96	ppm		
36)	Isophorone	4.522	82	904317	27.91	ppm		100
37)	2-Nitrophenol	4.565	139	185991	31.37	ppm		99
38)	2,4-Dimethylphenol	4.661	107	434263	28.61	ppm		100
39)	bis(2-Chloroethoxy)met...	4.709	93	553748m	28.41	ppm		
40)	O,O,O-Triethyl phospho...	4.699	121	194441	27.45	ppm		96
41)	Benzoic Acid	4.800	105	85297	49.18	ppm		85
42)	2,4-Dichlorophenol	4.790	162	323489	30.06	ppm		100
43)	1,2,4-Trichlorobenzene	4.822	180	388705	28.29	ppm		100
44)	Naphthalene	4.881	128	1115075	27.05	ppm		100
45)	4-Chloroaniline	4.950	127	465904	28.47	ppm		98
46)	2,6-Dichlorophenol	4.961	162	313223	28.93	ppm		99
47)	Hexachloropropene	4.961	213	143279	32.68	ppm		100
48)	Hexachlorobutadiene	5.009	225	247572	28.86	ppm		99
49)	p-Phenylenediamine	5.292	108	155937	66.77	ppm	#	100
50)	Caprolactam	5.335	113	156734	31.55	ppm		98
51)	N-Nitrosodi-n-butylamine	5.282	84	352656	26.82	ppm		98
52)	4-Chloro-3-methylphenol	5.490	107	384169	30.90	ppm		98
53)	Isosafrole	5.474	162	319179	28.05	ppm		98
54)	2-Methylnaphthalene	5.539	142	812866	27.64	ppm		100
55)	1-Methylnaphthalene	5.645	142	795894	27.59	ppm		100
56)	1,2,4,5-Tetrachloroben...	5.731	216	391061	28.60	ppm		99
58)	Hexachlorocyclopentadiene	5.731	237	77143	41.69	ppm	#	100
59)	2,4,6-Trichlorophenol	5.902	196	243298	32.09	ppm		99
60)	2,4,5-Trichlorophenol	5.982	196	239414	33.45	ppm		100
62)	Safrole	6.084	162	549736m	36.24	ppm		
63)	1,1'-Biphenyl	6.105	154	911808	26.39	ppm		100
64)	2-Chloronaphthalene	6.105	162	794804m	27.69	ppm		
65)	1-Chloronaphthalene	6.127	162	540018m	24.17	ppm		
66)	2-Nitroaniline	6.266	65	299673m	28.80	ppm		
67)	1,4-Naphthoquinone	6.341	158	339819	28.92	ppm		100
68)	Acenaphthylene	6.640	152	1291066	27.16	ppm		100
69)	Dimethylphthalate	6.582	163	1001167	28.10	ppm		100
70)	m-Dinitrobenzene	6.464	168	154552	31.78	ppm		100
71)	2,6-Dinitrotoluene	6.630	165	216931	27.50	ppm		83
72)	Acenaphthene	6.902	153	833937	27.29	ppm		100
73)	3-Nitroaniline	6.860	138	214329	30.85	ppm		100
74)	2,4-Dinitrophenol	7.041	184	97244	44.96	ppm		96
75)	Dibenzofuran	7.165	168	1181927	27.89	ppm		100
76)	Pentachlorobenzene	7.116	250	361172	28.61	ppm		100
77)	2,4-Dinitrotoluene	7.234	165	318057	30.40	ppm		100
78)	4-Nitrophenol	7.346	109	115669	33.29	ppm		98
79)	1-Naphthylamine	7.293	143	596175	40.80	ppm		99
80)	2-Naphthylamine	7.437	143	506839	41.61	ppm		99
81)	2,3,4,6-Tetrachlorophenol	7.427	232	215815	35.29	ppm		98
82)	Fluorene	7.710	166	984923	27.39	ppm		100
83)	4-Chlorophenyl-phenyle...	7.769	204	492254	28.54	ppm		99
84)	Diethylphthalate	7.683	149	1110644	28.11	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:10:42 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.822	152	309279	45.23	ppm		98
86)	Thionazin	7.817	97	271261	28.02	ppm		100
87)	4-Nitroaniline	7.860	138	251501	48.44	ppm		99
89)	4,6-Dinitro-2-methylph...	7.919	198	155108	38.72	ppm		99
90)	n-Nitrosodiphenylamine	8.004	169	872913	27.73	ppm		99
91)	1,2-Diphenylhydrazine	8.036	77	1350809	29.72	ppm		100
92)	Diphenylamine	8.004	169	872913	27.73	ppm		99
94)	Tetraethyl dithiopyrop...	8.405	97	223183	27.79	ppm		96
95)	sym-Trinitrobenzene	8.684	213	129528	32.84	ppm	#	95
96)	Diallate	8.566	43	543238	24.97	ppm		96
97)	Phorate	8.560	75	757502	29.44	ppm		100
98)	4-Bromophenyl-phenylether	8.619	248	297688	28.15	ppm		99
99)	Phenacetin	8.732	108	604162	30.26	ppm	#	69
100)	Hexachlorobenzene	8.689	284	315472	28.22	ppm		99
101)	Dimethoate	8.876	87	445897	27.09	ppm		100
102)	Atrazine	9.095	200	230160	26.28	ppm		99
103)	4-aminobiphenyl	9.127	169	931679	30.62	ppm		99
104)	Pentachlorophenol	9.133	266	132152	39.60	ppm		100
105)	Pentachloronitrobenzene	9.117	237	147398	28.27	ppm		98
106)	Pronamide	9.373	173	493122	28.27	ppm		98
107)	Phenanthrene	9.411	178	1486539	27.39	ppm		100
108)	Anthracene	9.502	178	1503571	27.77	ppm		100
109)	Disulfoton	9.534	88	743638	32.86	ppm		100
110)	Carbazole	9.882	167	1515175	29.56	ppm		99
111)	Methyl parathion	10.240	109	406590	27.70	ppm		100
112)	Di-n-butylphthalate	10.791	149	2162903	27.57	ppm		100
113)	4-Nitroquinoline 1-Oxide	10.967	190	130716	44.12	ppm		100
114)	Parathion	11.064	97	315197	29.29	ppm		99
115)	Methapyrilene	11.246	58	269161	33.18	ppm	#	100
116)	Isodrin	11.390	193	212395	27.91	ppm		99
117)	Fluoranthene	11.716	202	1756625	28.67	ppm		99
119)	Benzidine	12.123	184	542885	35.12	ppm		99
120)	Pyrene	12.139	202	1837910	29.55	ppm		100
122)	Aramite	12.920	185	138603	30.16	ppm		99
123)	p-(Dimethylamine)azobe...	12.952	120	614152	31.05	ppm		100
124)	Chlorobenzilate	13.112	139	672182	30.15	ppm		98
126)	3,3'-Dimethylbenzidine	13.636	212	602685	33.67	ppm		100
127)	Famphur	13.594	218	96820	10.34	ppm	#	100
128)	Butylbenzylphthalate	13.786	149	977345	29.30	ppm		99
129)	2-Acetylaminofluorene	14.177	181	517414	27.64	ppm		100
130)	3,3'-Dichlorobenzidine	14.706	252	462519	42.33	ppm		99
131)	Benzo[a]anthracene	14.631	228	1571224	29.29	ppm		100
132)	Chrysene	14.717	228	1429473	28.10	ppm		100
133)	bis(2-Ethylhexyl)phtha...	15.102	149	1345047	29.09	ppm		100
135)	Di-n-octylphthalate	16.369	149	1937300	33.95	ppm		99
136)	Benzo[b]fluoranthene	16.706	252	1069021	30.51	ppm		99
137)	Benzo[k]fluoranthene	16.760	252	1026052	28.66	ppm		100
138)	7,12-Dimethylbenz(a)an...	16.717	256	433212	47.08	ppm		100
140)	Benzo[a]pyrene	17.252	252	928508	30.13	ppm		99
141)	3-Methylcholanthrene	17.899	268	417006	30.56	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:10:42 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.071	276	593079	33.53 ppm	99
143) Dibenz[a,h]anthracene	19.119	278	637722	32.04 ppm	98
144) Benzo[g,h,i]perylene	19.440	276	624186	31.64 ppm	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

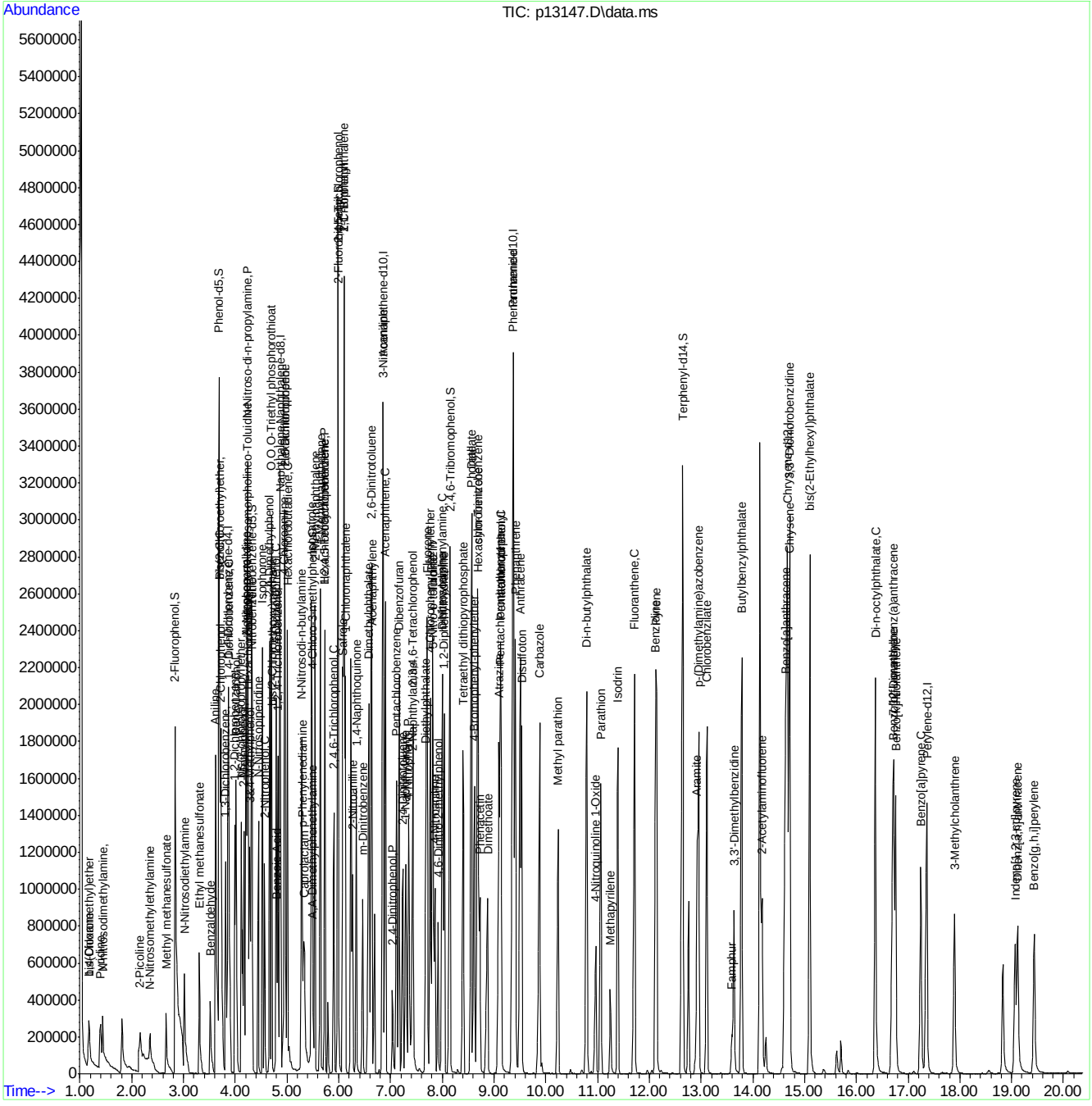
8.6.13

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

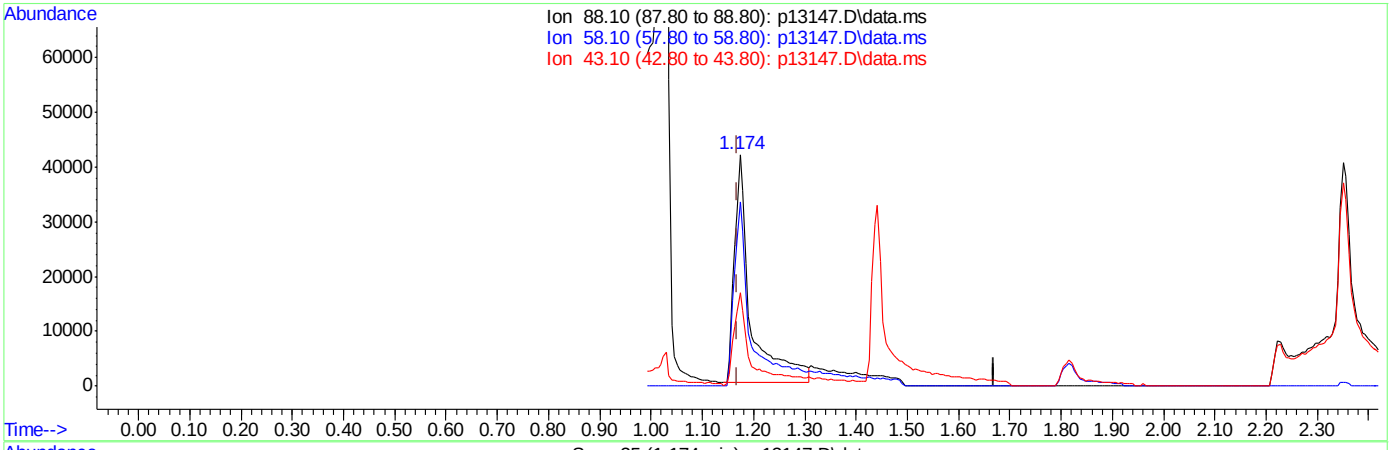
Quant Time: Sep 04 11:10:42 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration

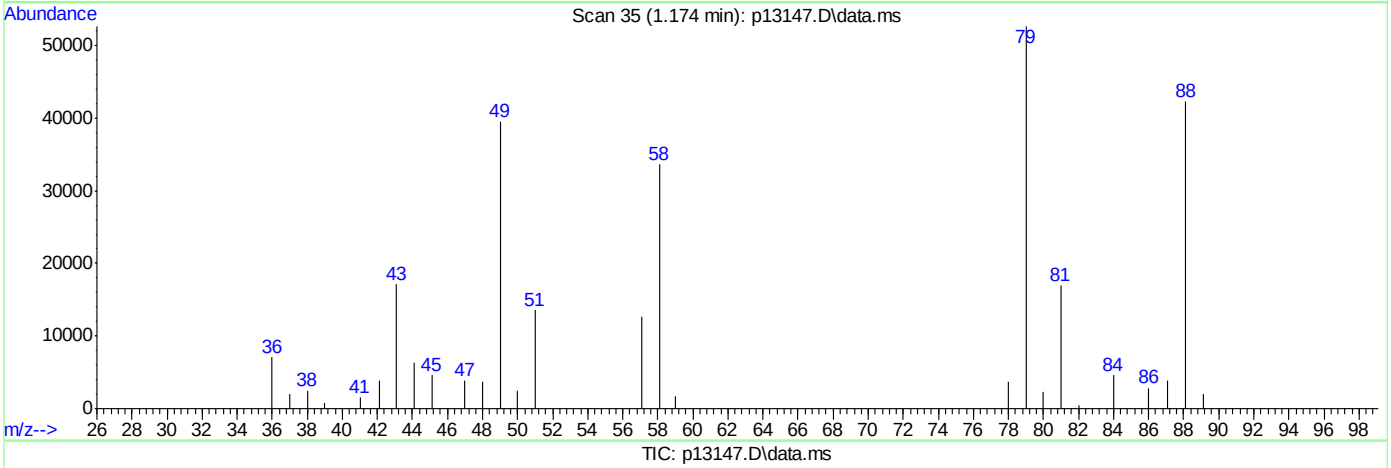


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(3) 1,4-Dioxane

1.174min (+0.005) 21.68ppm

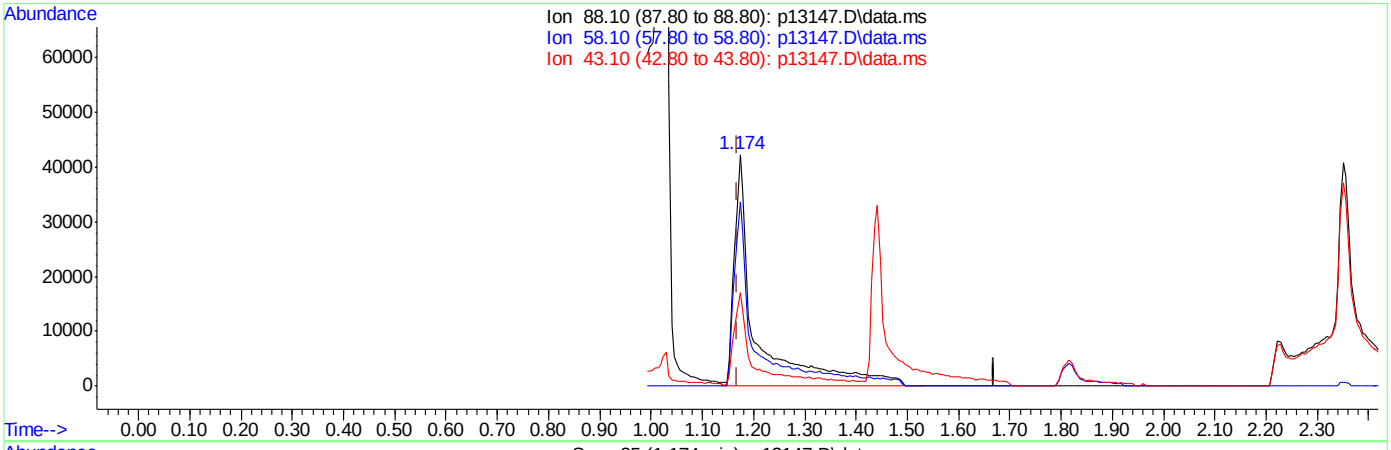
response 93453

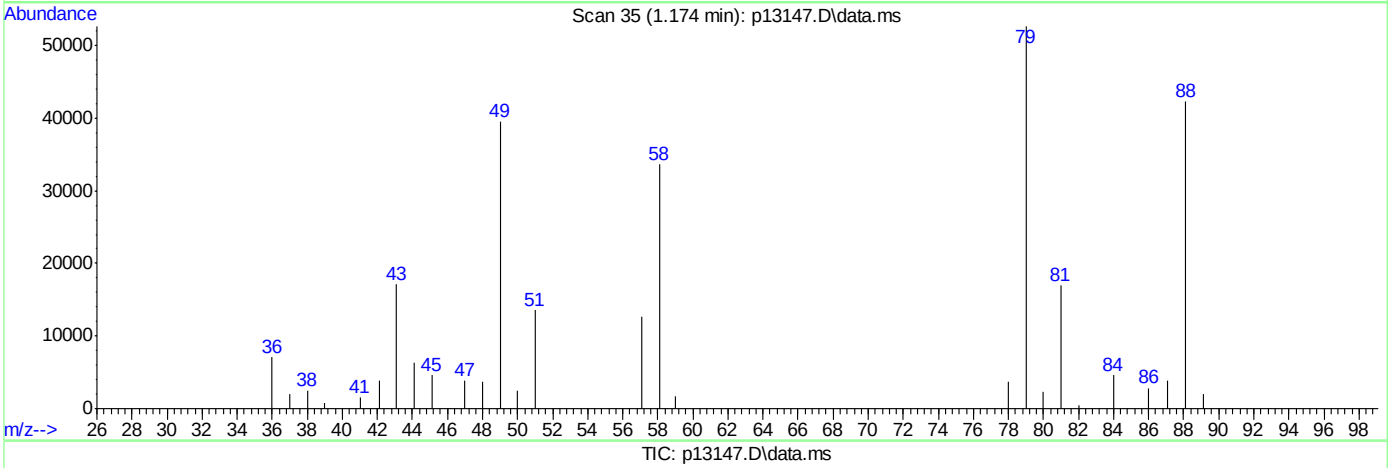
Ion	Exp%	Act%
88.10	100	100
58.10	79.30	83.88
43.10	0.00	43.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(3) 1,4-Dioxane

1.174min (+0.005) 28.97ppm m

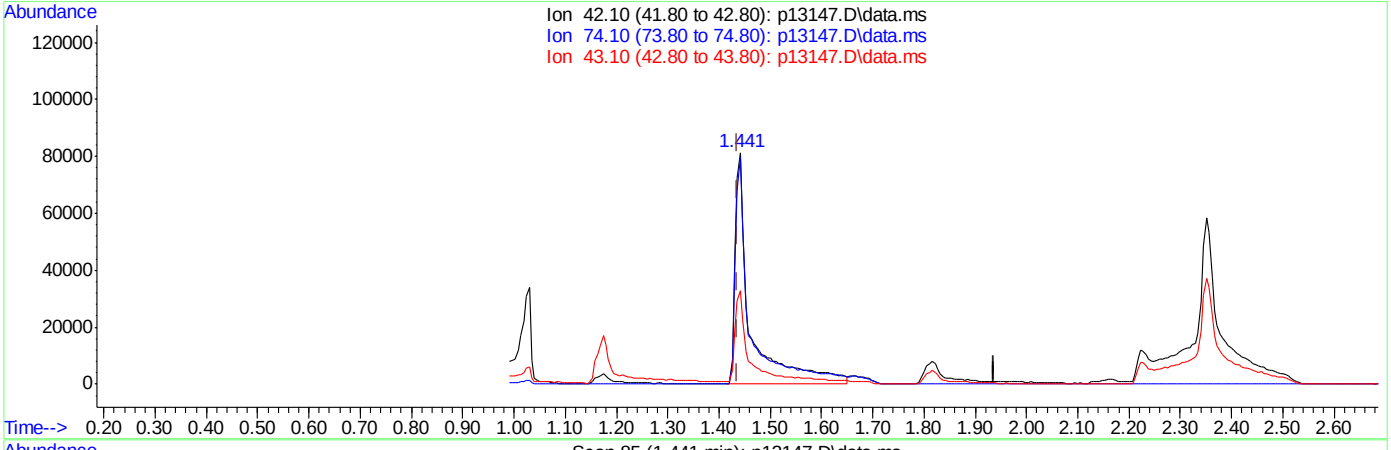
response 124865

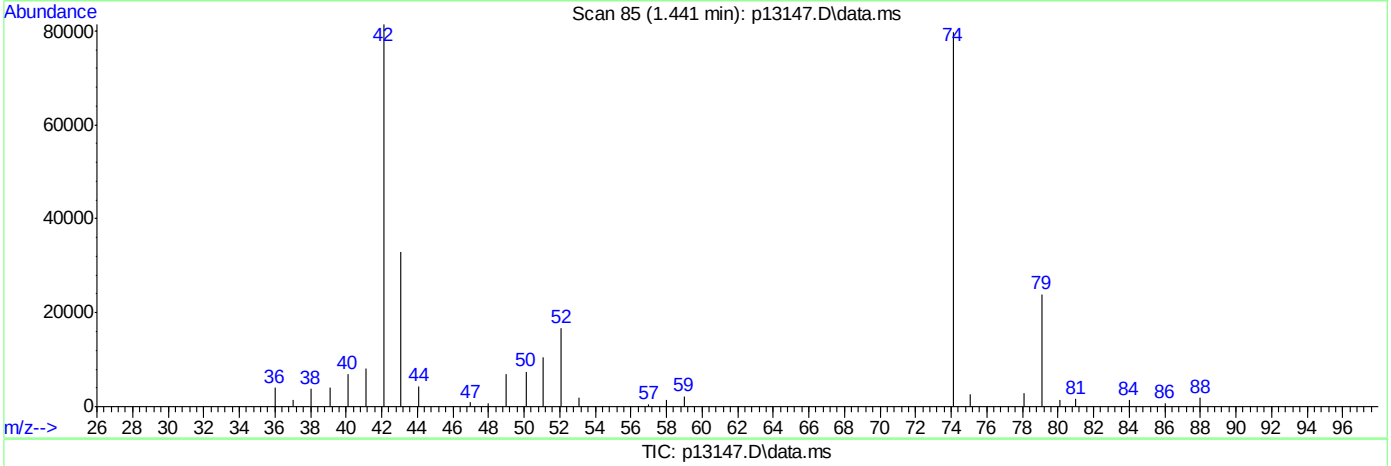
Ion	Exp%	Act%
88.10	100	100
58.10	79.30	62.77
43.10	0.00	32.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(4) N-nitrosodimethylamine ( )

1.441min (+0.005) 28.44ppm

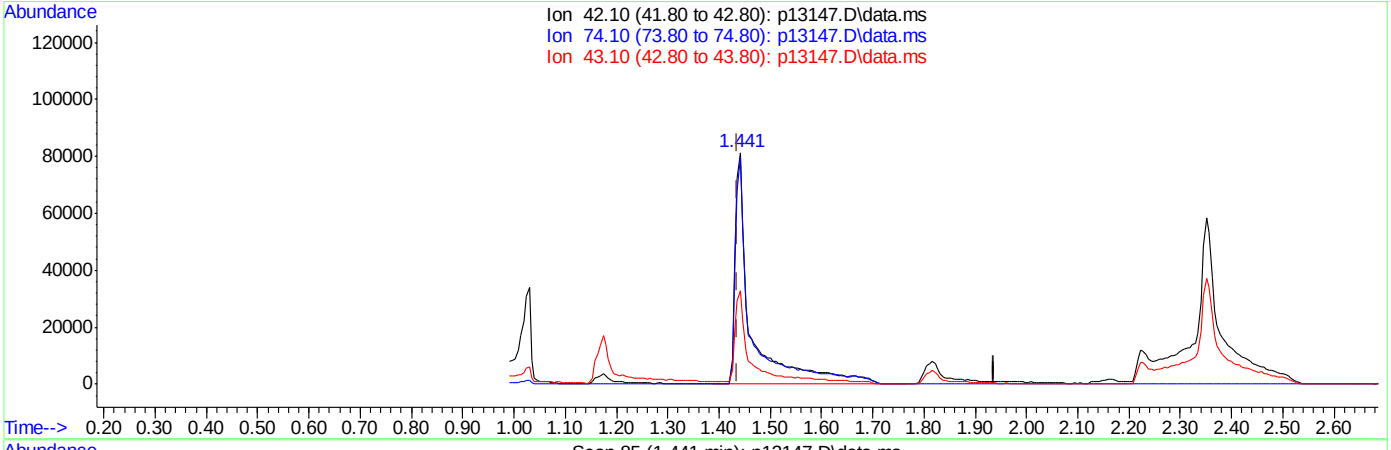
response 173266

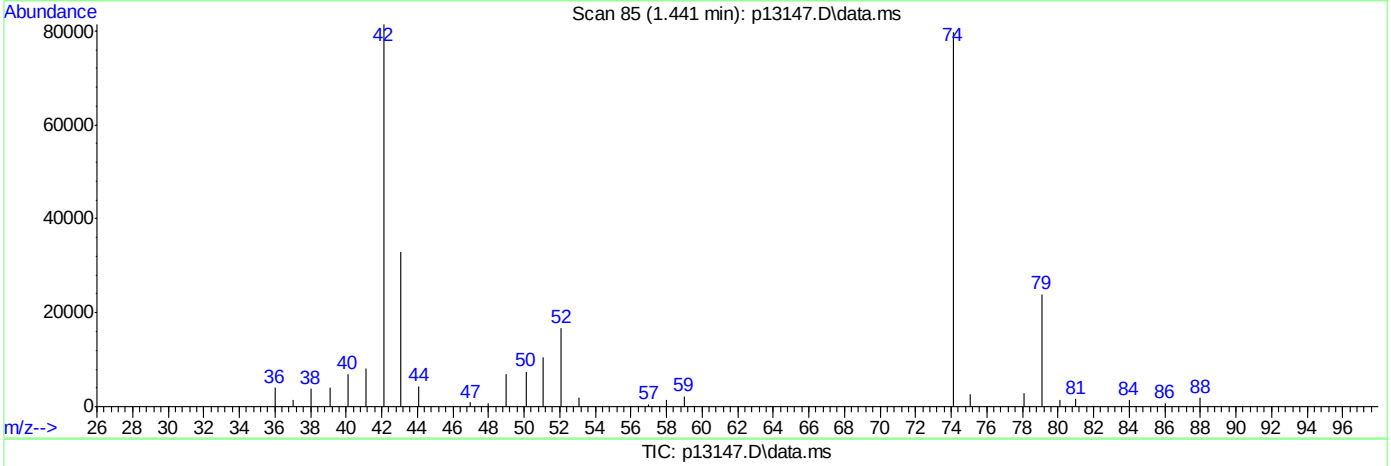
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	90.68
43.10	31.90	35.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(4) N-nitrosodimethylamine ( )

1.441min (+0.005) 29.65ppm m

response 180646

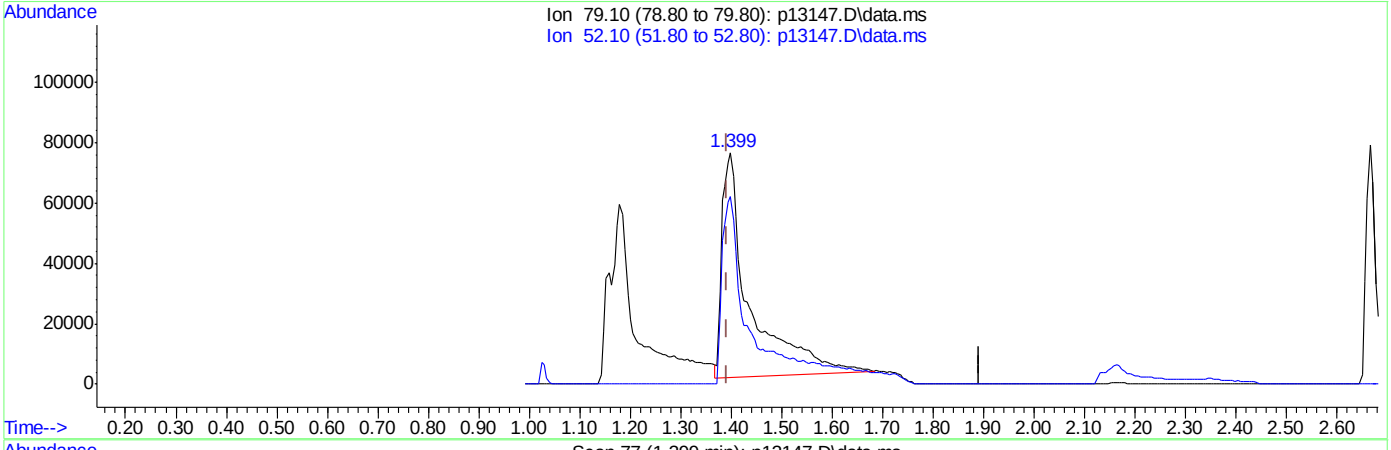
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	86.97
43.10	31.90	33.63
0.00	0.00	0.00

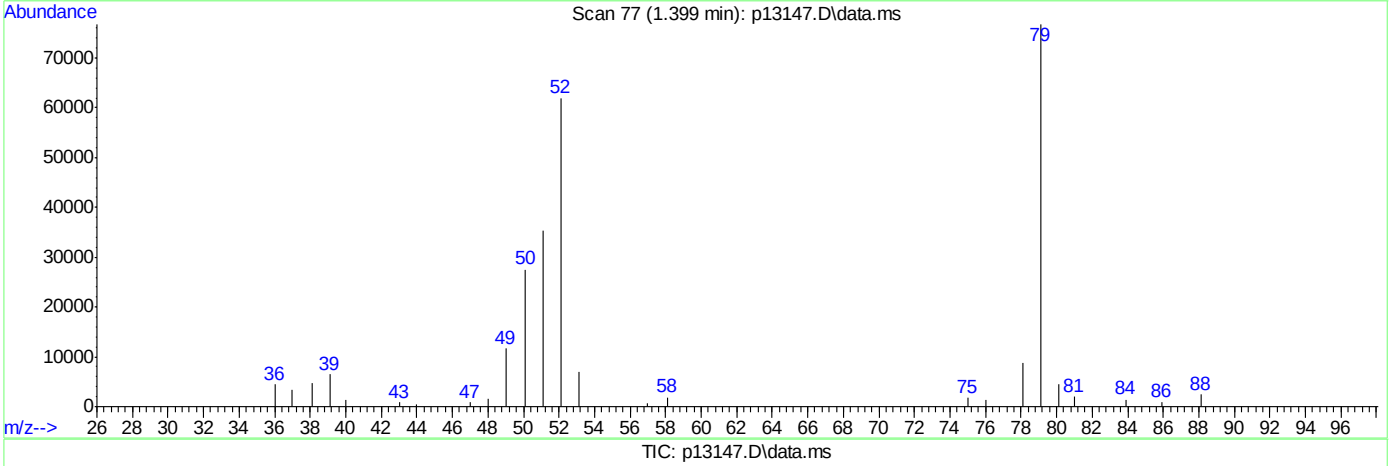
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(5) Pyridine ( )

1.399min (+0.005) 24.61ppm

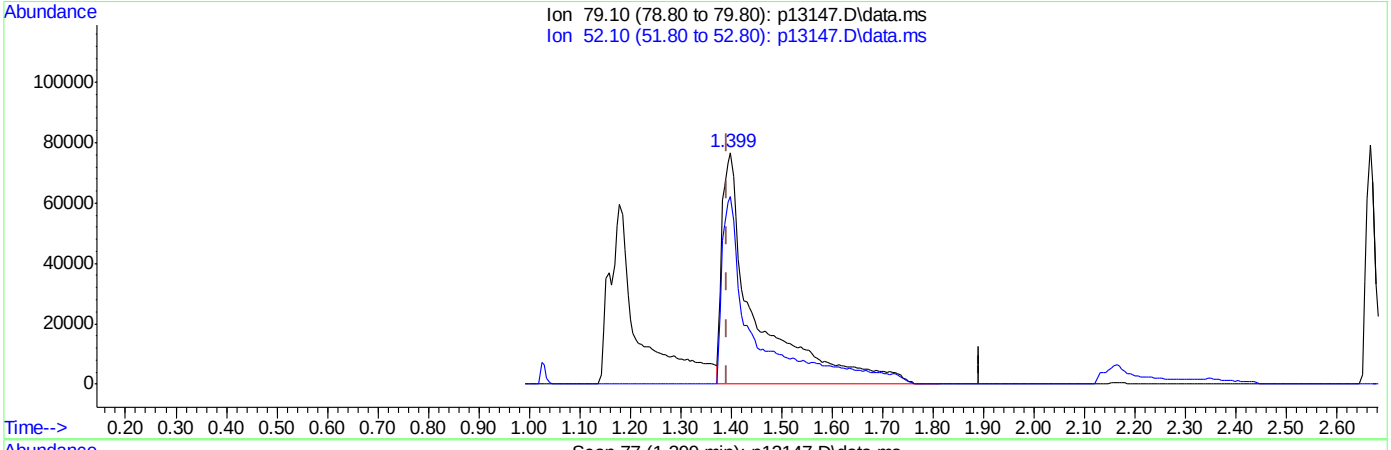
response 287821

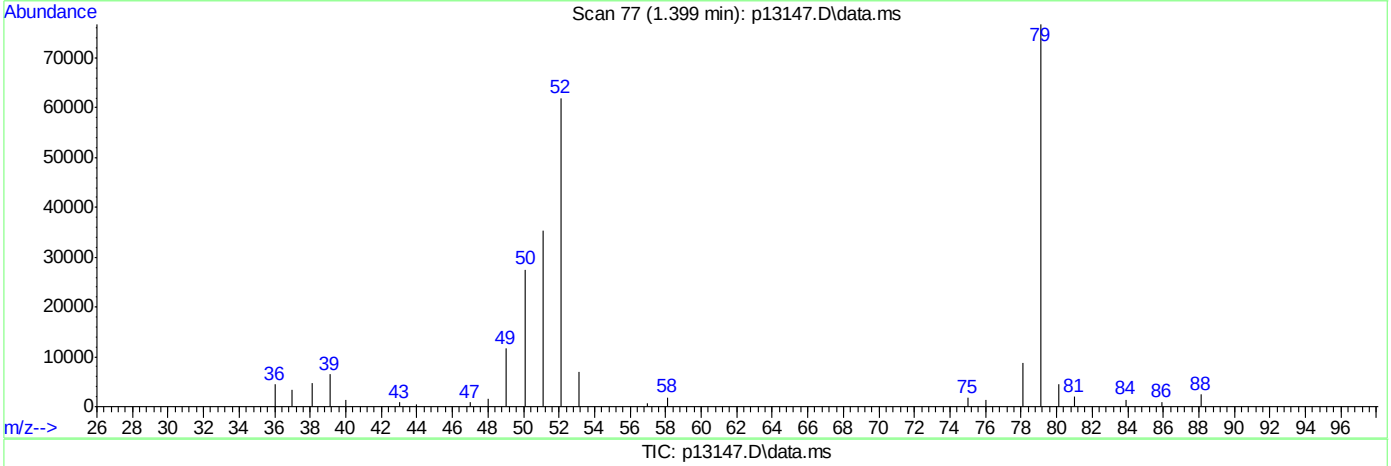
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	92.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(5) Pyridine ( )

1.399min (+0.005) 30.63ppm m

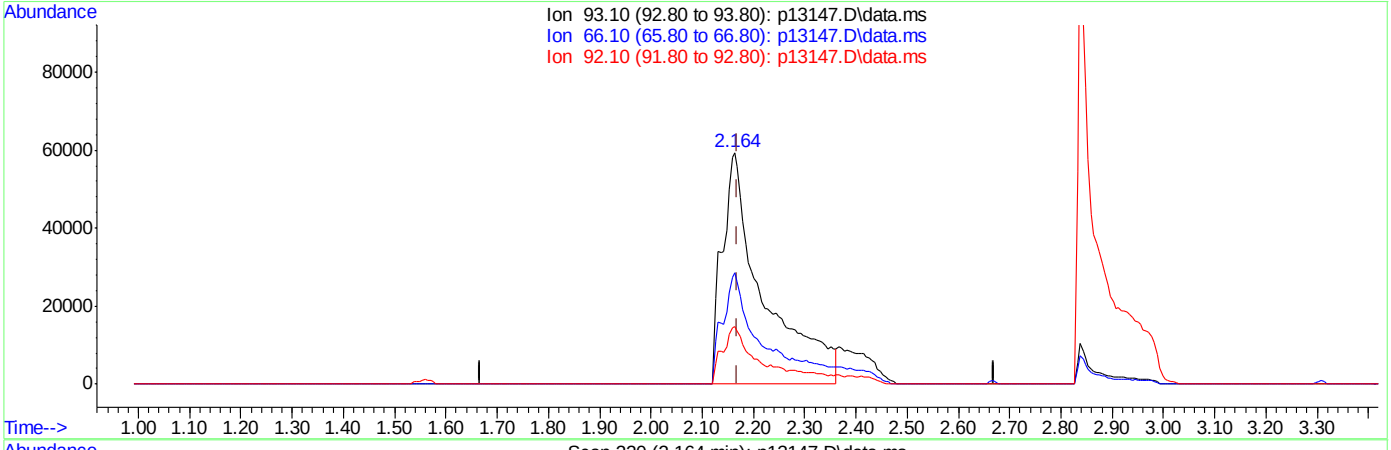
response 358328

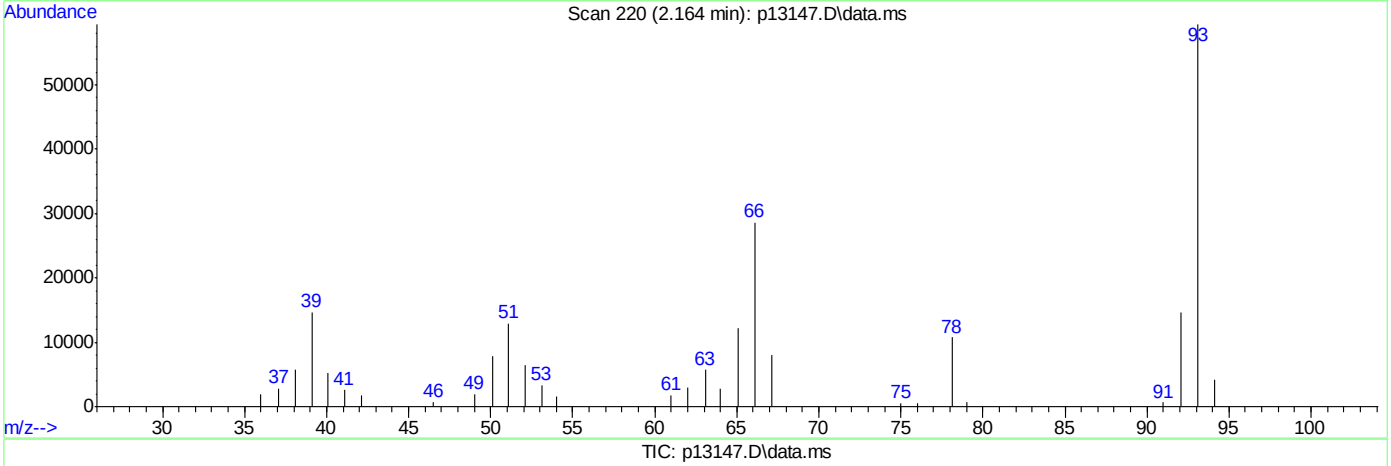
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	74.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
```





TIC: p13147.D\data.ms

(6) 2-Picoline

2.164min (-0.005) 26.82ppm

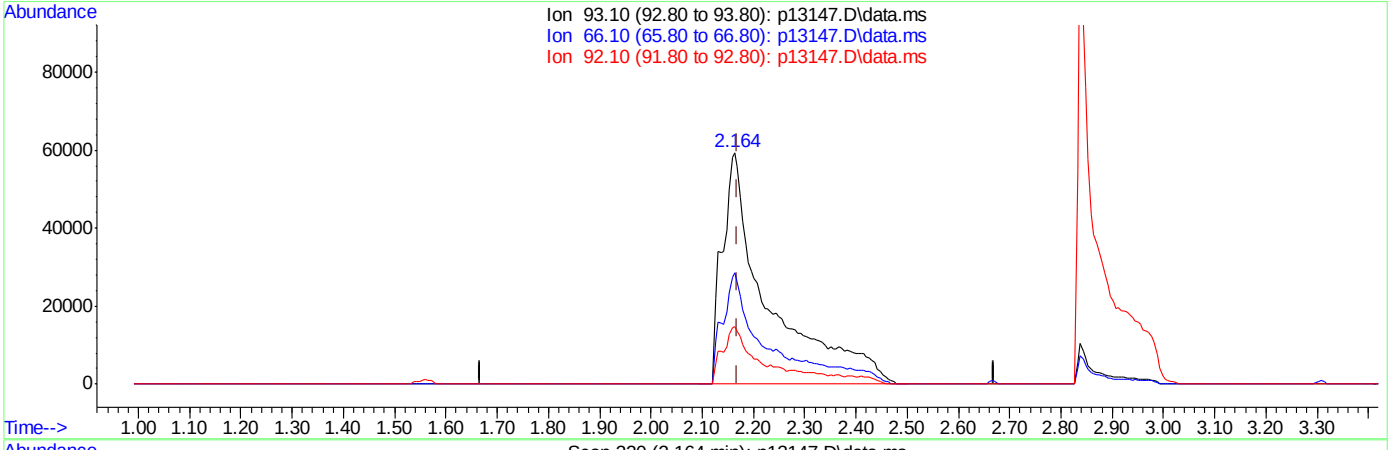
response 332129

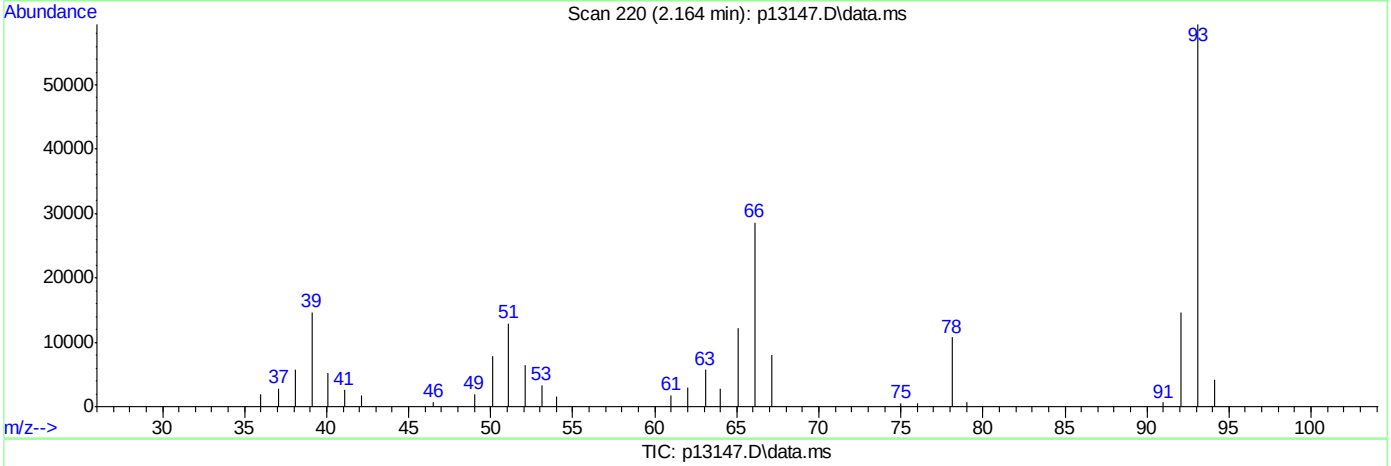
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	52.19#
92.10	0.00	16.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(6) 2-Picoline

2.164min (-0.005) 30.01ppm m

response 371703

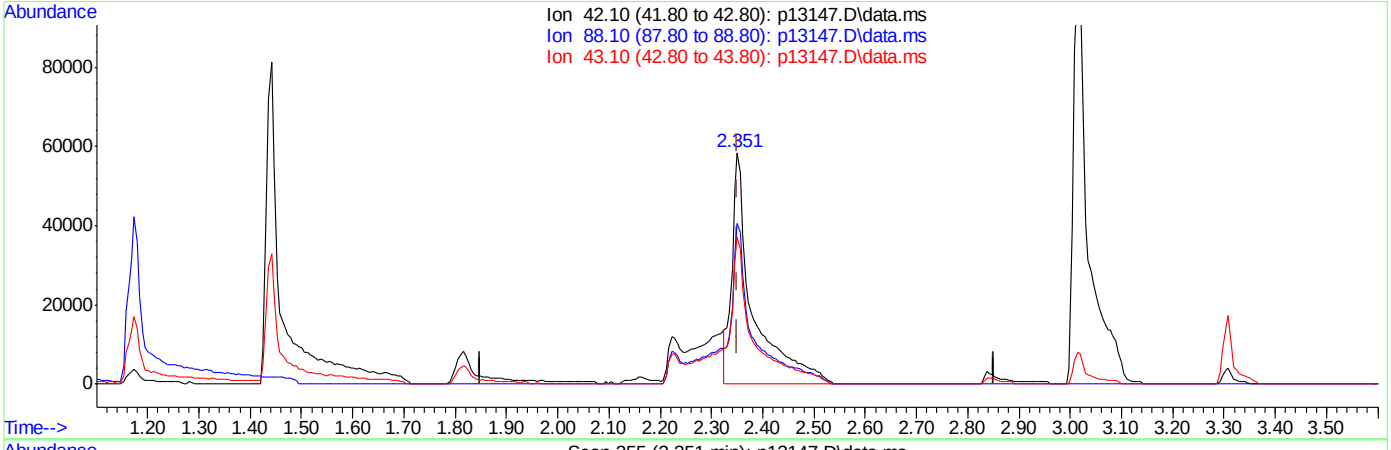
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	46.64#
92.10	0.00	15.06#
0.00	0.00	0.00

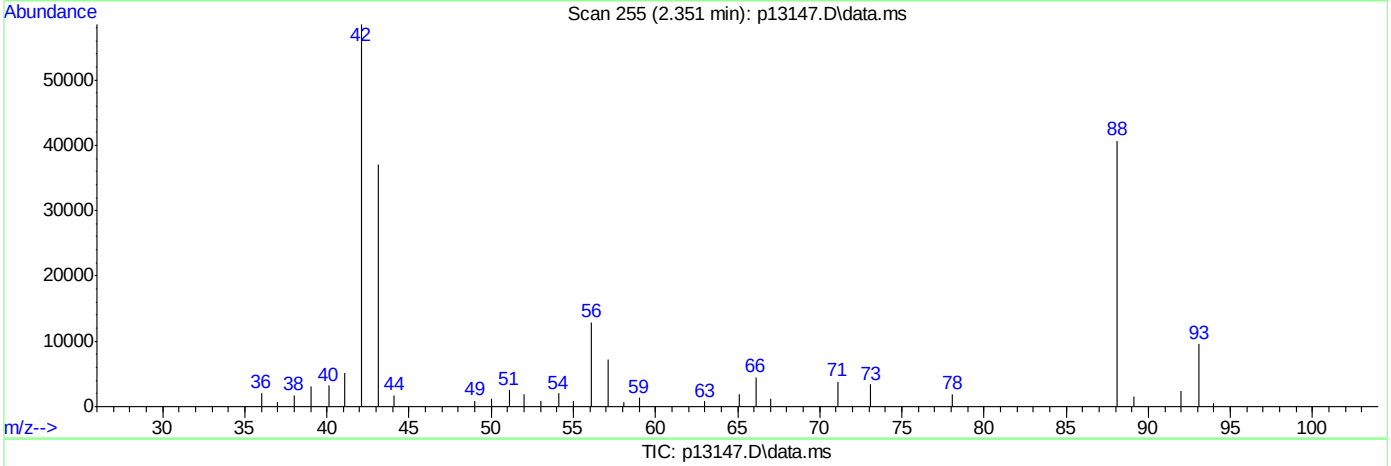
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
```





TIC: p13147.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (-0.000) 21.11ppm

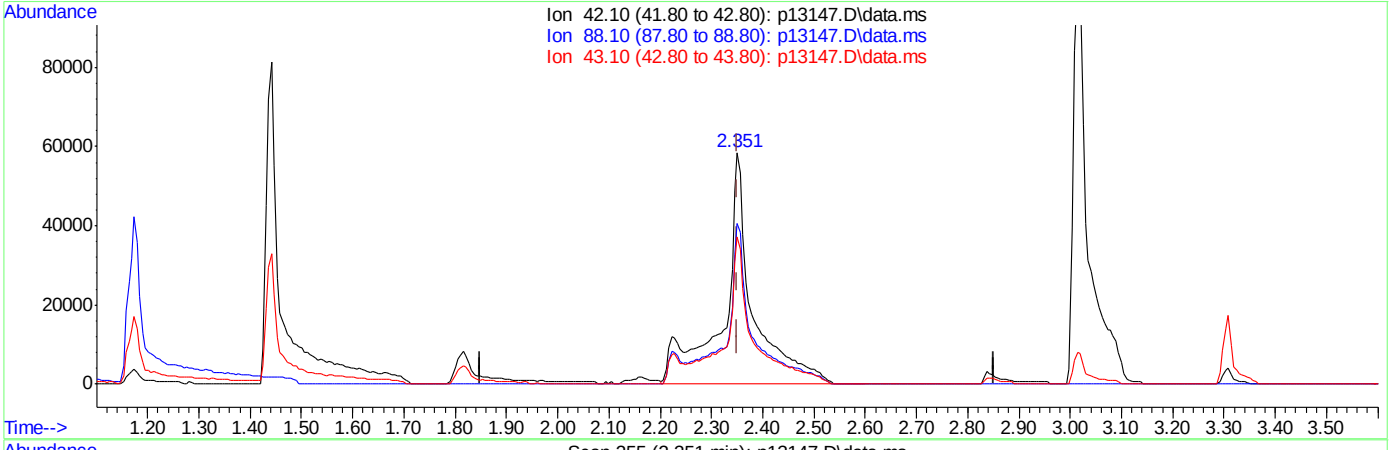
response 168576

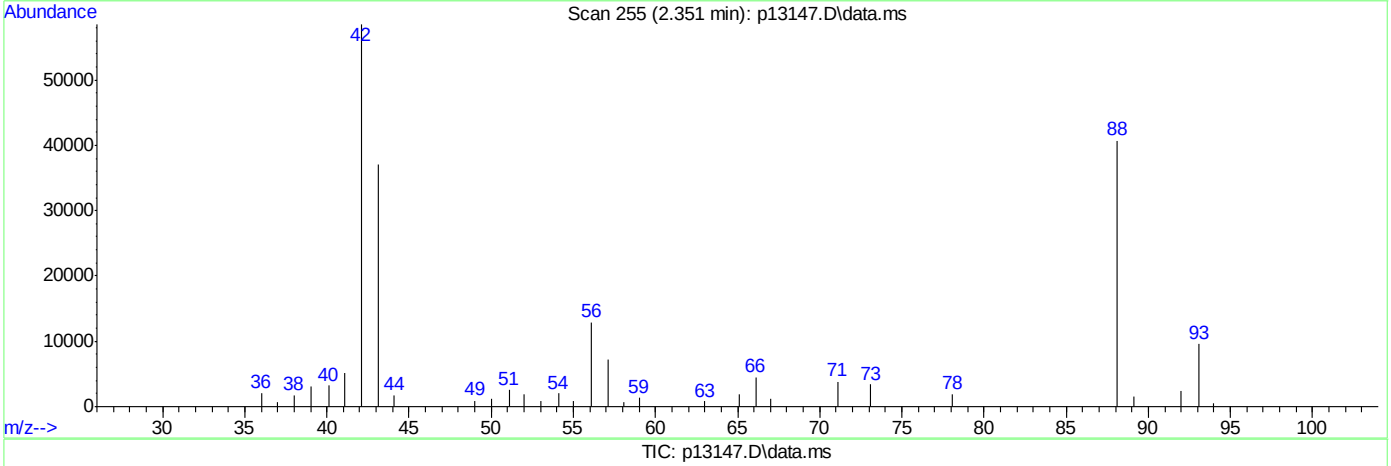
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	69.32#
43.10	46.60	63.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(7) N-Nitrosomethylethylamine

2.351min (-0.000) 30.05ppm m

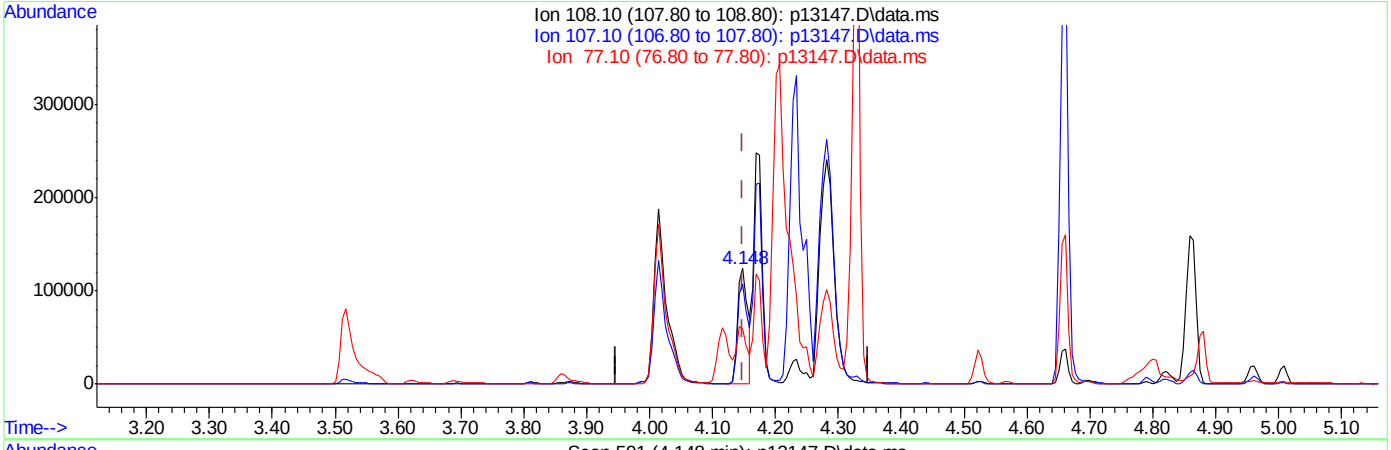
response 239990

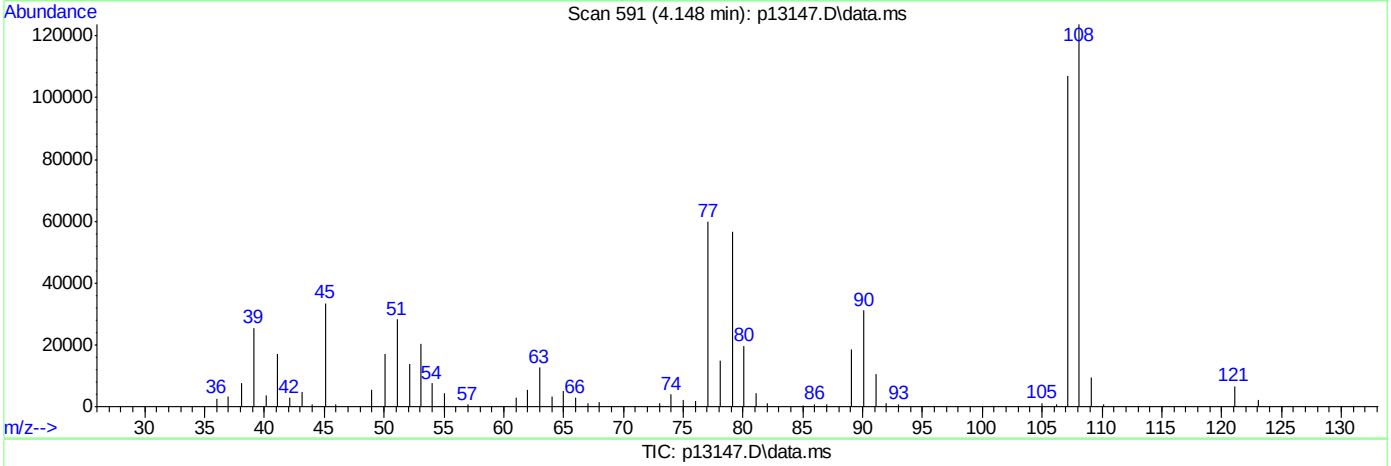
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	48.69
43.10	46.60	44.86
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
```





TIC: p13147.D\data.ms

(23) 2-Methylphenol ( )

4.148min (-0.000) 10.68ppm

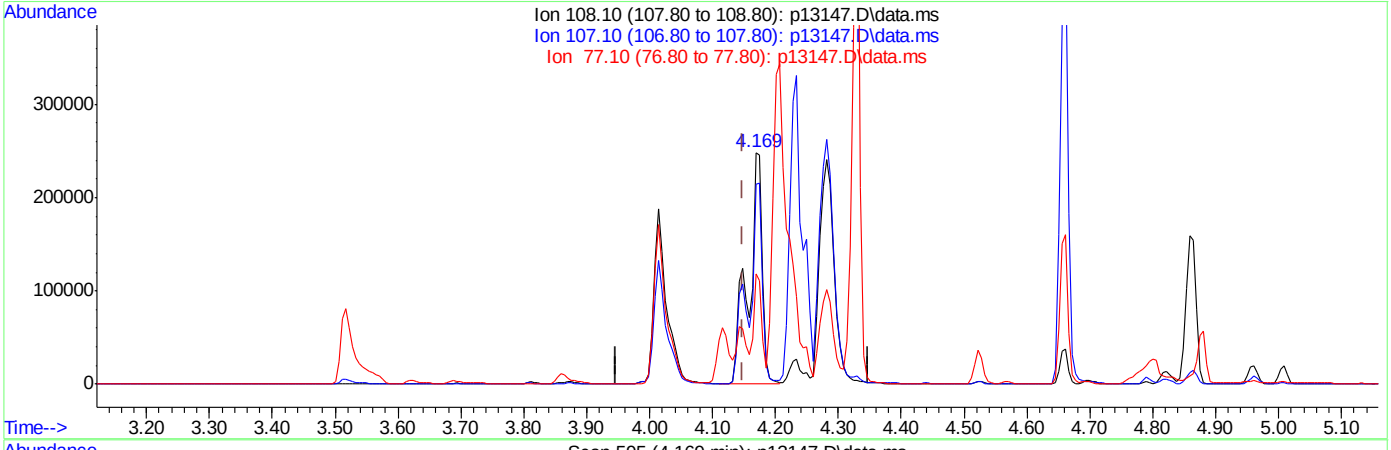
response 137544

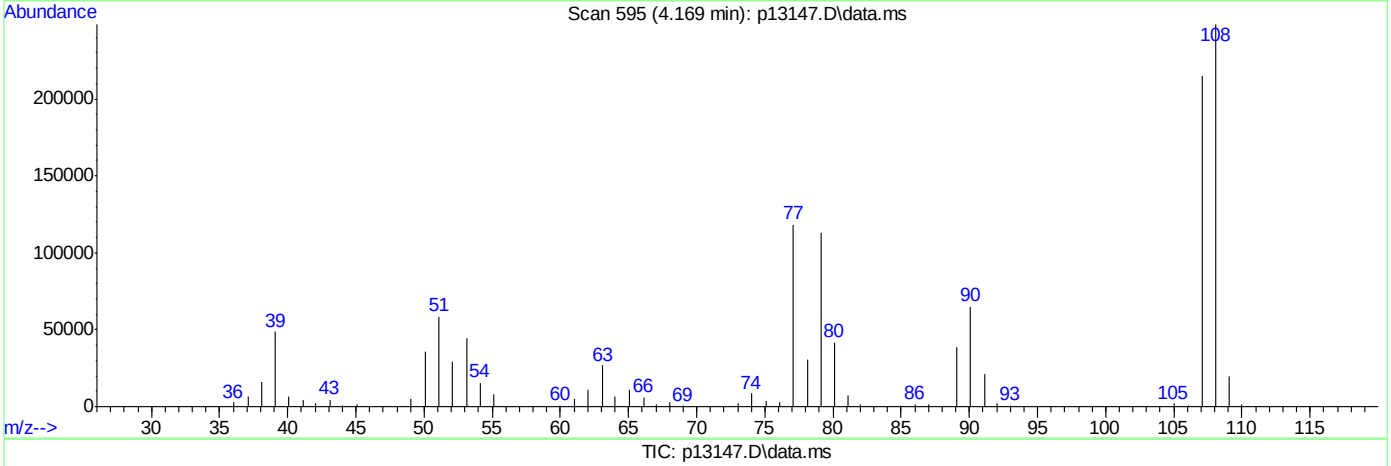
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	87.00#
77.10	16.60	43.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(23) 2-Methylphenol ( )

4.169min (+0.021) 29.38ppm m

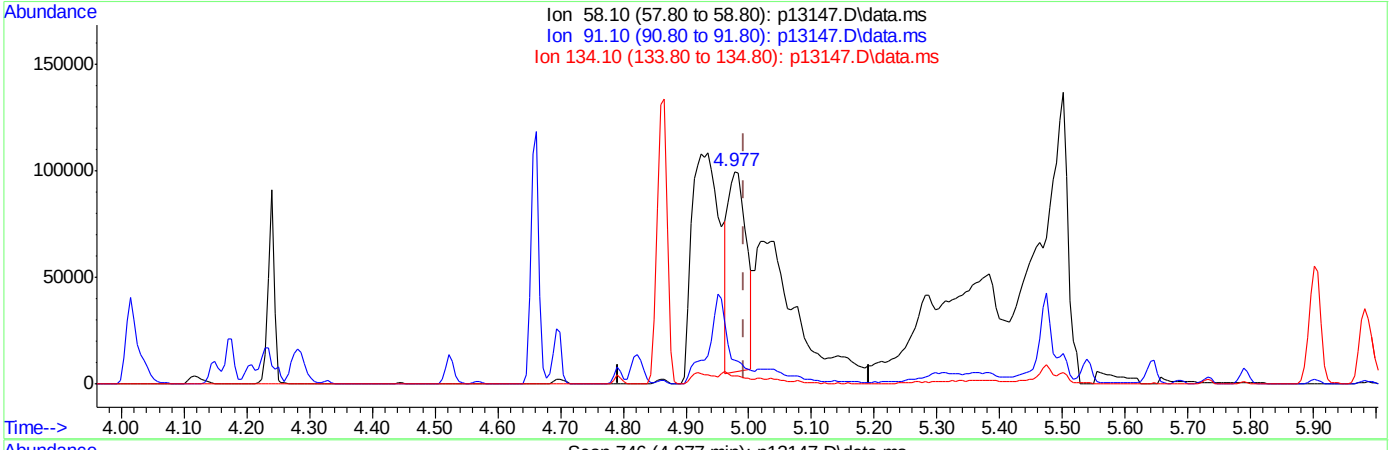
response 378477

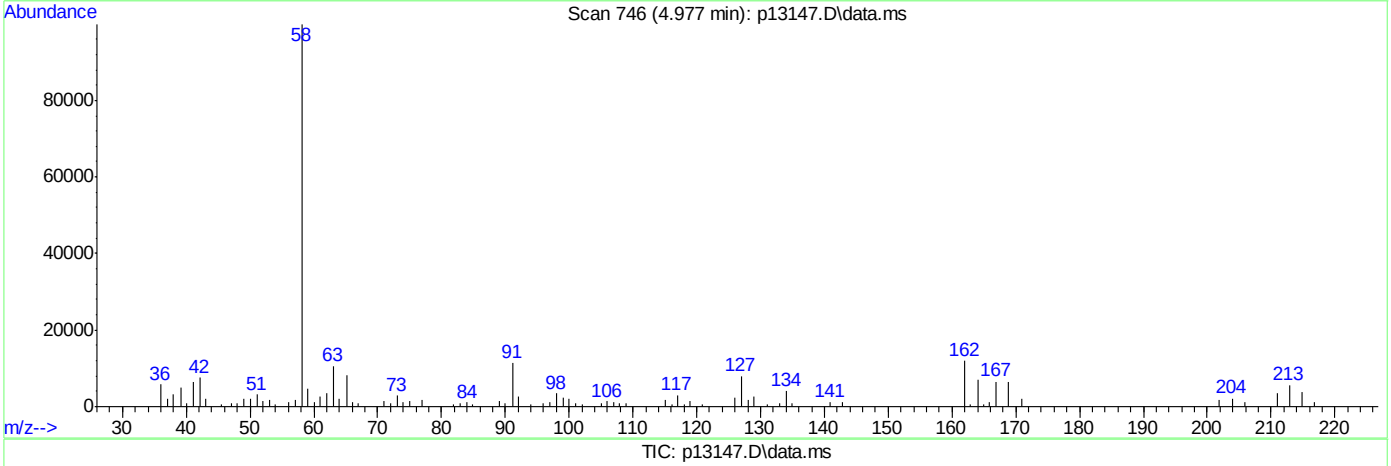
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	31.62
77.10	16.60	15.75
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
```





TIC: p13147.D\data.ms

(35) A,A-Dimethylphenethylamine

4.977min (-0.016) 3.68ppm

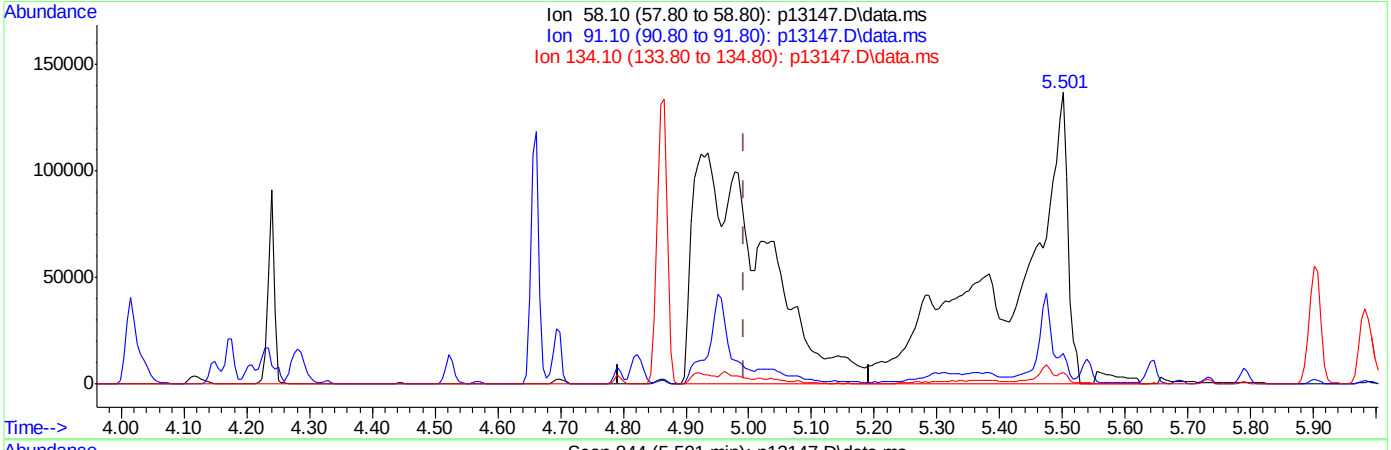
response 194349

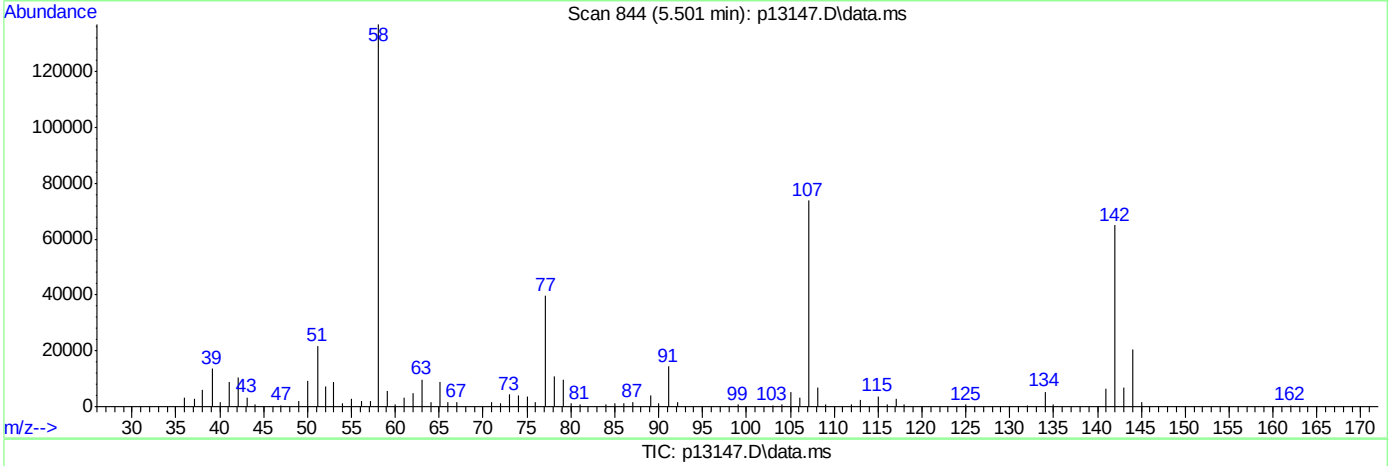
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(35) A,A-Dimethylphenethylamine

5.501min (+0.508) 32.96ppm m

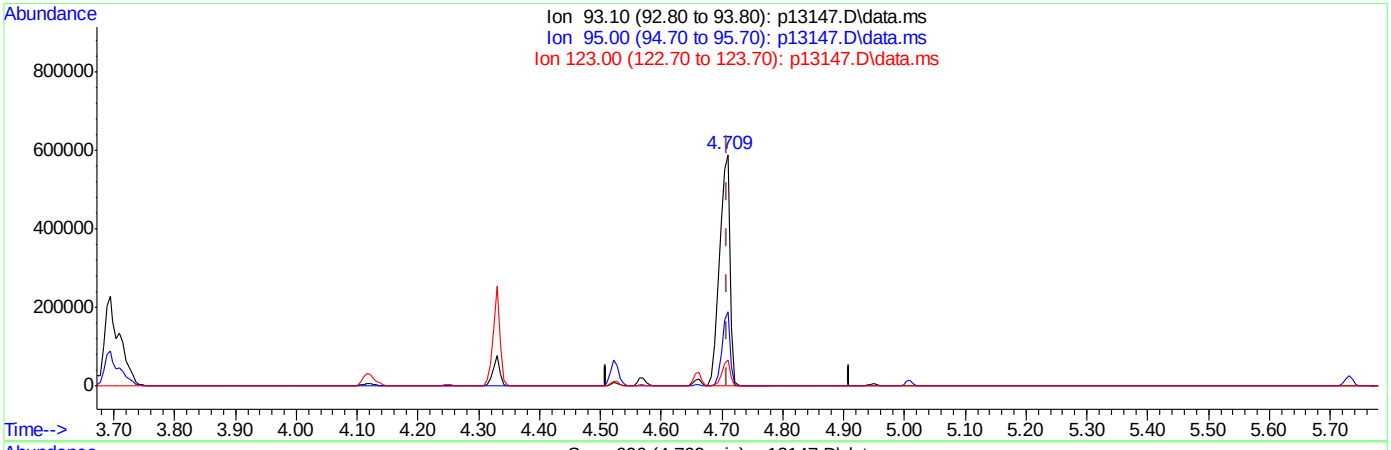
response 1739093

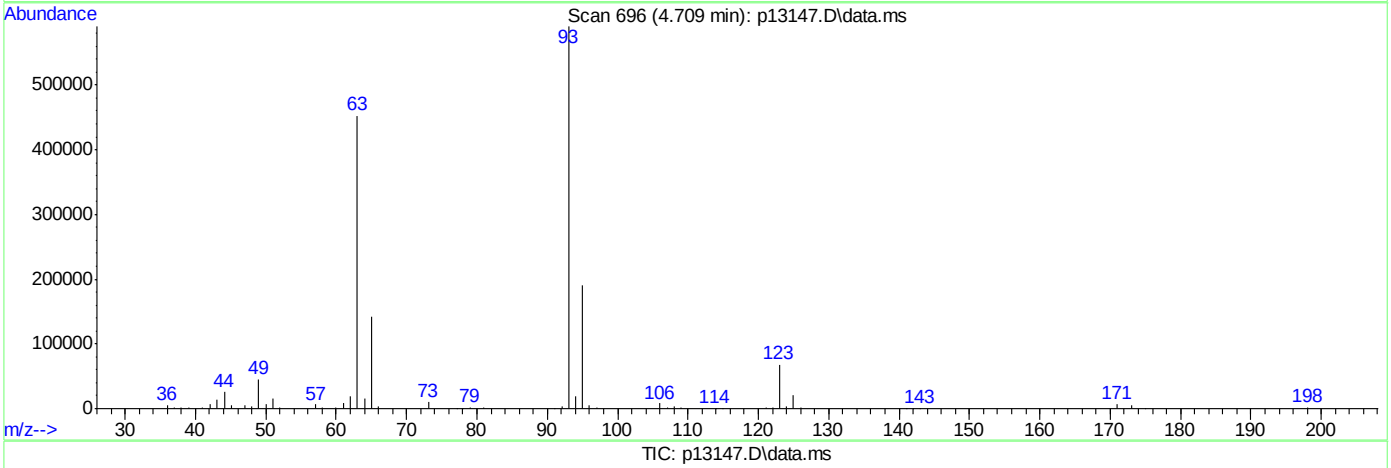
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.709min (-0.000) 35.03ppm

response 682874

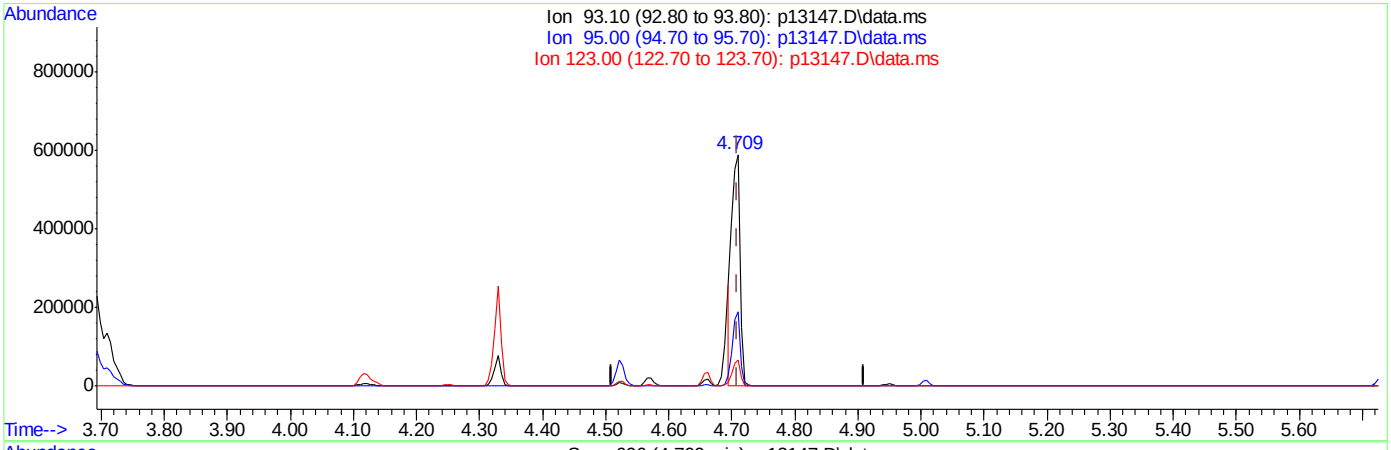
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.76
123.00	10.10	8.89
0.00	0.00	0.00

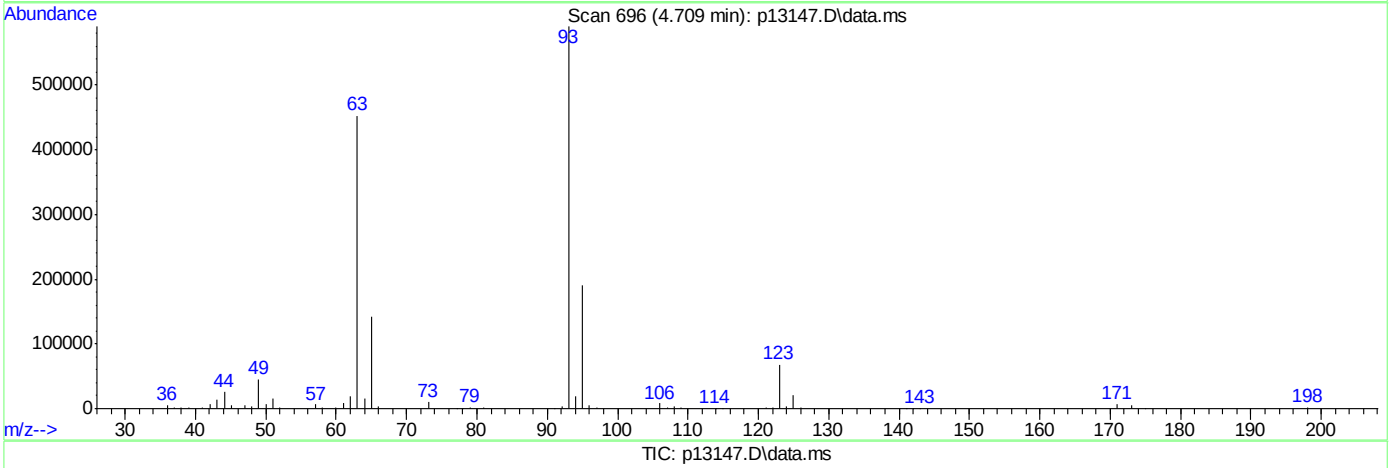
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.709min (-0.000) 28.41ppm m

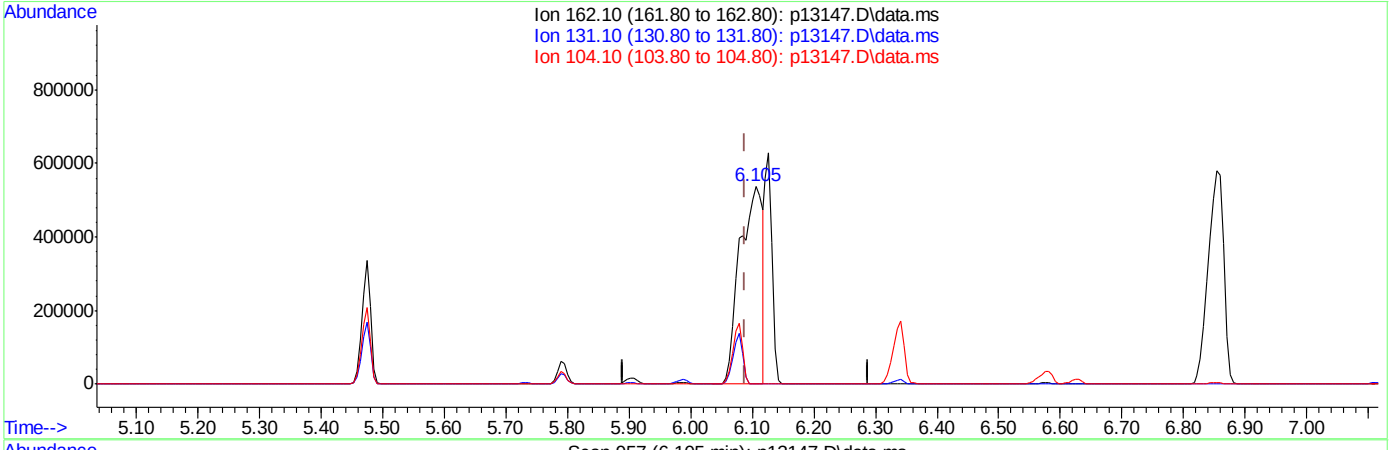
response 553748

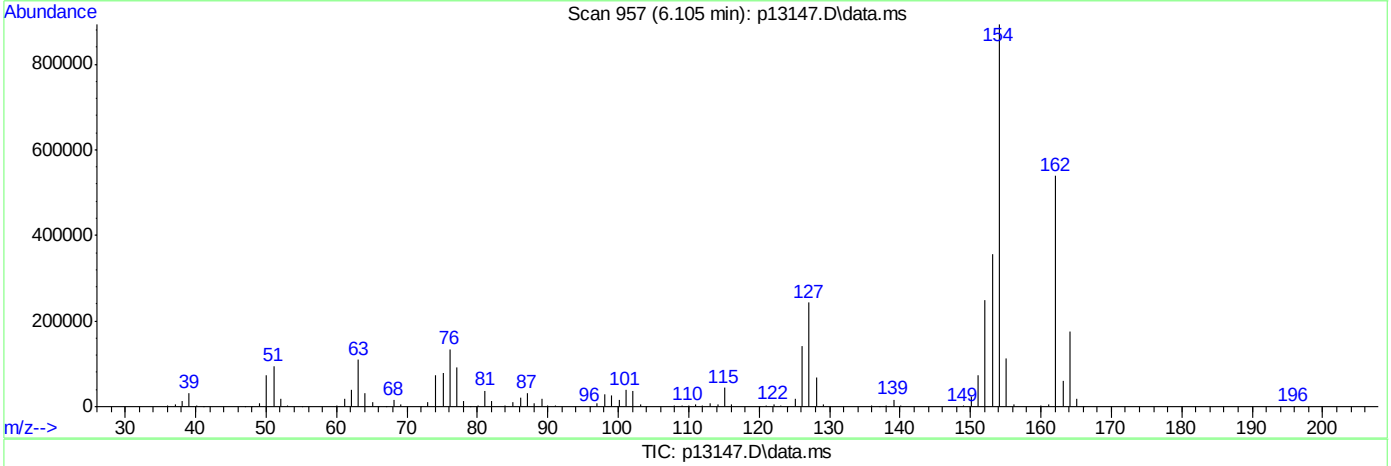
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	30.54
123.00	10.10	10.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(62) Safrole

6.105min (+0.016) 88.66ppm

response 1344756

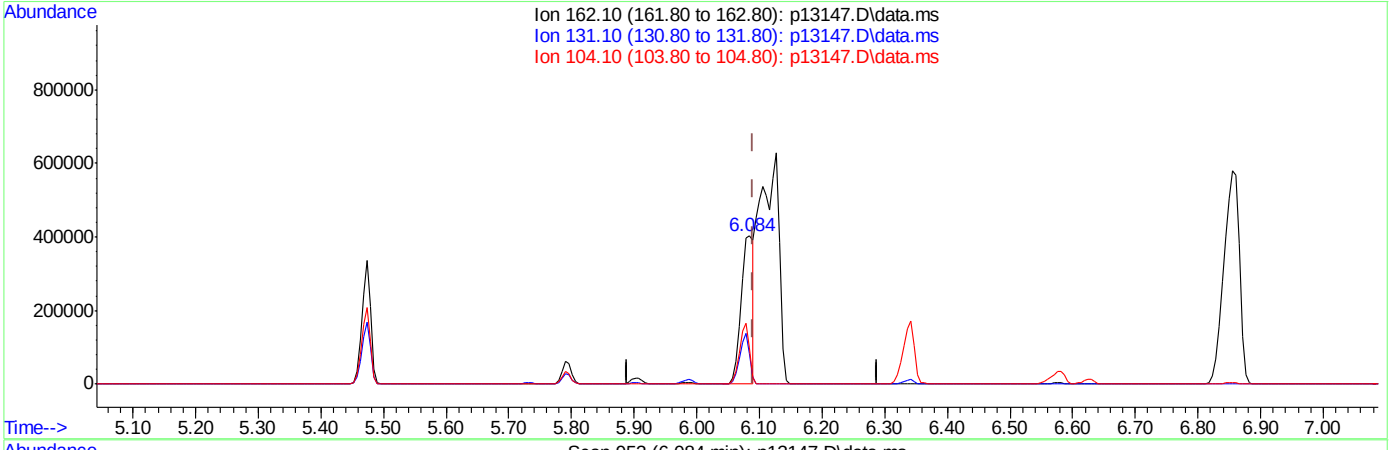
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	0.00#
104.10	31.70	0.00#
0.00	0.00	0.00

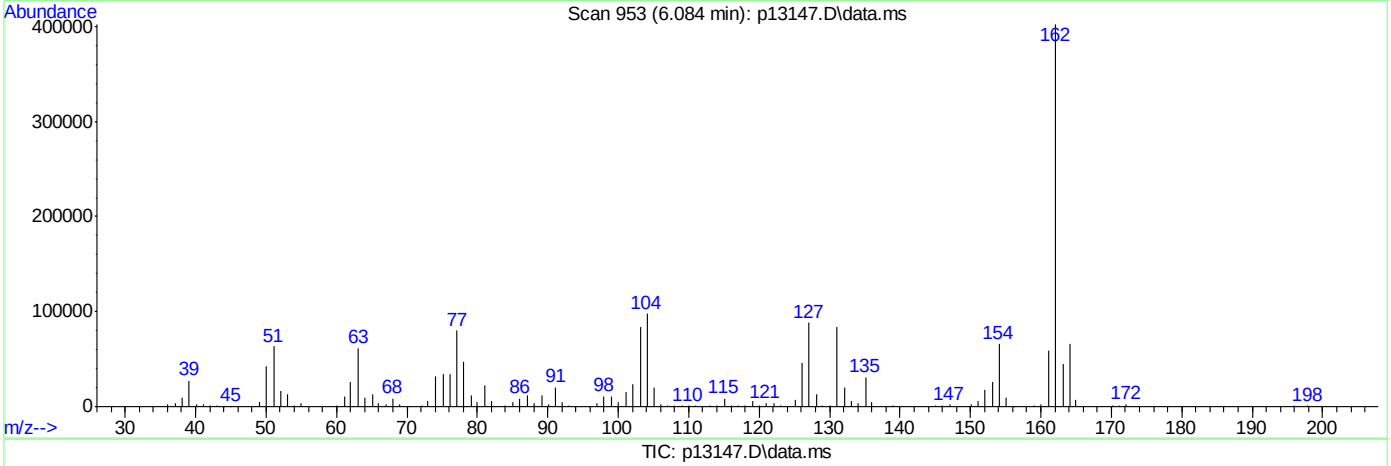
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(62) Safrole

6.084min (-0.005) 36.24ppm m

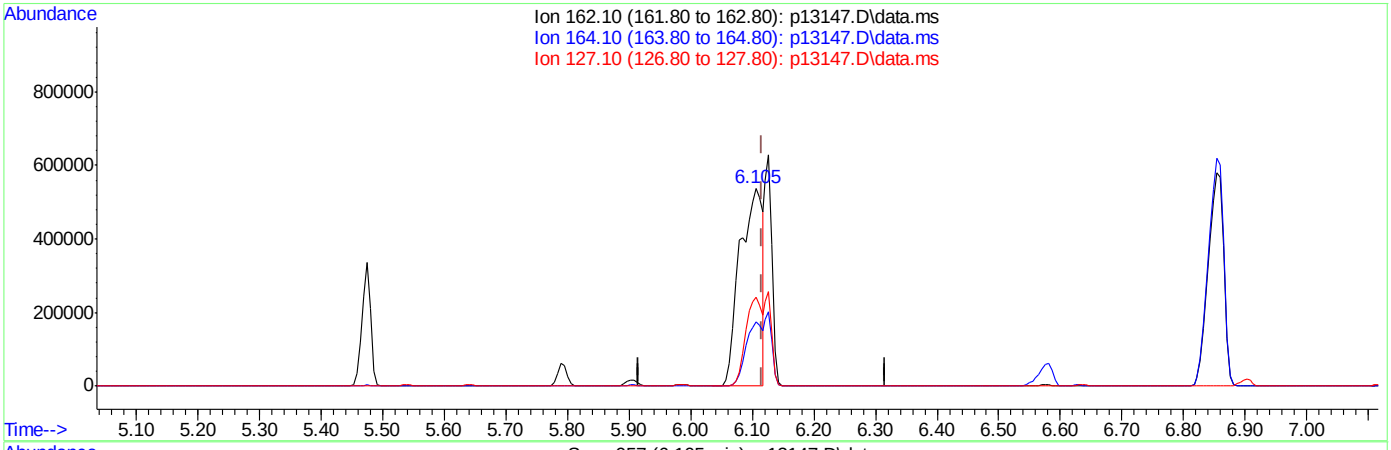
response 549736

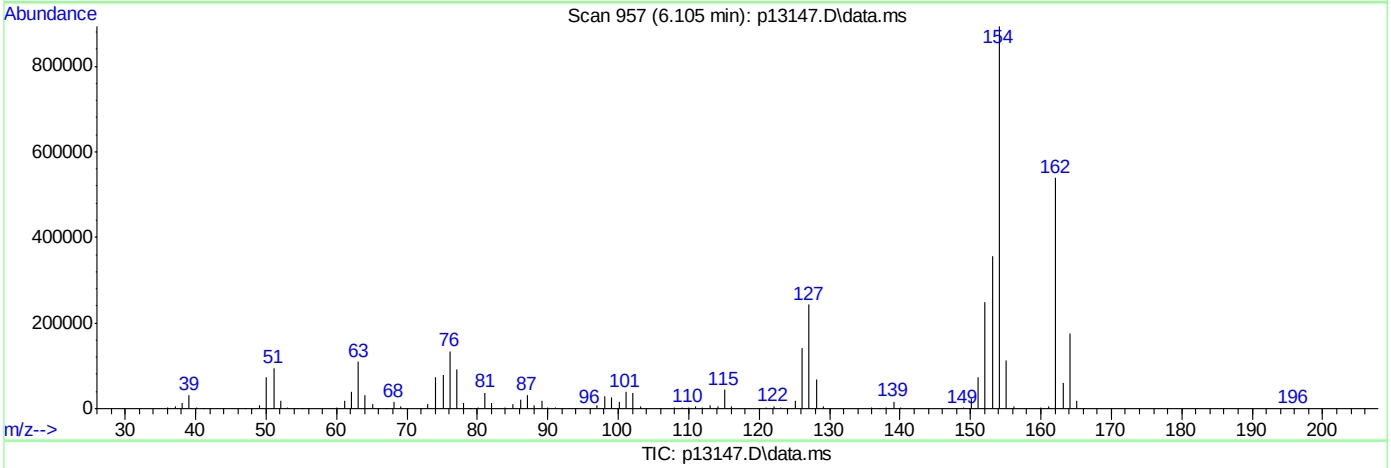
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	0.00#
104.10	31.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(64) 2-Chloronaphthalene

6.105min (-0.011) 46.84ppm

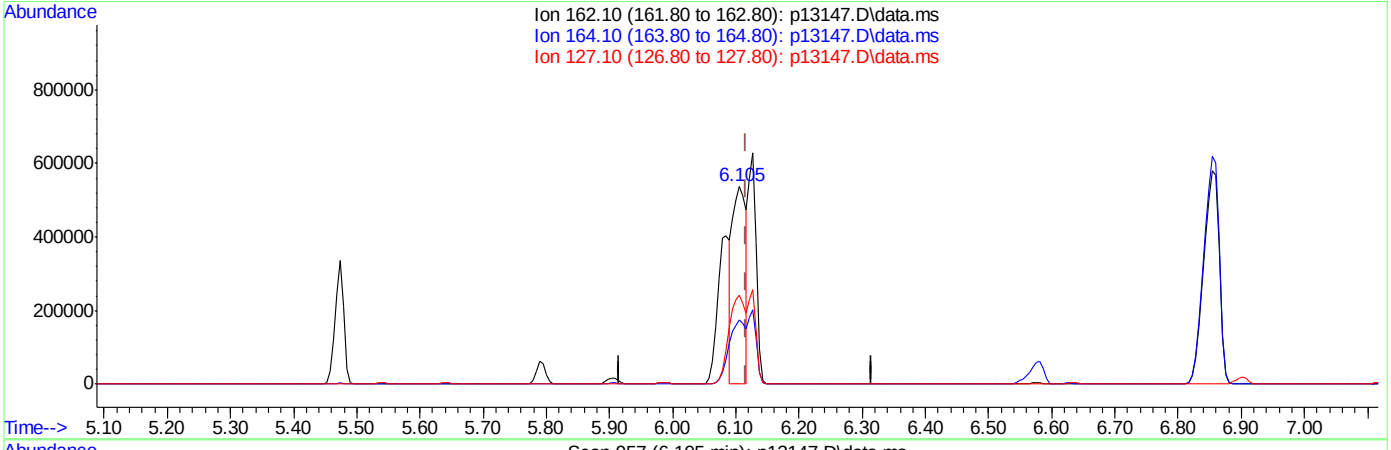
response 1344756

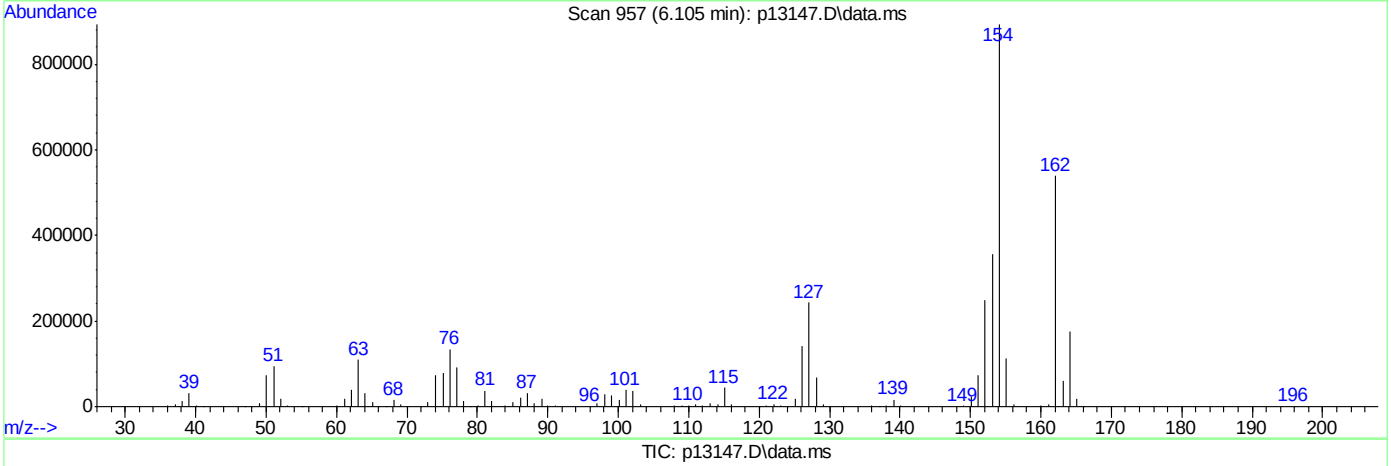
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	24.35
127.10	0.00	33.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
```





TIC: p13147.D\data.ms

(64) 2-Chloronaphthalene

6.105min (-0.011) 27.69ppm m

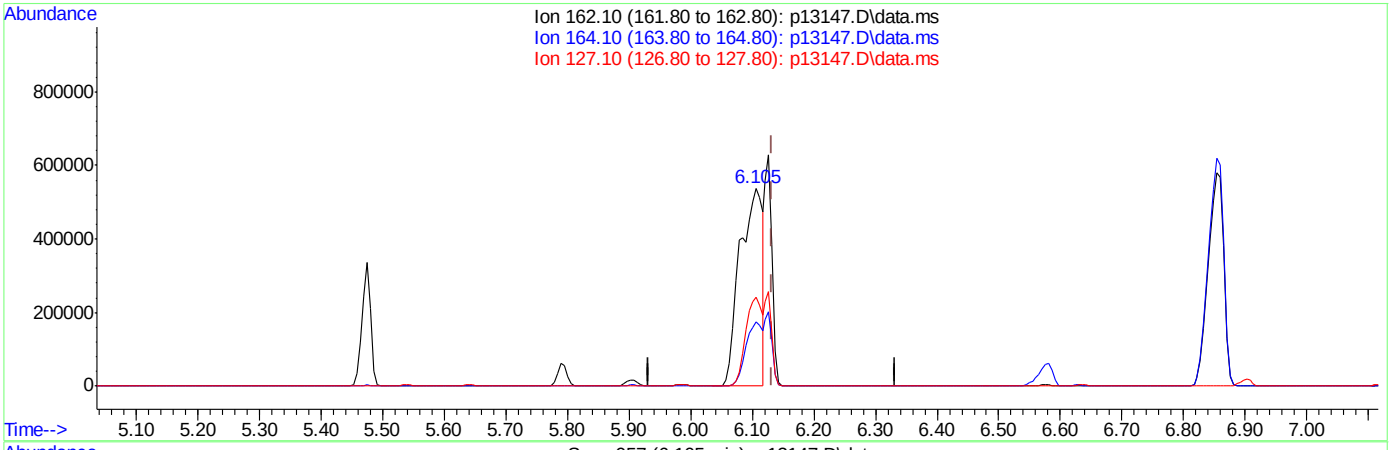
response 794804

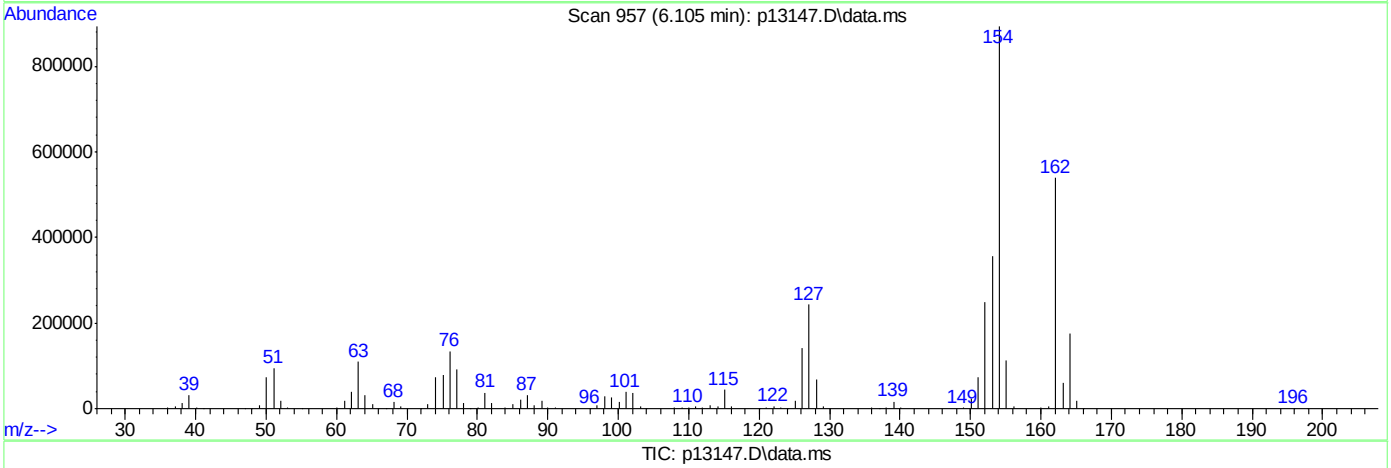
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	41.20#
127.10	0.00	55.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(65) 1-Chloronaphthalene

6.105min (-0.027) 60.19ppm

response 1344756

Ion	Exp%	Act%
162.10	100	100
164.10	0.00	24.35#
127.10	0.00	33.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On    :  4 Sep 2010  10:38 am
Operator  : garyj
Sample    : ic621-25
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 5   Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration
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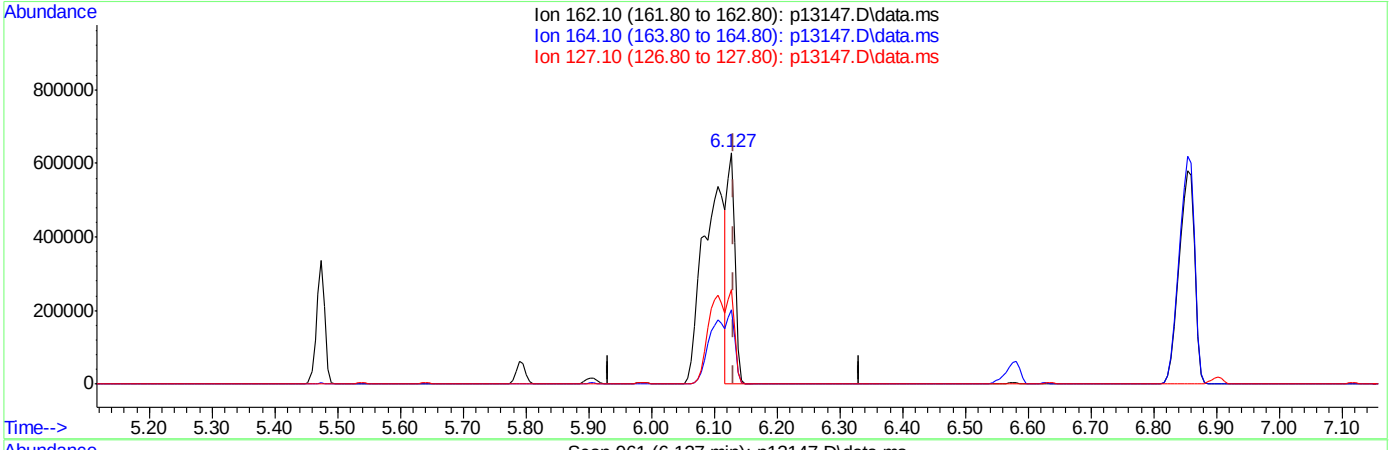
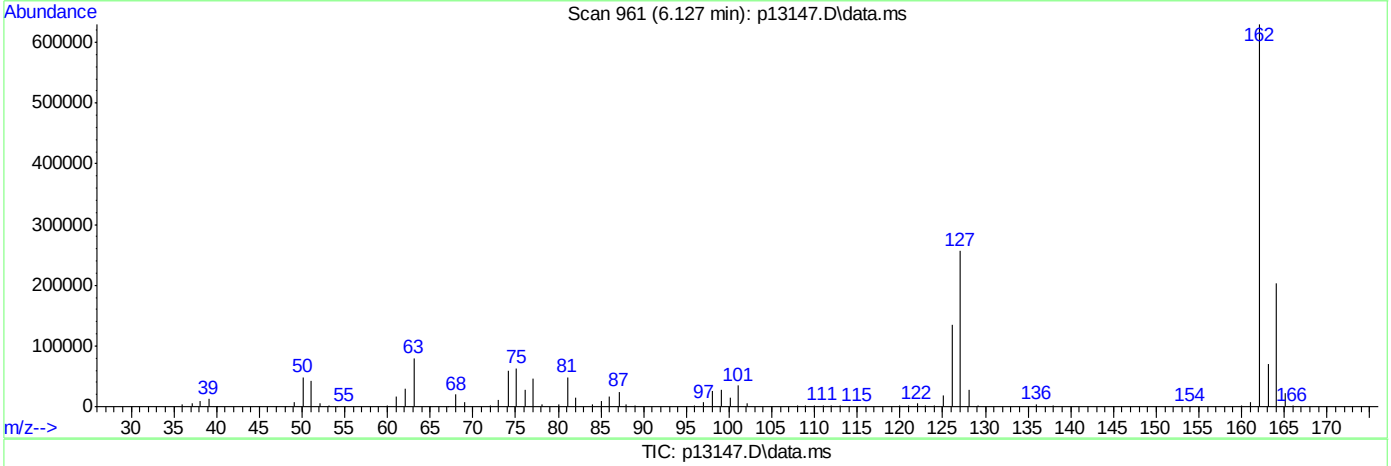




TIC: p13147.D\data.ms

(65) 1-Chloronaphthalene

6.127min (-0.005) 24.17ppm m

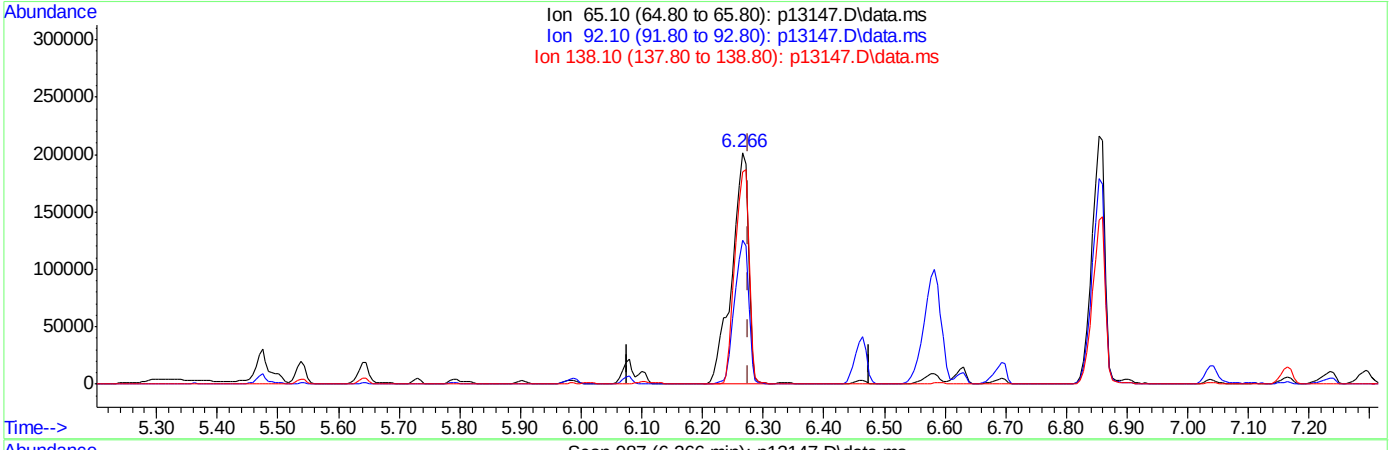
response 540018

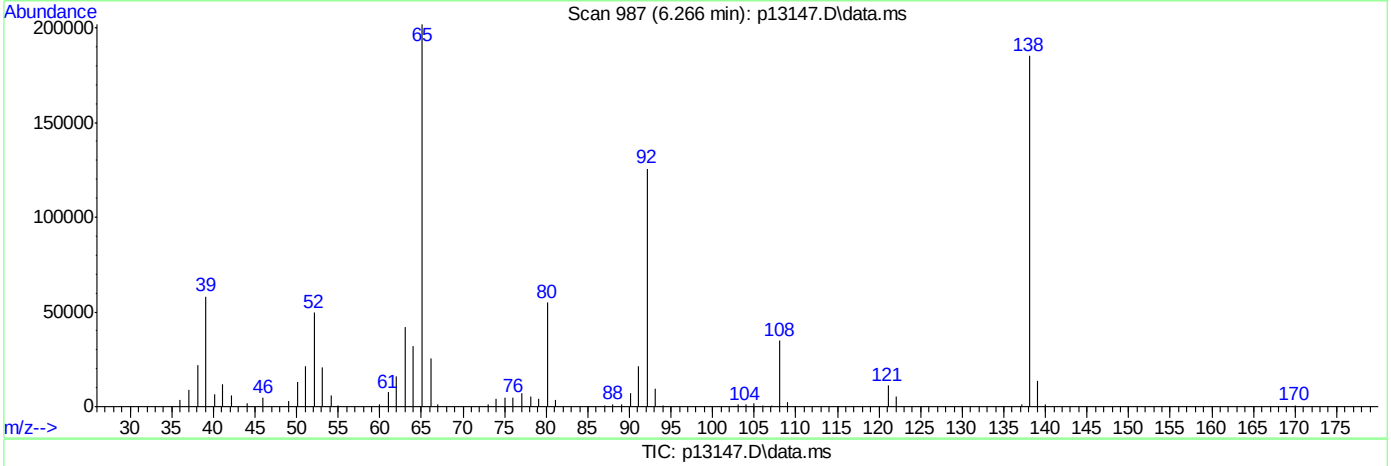
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	60.64#
127.10	0.00	82.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(66) 2-Nitroaniline

6.266min (-0.011) 36.66ppm

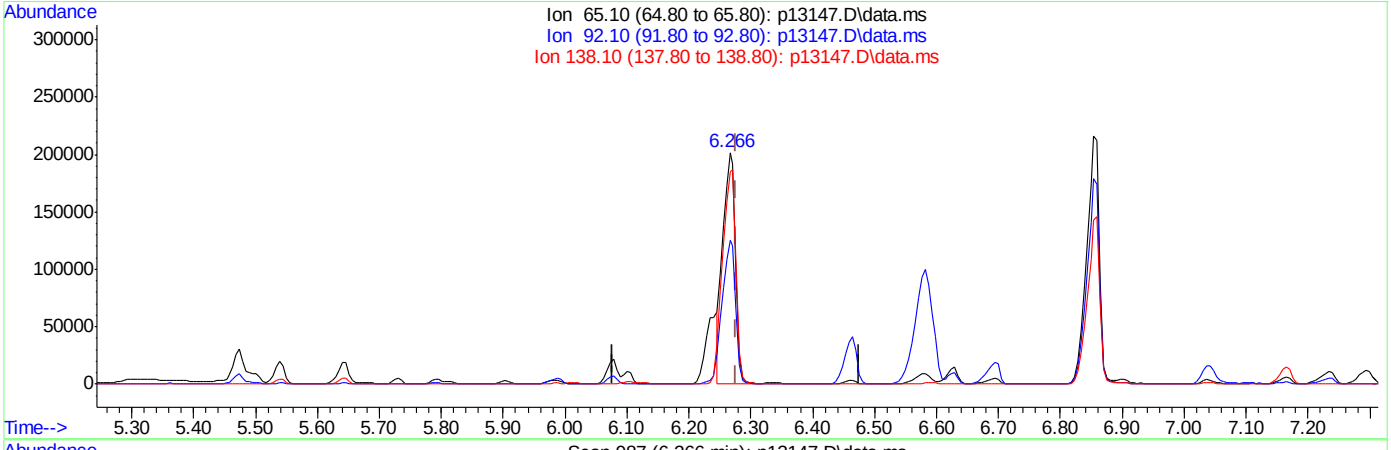
response 381466

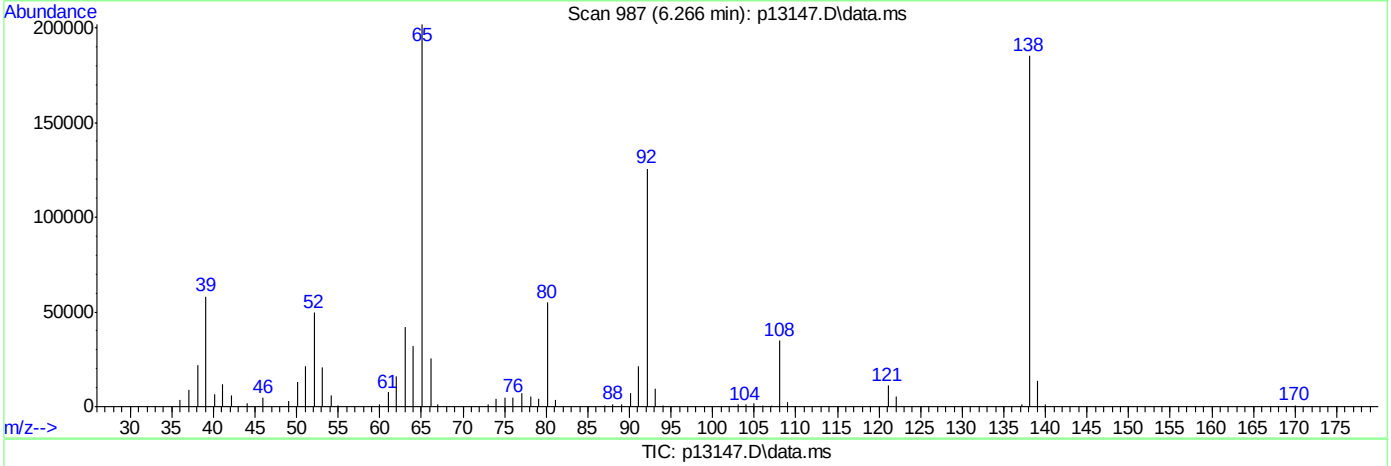
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	52.50
138.10	93.80	77.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13147.D
Acq On : 4 Sep 2010 10:38 am
Operator : garyj
Sample : ic621-25
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 04 11:08:29 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 10:36:06 2010
Response via : Initial Calibration





TIC: p13147.D\data.ms

(66) 2-Nitroaniline

6.266min (-0.011) 28.80ppm m

response 299673

Ion	Exp%	Act%
65.10	100	100
92.10	63.50	66.82
138.10	93.80	99.27
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.864	152	362654	40.00	ppm	0.00
31) Naphthalene-d8	4.870	136	1353672	40.00	ppm	0.00
57) Acenaphthene-d10	6.865	164	1003071	40.00	ppm	0.00
88) Phenanthrene-d10	9.395	188	1951476	40.00	ppm	0.02
118) Chrysene-d12	14.690	240	1807141	40.00	ppm	0.02
134) Perylene-d12	17.375	264	1085281	40.00	ppm	0.02
System Monitoring Compounds						
13) 2-Fluorophenol	2.853	112	2873192m	283.67	ppm	0.02
Spiked Amount 100.000	Range 10 - 66		Recovery = 283.67%#			
15) Phenol-d5	3.699	99	3521284	257.48	ppm	0.01
Spiked Amount 100.000	Range 10 - 53		Recovery = 257.48%#			
32) Nitrobenzene-d5	4.330	82	1757279	119.29	ppm	0.01
Spiked Amount 50.000	Range 29 - 115		Recovery = 238.58%#			
61) 2-Fluorobiphenyl	6.009	172	3476869	114.91	ppm	0.01
Spiked Amount 50.000	Range 34 - 113		Recovery = 229.82%#			
93) 2,4,6-Tribromophenol	8.191	330	1450050	333.93	ppm	0.03
Spiked Amount 100.000	Range 32 - 128		Recovery = 333.93%#			
121) Terphenyl-d14	12.679	244	4758615	147.21	ppm	0.02
Spiked Amount 50.000	Range 12 - 145		Recovery = 294.42%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.179	79	477727m	64.56	ppm	
3) 1,4-Dioxane	1.174	88	270471	68.87	ppm #	75
4) N-nitrosodimethylamine	1.447	42	394564	70.62	ppm	95
5) Pyridine	1.377	79	822351m	75.95	ppm	
6) 2-Picoline	2.190	93	840069m	73.71	ppm	
7) N-Nitrosomethylethylamine	2.361	42	526214m	71.57	ppm	
8) Methyl methanesulfonate	2.682	80	466536	70.96	ppm	100
9) N-Nitrosodiethylamine	3.030	102	417589	70.37	ppm	100
10) Ethyl methanesulfonate	3.324	79	685042	70.46	ppm	99
11) Benzaldehyde	3.517	106	204090	57.33	ppm	99
12) Aniline	3.629	93	1234104	67.45	ppm	98
14) bis(2-Chloroethyl)ether	3.699	93	861175m	65.84	ppm	
16) Phenol	3.709	94	968555	65.21	ppm	92
17) 2-Chlorophenol	3.731	128	772097	66.41	ppm	91
18) 1,3-Dichlorobenzene	3.816	146	945132	67.26	ppm	99
19) 1,4-Dichlorobenzene	3.875	146	964876	68.19	ppm	99
20) 1,2-Dichlorobenzene	3.998	146	893891	65.51	ppm	100
21) Benzyl alcohol	4.030	108	574802	69.11	ppm	100
22) bis(2-chloroisopropyl)...	4.121	45	1526124	59.49	ppm	98
23) 2-Methylphenol	4.201	108	788747m	66.94	ppm	
24) N-Nitrosopyrrolidine	4.255	100	440859	61.19	ppm #	34
25) N-Nitrosomorpholine	4.265	56	558536	52.12	ppm	94
26) o-Toluidine	4.244	106	1331180	63.21	ppm #	39
27) Acetophenone	4.223	105	1124807	63.58	ppm	100
28) Hexachloroethane	4.249	117	359101	60.09	ppm	93
29) N-Nitroso-di-n-propyla...	4.271	70	608523m	60.86	ppm	
30) 3&4-Methylphenol	4.298	108	809548	66.29	ppm	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	4.346	77	907798	58.79	ppm		98
34) N-Nitrosopiperidine	4.469	42	771896	61.00	ppm		100
35) A,A-Dimethylphenethyla...	5.854	58	4059122m	79.45	ppm		
36) Isophorone	4.544	82	1921135	64.23	ppm		100
37) 2-Nitrophenol	4.576	139	405637	71.71	ppm		99
38) 2,4-Dimethylphenol	4.677	107	887358	62.90	ppm		99
39) bis(2-Chloroethoxy)met...	4.720	93	1217057m	67.31	ppm		
40) O,O,O-Triethyl phospho...	4.709	121	385353	59.19	ppm		95
41) Benzoic Acid	4.875	105	342627	166.55	ppm	#	70
42) 2,4-Dichlorophenol	4.800	162	684270	67.48	ppm		99
43) 1,2,4-Trichlorobenzene	4.827	180	821309	64.52	ppm		99
44) Naphthalene	4.886	128	2259145	59.87	ppm		100
45) 4-Chloroaniline	4.966	127	978894	64.46	ppm		91
46) 2,6-Dichlorophenol	4.977	162	683193	67.69	ppm		98
47) Hexachloropropene	4.966	213	370731	87.56	ppm		99
48) Hexachlorobutadiene	5.014	225	536356	67.11	ppm		99
49) p-Phenylenediamine	5.330	108	332299m	111.90	ppm		
50) Caprolactam	5.405	113	342444	72.12	ppm		99
51) N-Nitrosodi-n-butylamine	5.292	84	742381	61.81	ppm		99
52) 4-Chloro-3-methylphenol	5.517	107	812578	68.80	ppm		96
53) Isosafrole	5.485	162	678099	64.46	ppm		98
54) 2-Methylnaphthalene	5.555	142	1595049	58.91	ppm		95
55) 1-Methylnaphthalene	5.656	142	1583758	59.66	ppm		99
56) 1,2,4,5-Tetrachloroben...	5.747	216	857108	67.45	ppm		100
58) Hexachlorocyclopentadiene	5.742	237	252030	123.84	ppm	#	100
59) 2,4,6-Trichlorophenol	5.929	196	551383	72.05	ppm		100
60) 2,4,5-Trichlorophenol	6.004	196	521083	71.22	ppm		99
62) Safrole	6.105	162	1737162	109.23	ppm	#	80
63) 1,1'-Biphenyl	6.127	154	1822678	55.20	ppm		100
64) 2-Chloronaphthalene	6.132	162	1527282m	54.97	ppm		
65) 1-Chloronaphthalene	6.148	162	882192m	42.24	ppm		
66) 2-Nitroaniline	6.298	65	678237m	66.63	ppm		
67) 1,4-Naphthoquinone	6.362	158	608512	52.87	ppm		99
68) Acenaphthylene	6.662	152	2602276	56.85	ppm		100
69) Dimethylphthalate	6.619	163	2181779	63.02	ppm		100
70) m-Dinitrobenzene	6.496	168	341413	69.76	ppm		99
71) 2,6-Dinitrotoluene	6.662	165	476320	62.50	ppm		92
72) Acenaphthene	6.924	153	1679442	57.00	ppm		100
73) 3-Nitroaniline	6.897	138	499921	72.13	ppm	#	99
74) 2,4-Dinitrophenol	7.090	184	266633	109.03	ppm		98
75) Dibenzofuran	7.191	168	2449735	59.60	ppm		100
76) Pentachlorobenzene	7.138	250	815771	66.17	ppm		100
77) 2,4-Dinitrotoluene	7.287	165	691547	66.53	ppm		97
78) 4-Nitrophenol	7.378	109	334014	94.19	ppm	#	55
79) 1-Naphthylamine	7.325	143	1426554	89.45	ppm		98
80) 2-Naphthylamine	7.475	143	1242304	92.79	ppm		99
81) 2,3,4,6-Tetrachlorophenol	7.448	232	508421	79.98	ppm		99
82) Fluorene	7.737	166	2033343	58.59	ppm		100
83) 4-Chlorophenyl-phenyle...	7.790	204	1073388	63.77	ppm		99
84) Diethylphthalate	7.726	149	2249890	58.60	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.886	152	662960	85.56	ppm		98
86)	Thionazin	7.870	97	601665	64.01	ppm		98
87)	4-Nitroaniline	7.908	138	570557m	94.45	ppm		
89)	4,6-Dinitro-2-methylph...	7.988	198	376950	85.33	ppm		94
90)	n-Nitrosodiphenylamine	8.042	169	1809486	57.70	ppm		97
91)	1,2-Diphenylhydrazine	8.068	77	2680688	58.08	ppm		99
92)	Diphenylamine	8.042	169	1809486	57.70	ppm		97
94)	Tetraethyl dithiopyrop...	8.443	97	467076	58.35	ppm		92
95)	sym-Trinitrobenzene	8.780	213	289335m	70.15	ppm		
96)	Diallate	8.587	43	978317	46.39	ppm		91
97)	Phorate	8.603	75	1539256	59.07	ppm		99
98)	4-Bromophenyl-phenylether	8.646	248	673580	63.68	ppm		97
99)	Phenacetin	8.833	108	1368413m	67.15	ppm		
100)	Hexachlorobenzene	8.716	284	735192	65.69	ppm		97
101)	Dimethoate	8.951	87	766326	47.03	ppm		99
102)	Atrazine	9.143	200	378235	43.98	ppm		94
103)	4-aminobiphenyl	9.159	169	1955179	62.74	ppm		99
104)	Pentachlorophenol	9.181	266	363590	98.04	ppm		100
105)	Pentachloronitrobenzene	9.122	237	327827m	62.78	ppm		
106)	Pronamide	9.422	173	1072337	61.39	ppm		96
107)	Phenanthrene	9.448	178	3053538	56.66	ppm		100
108)	Anthracene	9.545	178	3126592	57.95	ppm		100
109)	Disulfoton	9.566	88	1473070	62.23	ppm		100
110)	Carbazole	9.919	167	3127771	60.18	ppm		99
111)	Methyl parathion	10.261	109	738166	50.50	ppm		99
112)	Di-n-butylphthalate	10.812	149	4323440	55.40	ppm		100
113)	4-Nitroquinoline 1-Oxide	11.010	190	298076	87.10	ppm		100
114)	Parathion	11.096	97	657174	60.38	ppm		98
115)	Methapyrilene	11.278	58	528119	62.05	ppm	#	100
116)	Isodrin	11.411	193	452857	59.63	ppm		98
117)	Fluoranthene	11.748	202	3635494	59.02	ppm		100
119)	Benzidine	12.155	184	1029833	69.29	ppm		99
120)	Pyrene	12.171	202	3818345	67.25	ppm		99
122)	Aramite	12.946	185	268445	63.62	ppm		85
123)	p-(Dimethylamine)azobe...	12.984	120	1244047	67.94	ppm		98
124)	Chlorobenzilate	13.139	139	1373895	67.13	ppm		96
126)	3,3'-Dimethylbenzidine	13.663	212	1193527	70.27	ppm		100
127)	Famphur	13.620	218	45338	6.50	ppm	#	100
128)	Butylbenzylphthalate	13.807	149	1936878	63.77	ppm		100
129)	2-Acetylaminofluorene	14.246	181	1083168	64.57	ppm		97
130)	3,3'-Dichlorobenzidine	14.738	252	945894	84.51	ppm		99
131)	Benzo[a]anthracene	14.658	228	3125786	64.00	ppm		100
132)	Chrysene	14.754	228	2797972	61.10	ppm		99
133)	bis(2-Ethylhexyl)phtha...	15.118	149	2638937	62.80	ppm		99
135)	Di-n-octylphthalate	16.391	149	3751782	62.73	ppm		99
136)	Benzo[b]fluoranthene	16.760	252	2415630	67.92	ppm		100
137)	Benzo[k]fluoranthene	16.803	252	2009911m	56.29	ppm		
138)	7,12-Dimethylbenz(a)an...	16.738	256	1004728	92.97	ppm		99
140)	Benzo[a]pyrene	17.284	252	1956447	62.77	ppm		100
141)	3-Methylcholanthrene	17.926	268	970745	70.05	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.097	276	1421873m	76.99 ppm	
143) Dibenz[a,h]anthracene	19.151	278	1420931	69.33 ppm	97
144) Benzo[g,h,i]perylene	19.466	276	1317327	65.08 ppm	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.6.14

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
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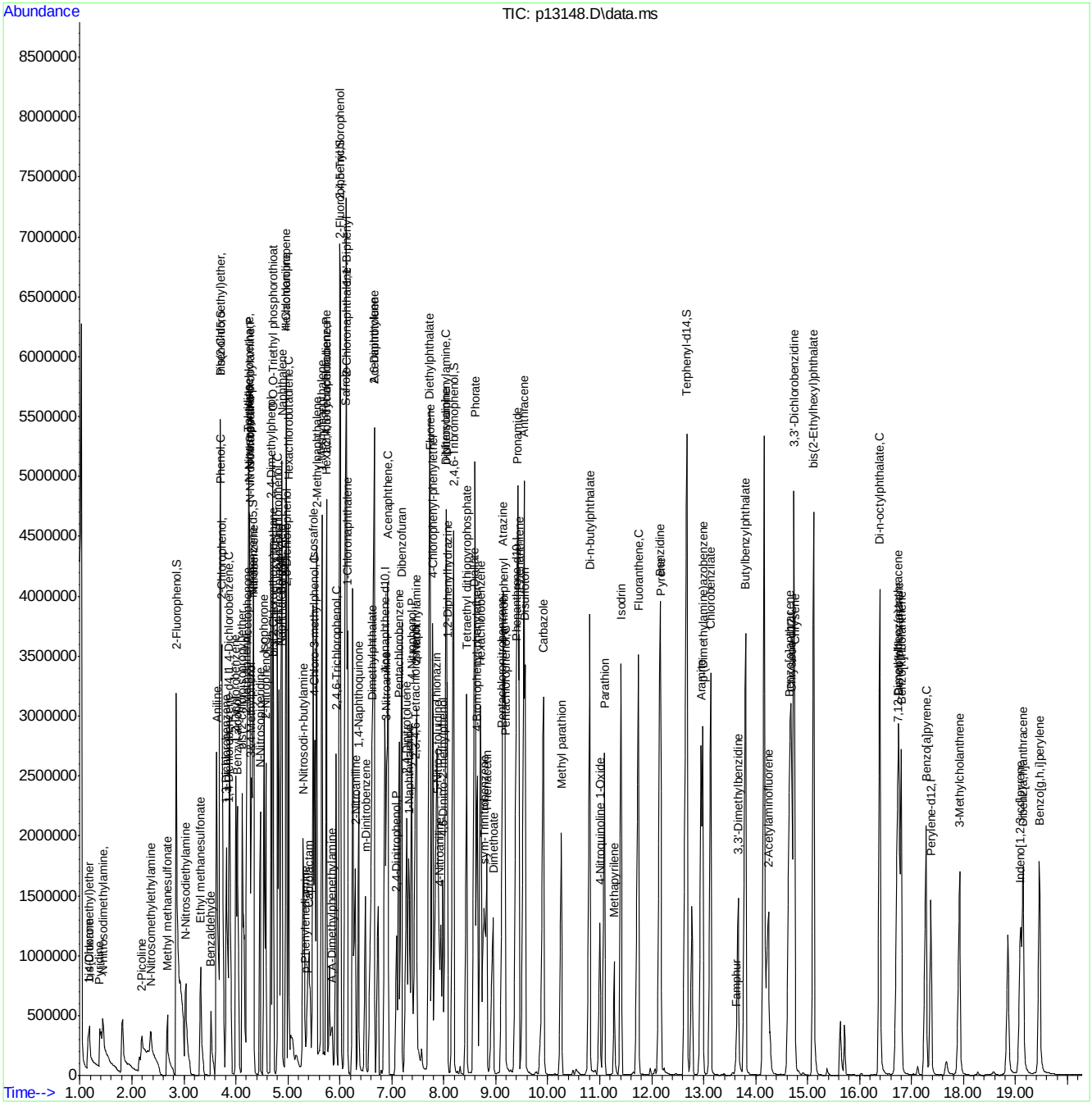
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

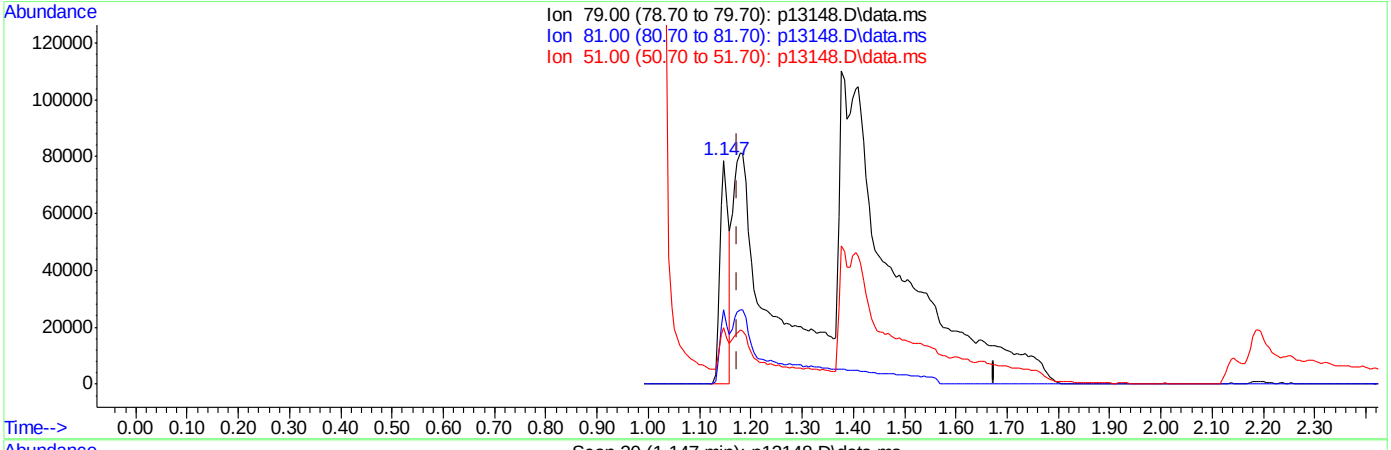
Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration

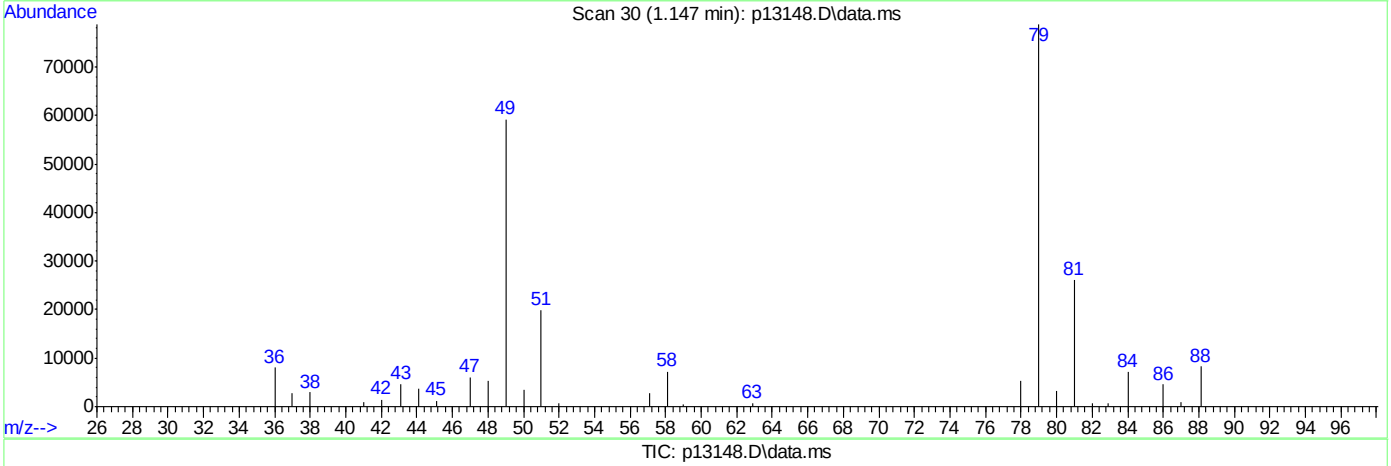


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(2) bis(Chloromethyl)ether

1.147min (-0.027) 12.31ppm

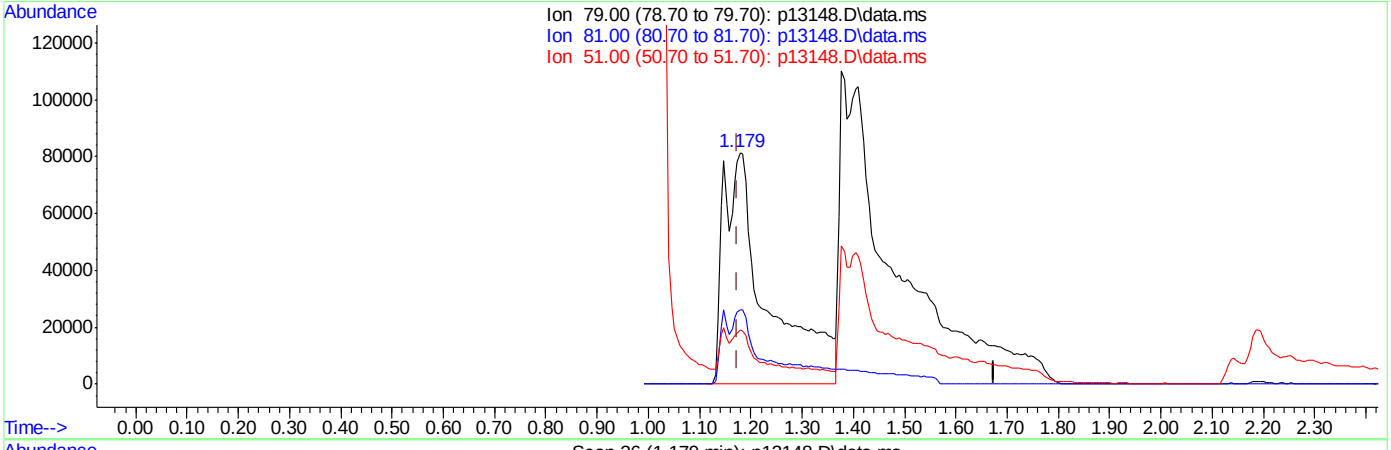
response 91091

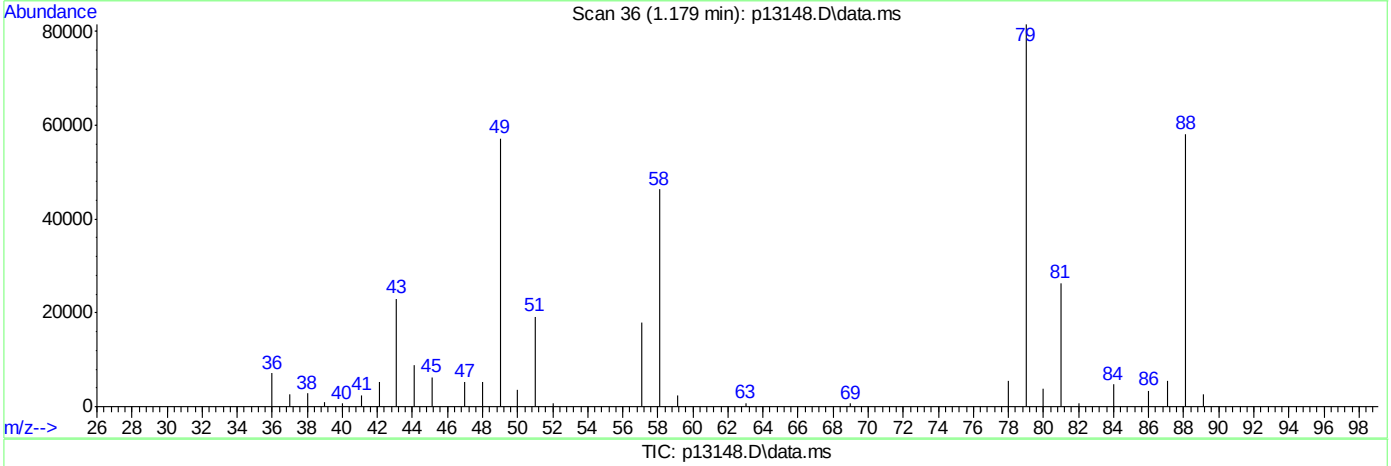
Ion	Exp%	Act%
79.00	100	100
81.00	30.10	32.74
51.00	0.00	18.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(2) bis(Chloromethyl)ether

1.179min (+0.005) 64.56ppm m

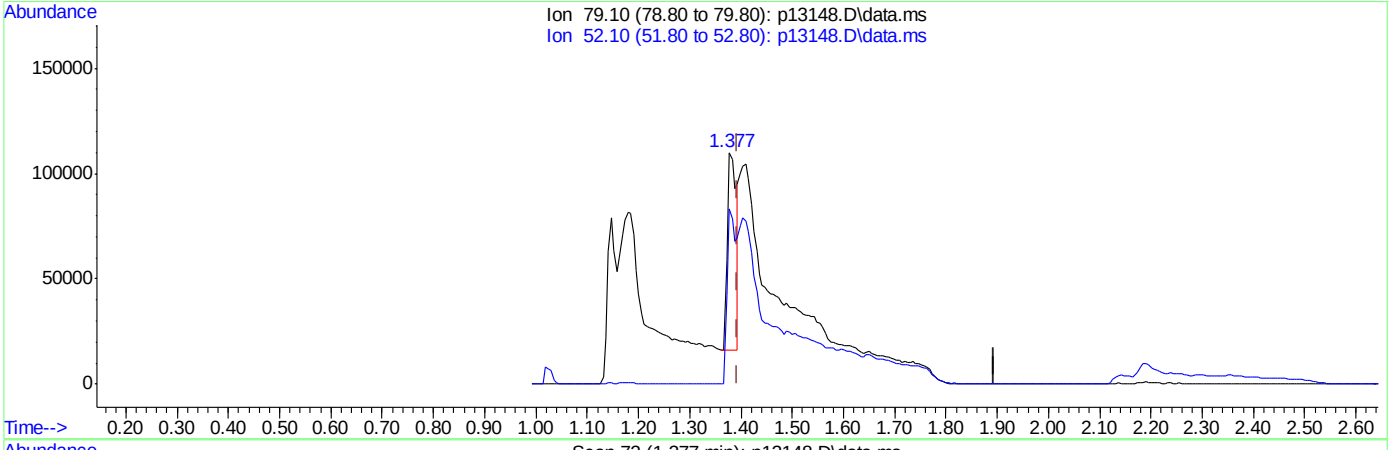
response 477727

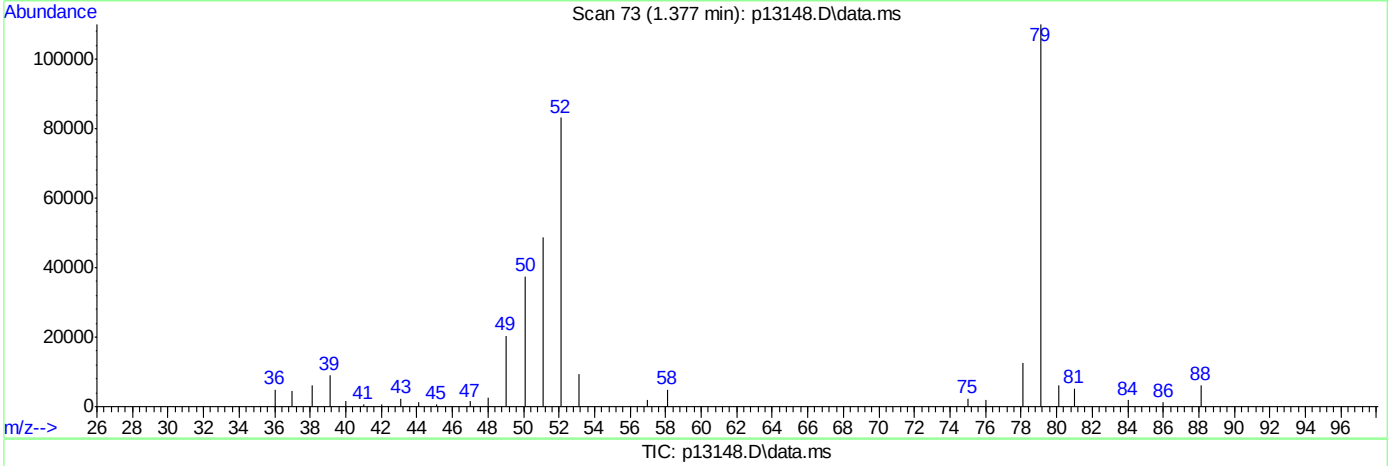
Ion	Exp%	Act%
79.00	100	100
81.00	30.10	6.24#
51.00	0.00	3.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(5) Pyridine ( )

1.377min (-0.016) 11.36ppm

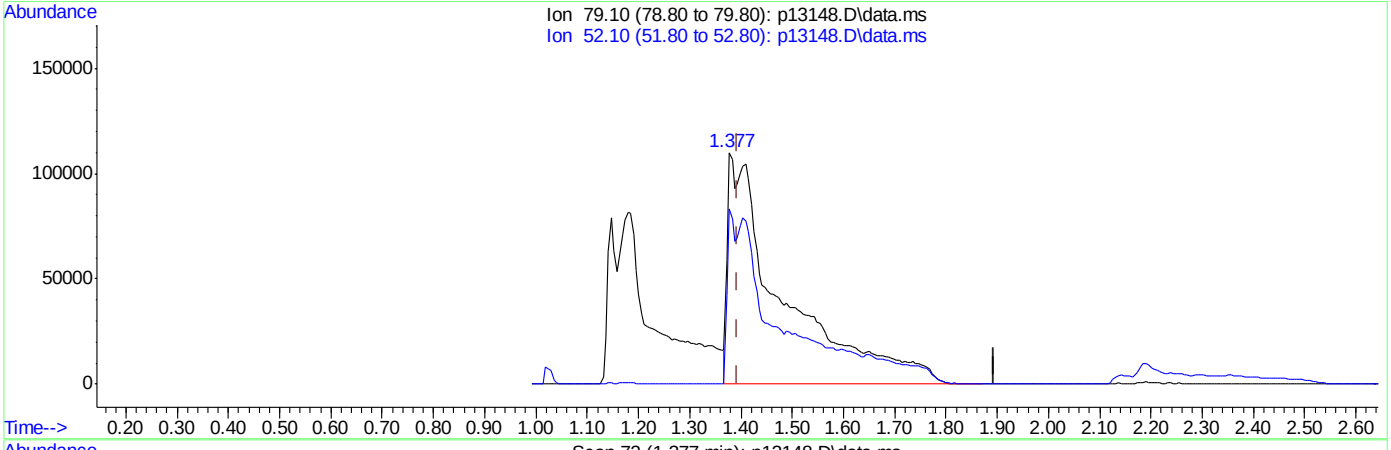
response 123036

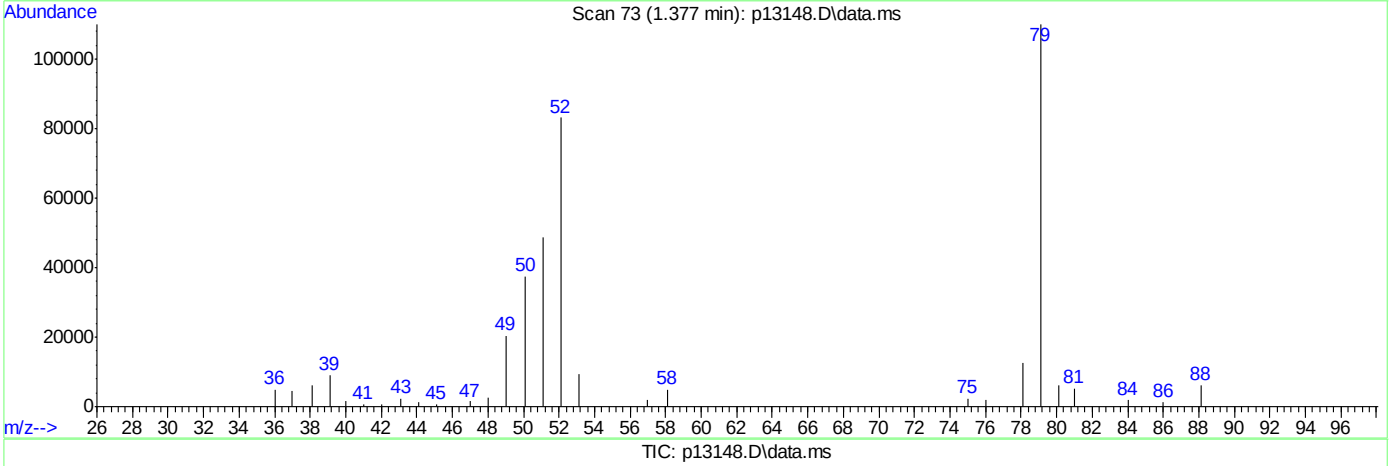
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	70.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(5) Pyridine ( )

1.377min (-0.016) 75.95ppm m

response 822351

Ion	Exp%	Act%
79.10	100	100
52.10	62.20	10.59#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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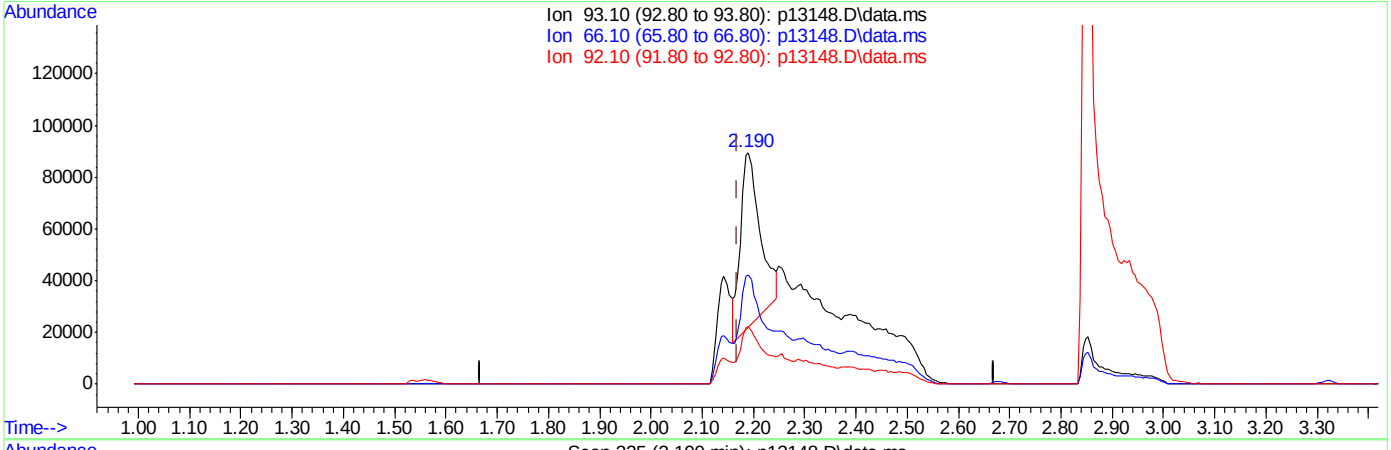

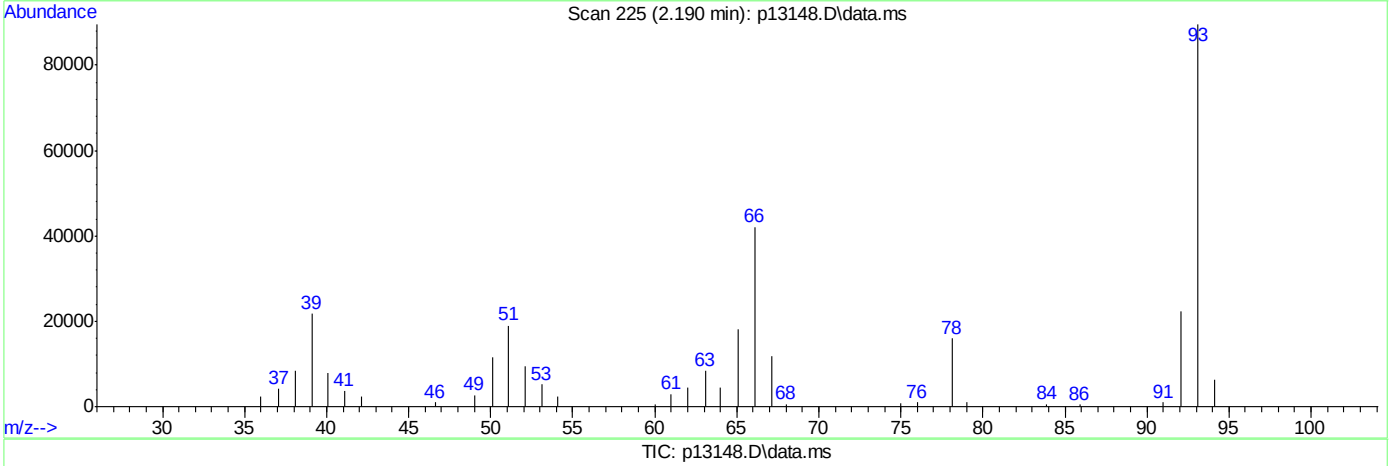

(6) 2-Picoline

2.190min (+0.021) 15.74ppm

response 179428

Ion	Exp%	Act%
93.10	100	100
66.10	20.30	46.39#
92.10	0.00	24.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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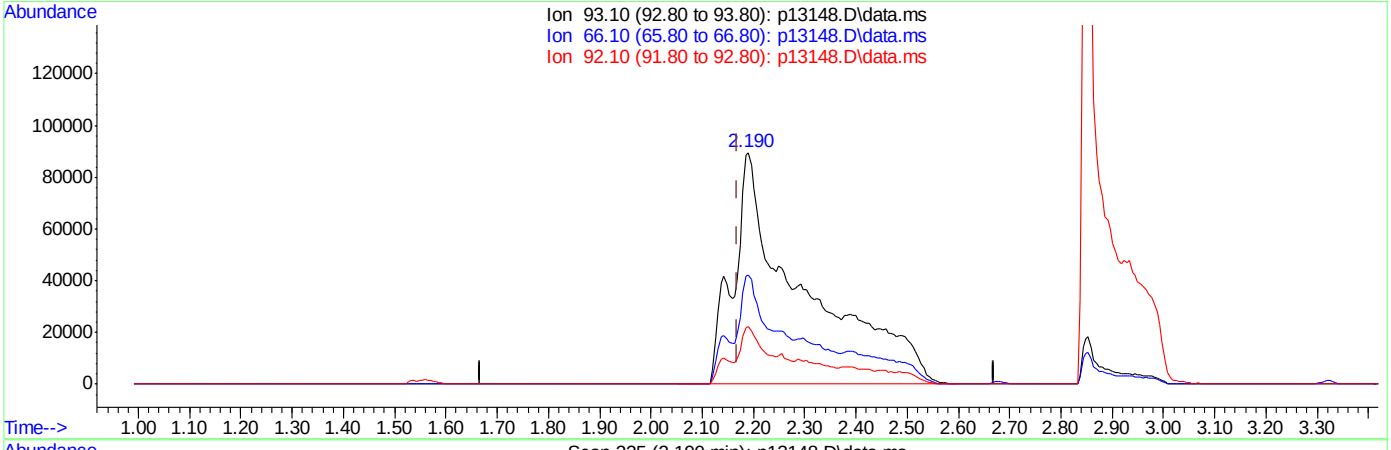

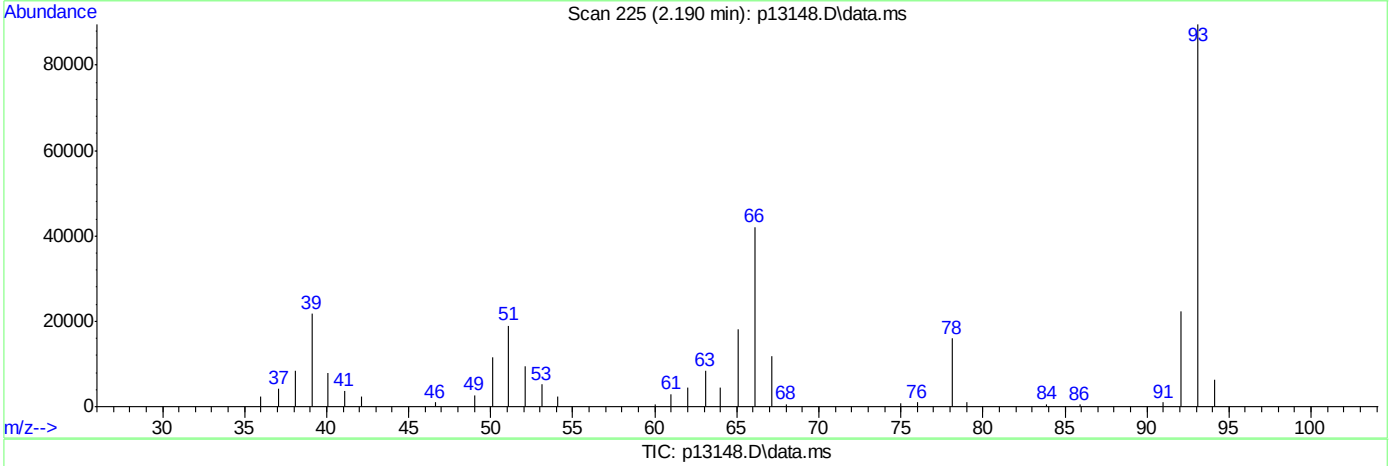

(6) 2-Picoline

2.190min (+0.021) 73.71ppm m

response 840069

Ion	Exp%	Act%
93.10	100	100
66.10	20.30	9.91#
92.10	0.00	5.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
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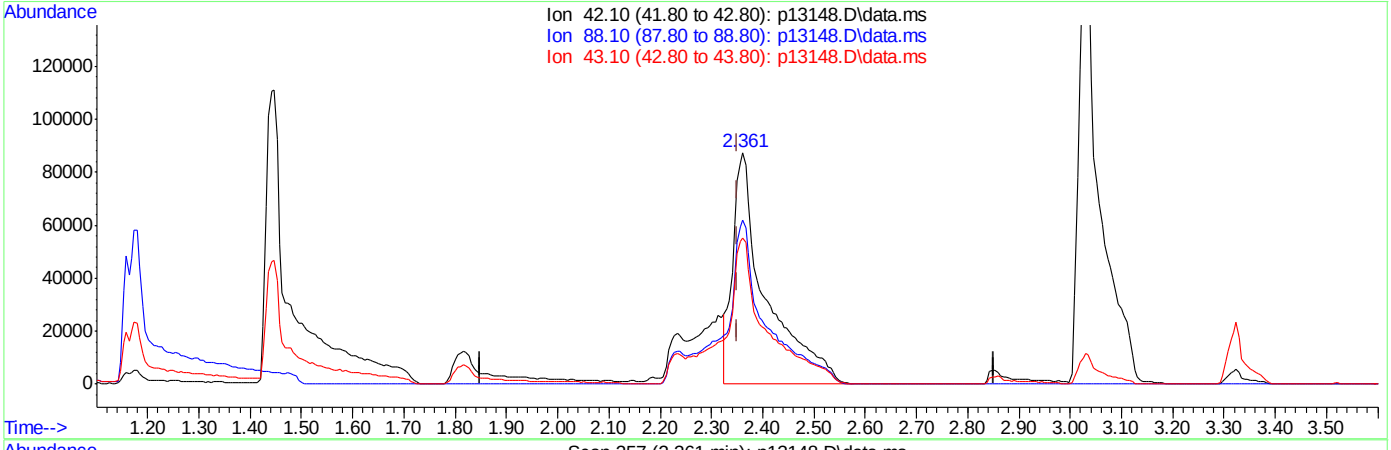
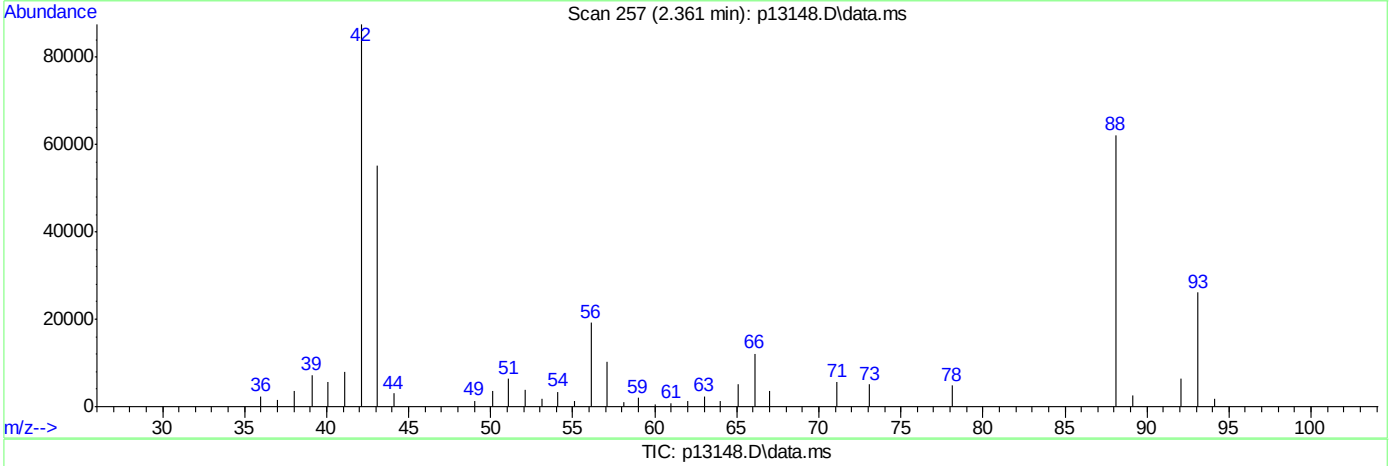




TIC: p13148.D\data.ms

(7) N-Nitrosomethylethylamine

2.361min (+0.011) 53.21ppm

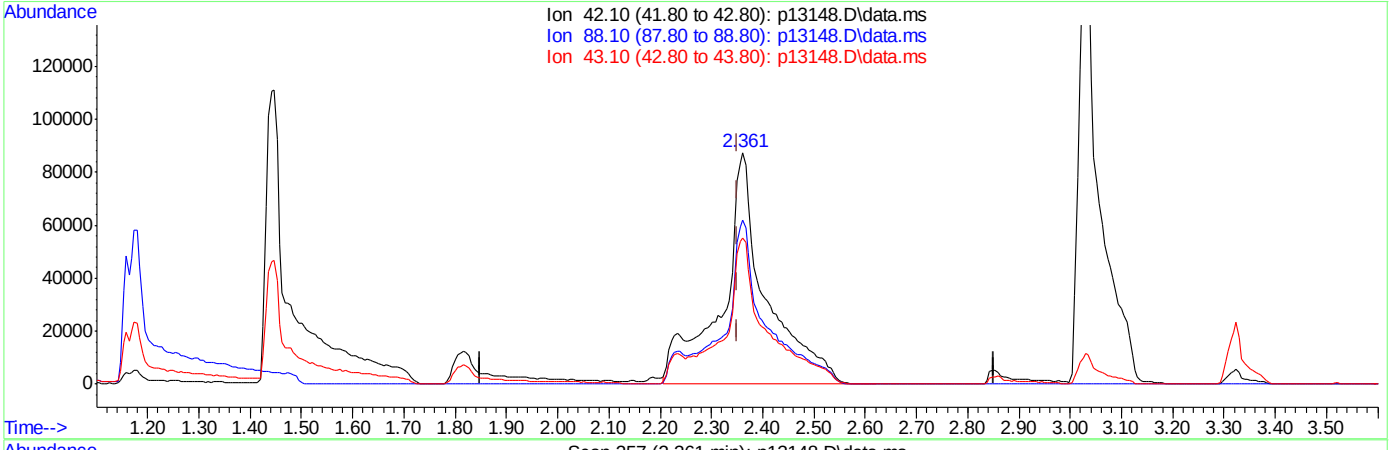
response 391190

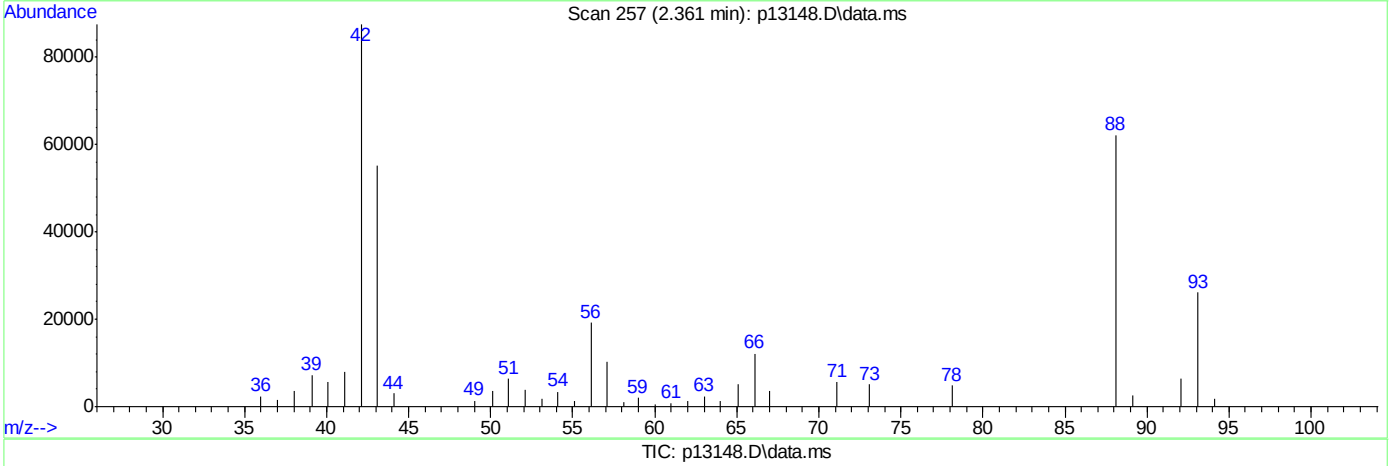
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	69.82#
43.10	46.60	63.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(7) N-Nitrosomethylethylamine

2.361min (+0.011) 71.57ppm m

response 526214

Ion	Exp%	Act%
42.10	100	100
88.10	51.10	51.91
43.10	46.60	47.30
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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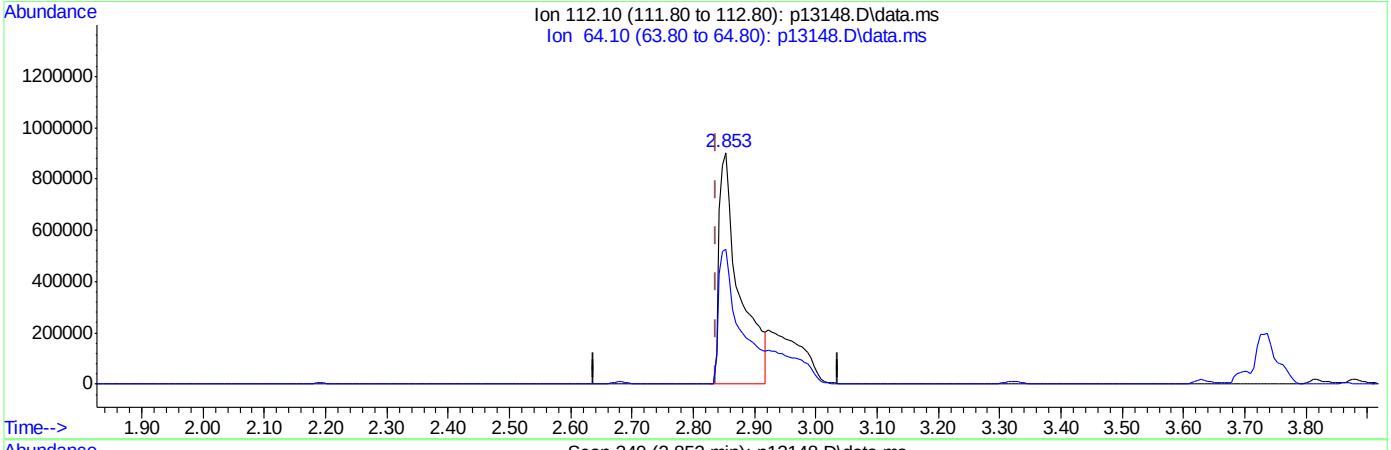

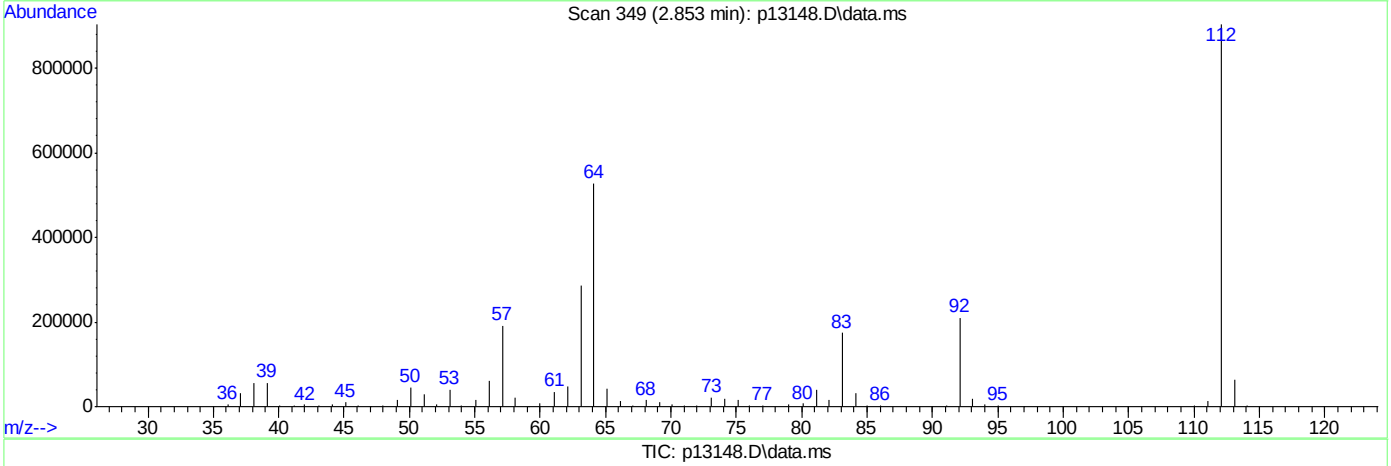

TIC: p13148.D\data.ms

(13) 2-Fluorophenol (S)

2.853min (+0.016) 205.11ppm

response 2077441

Ion	Exp%	Act%
112.10	100	100
64.10	47.90	61.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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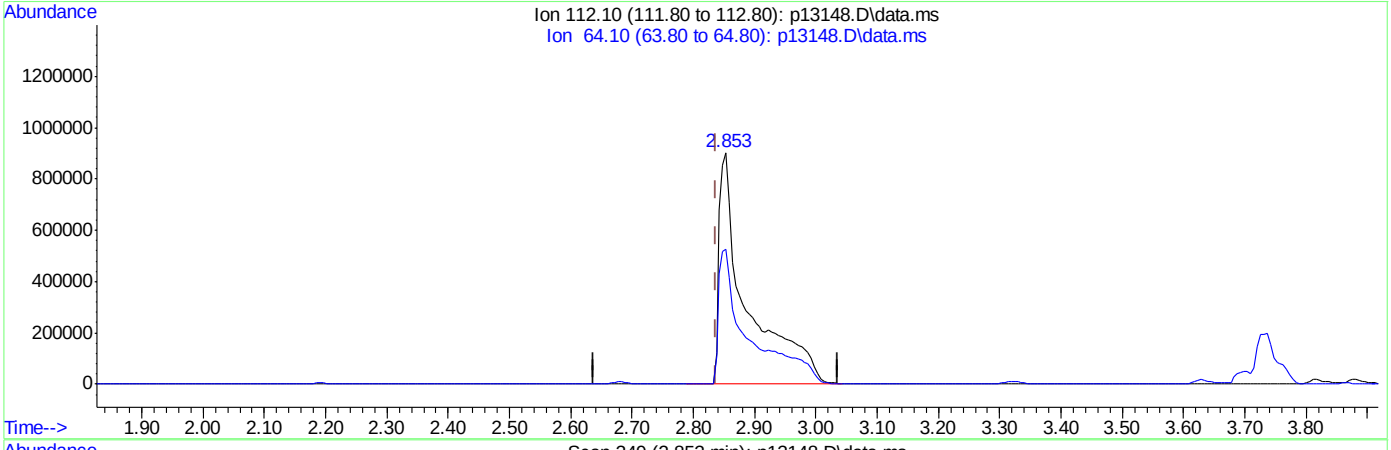
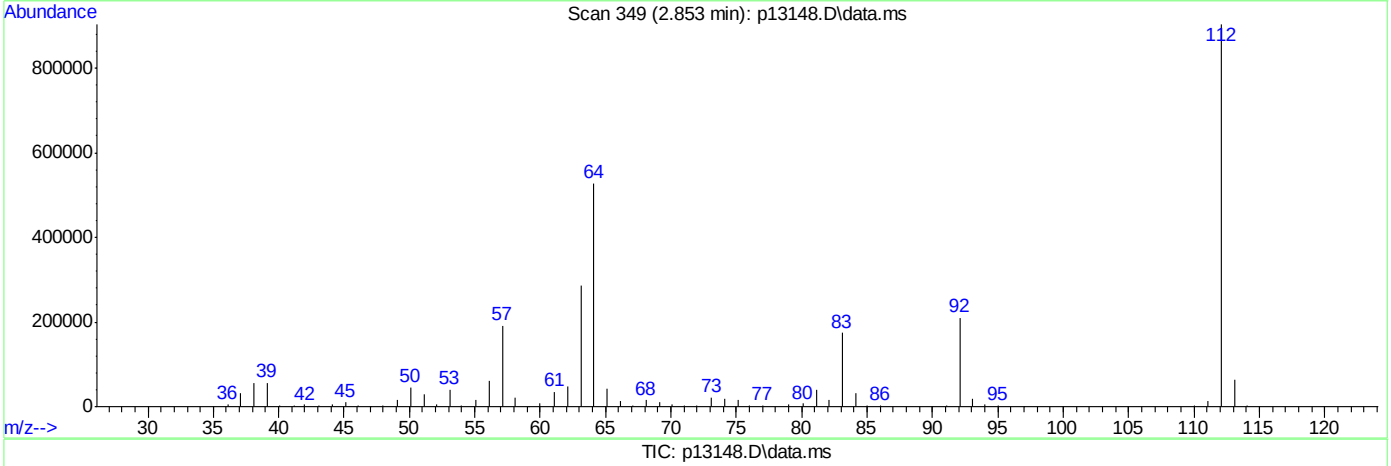




TIC: p13148.D\data.ms

(13) 2-Fluorophenol (S)

2.853min (+0.016) 283.67ppm m

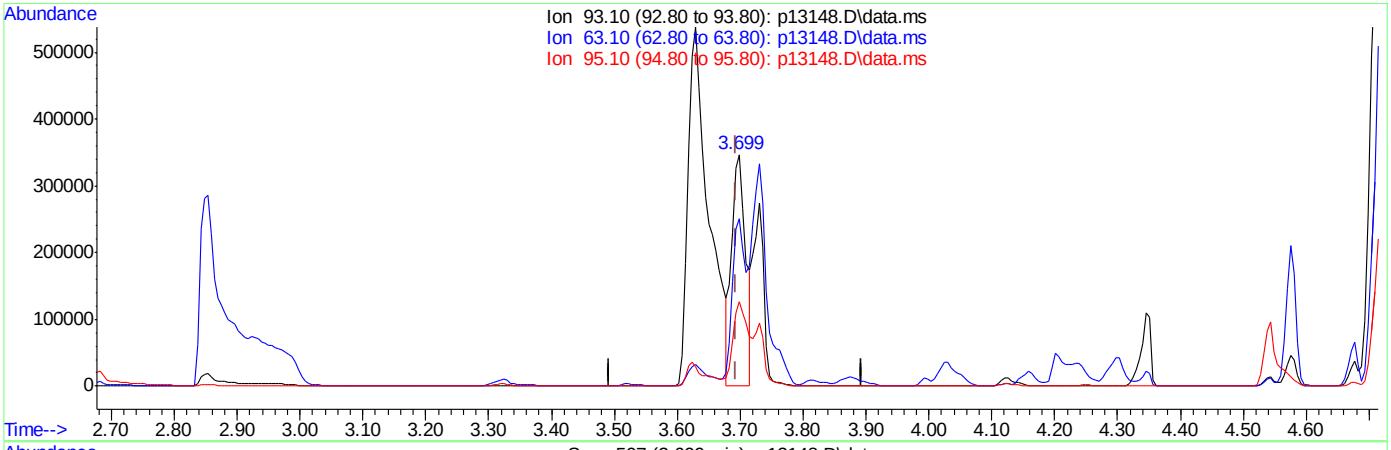
response 2873192

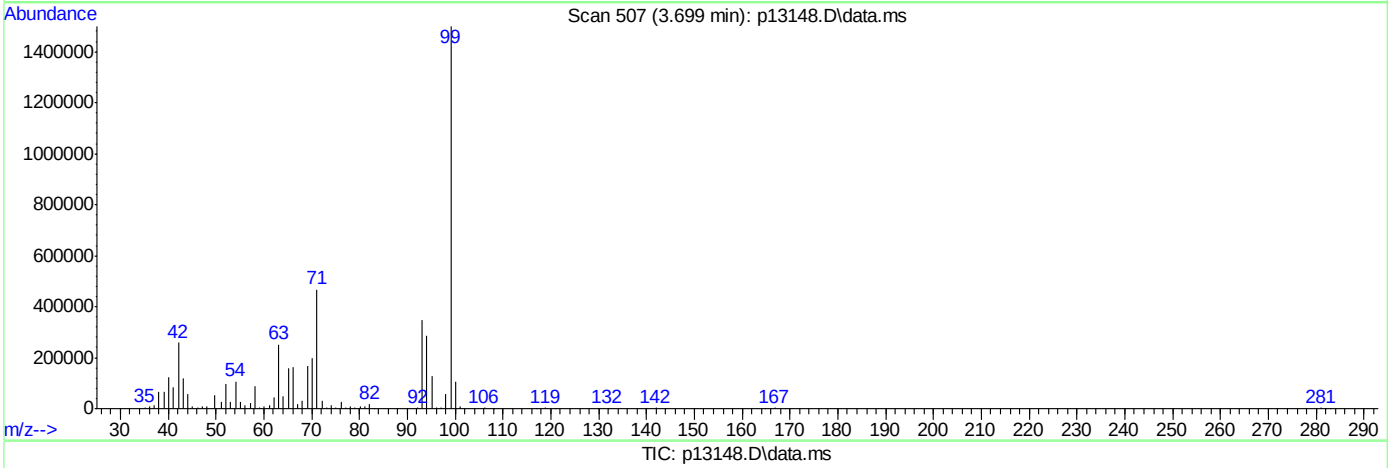
Ion	Exp%	Act%
112.10	100	100
64.10	47.90	44.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.699min (+0.005) 41.15ppm

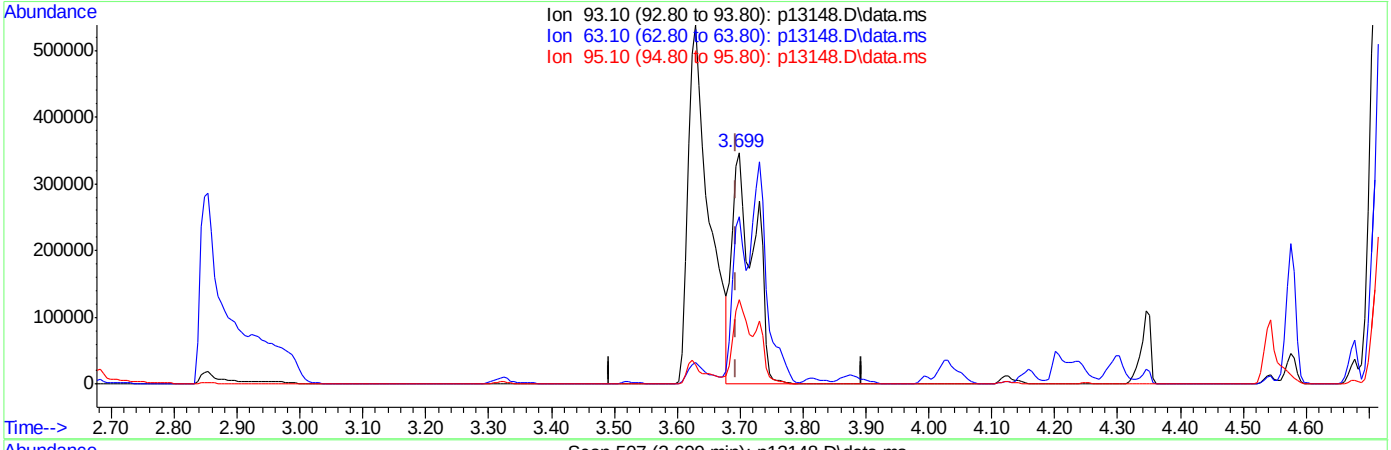
response 538301

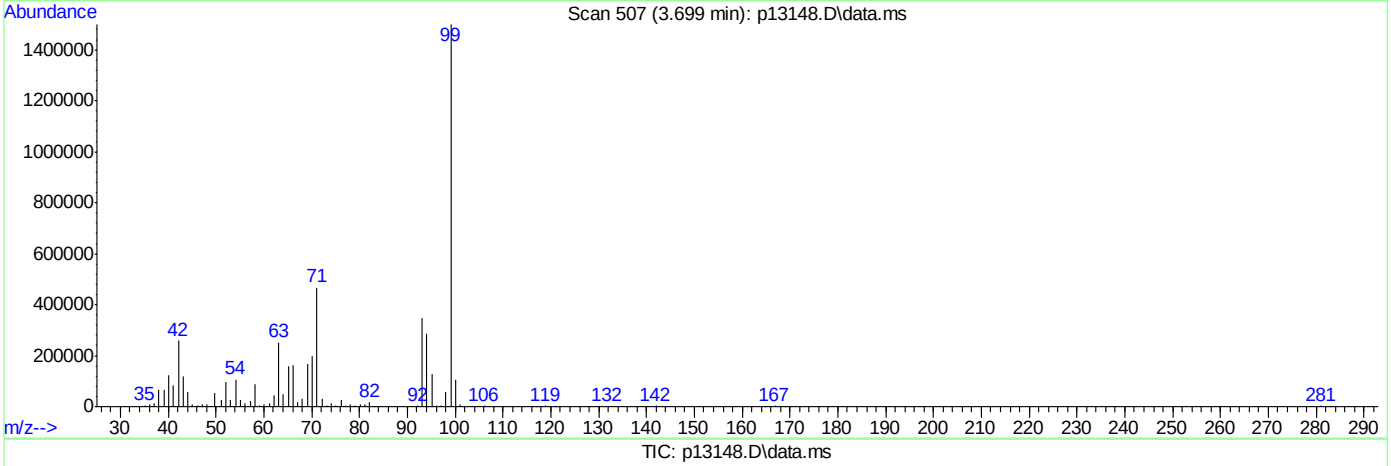
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	64.68
95.10	39.40	35.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.699min (+0.005) 65.84ppm m

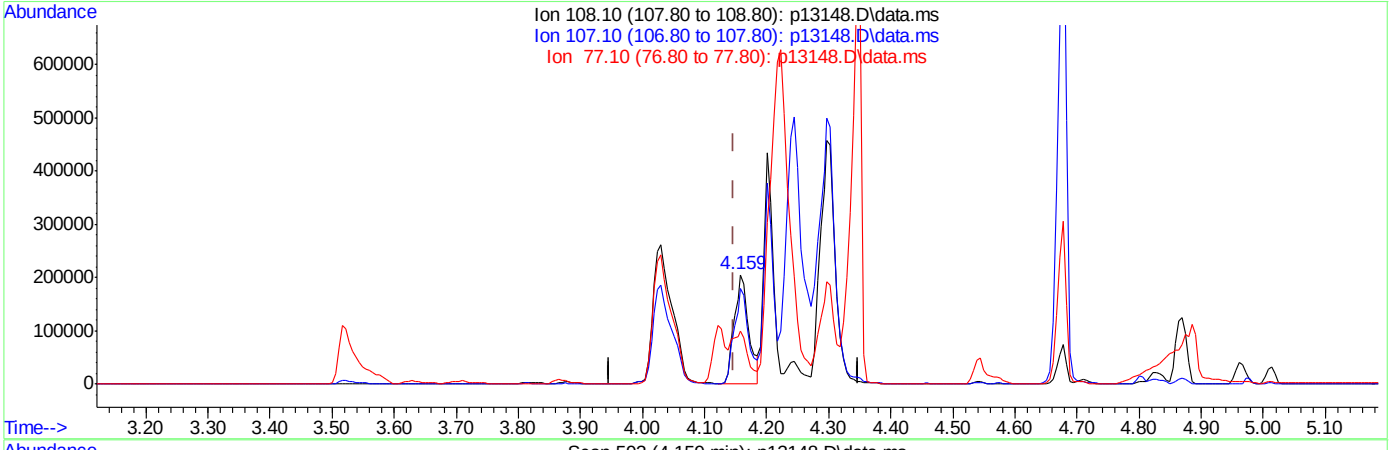
response 861175

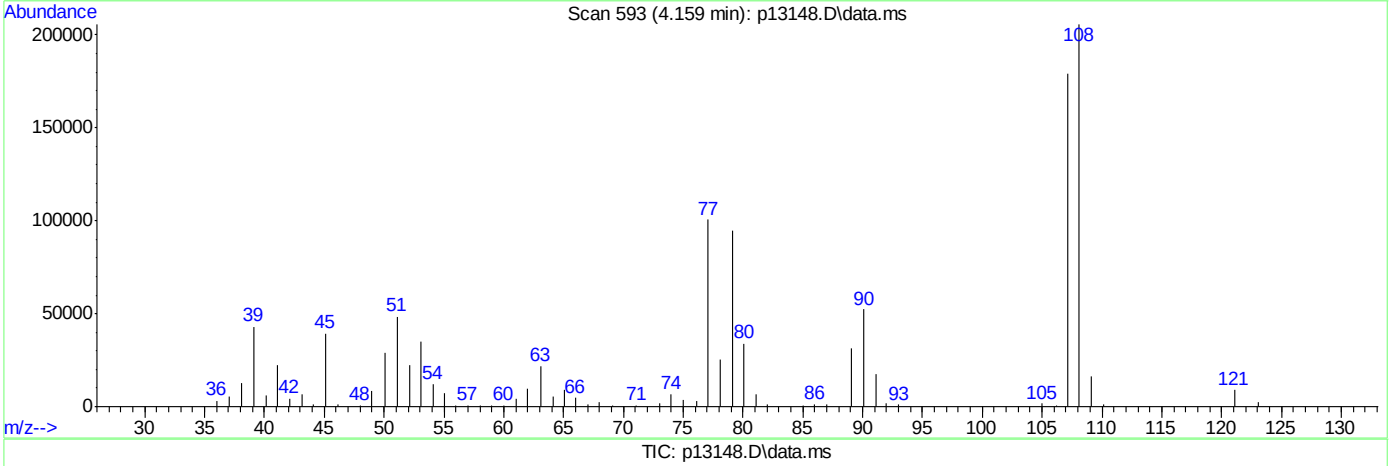
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	40.43
95.10	39.40	22.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(23) 2-Methylphenol ( )

4.159min (+0.011) 29.50ppm

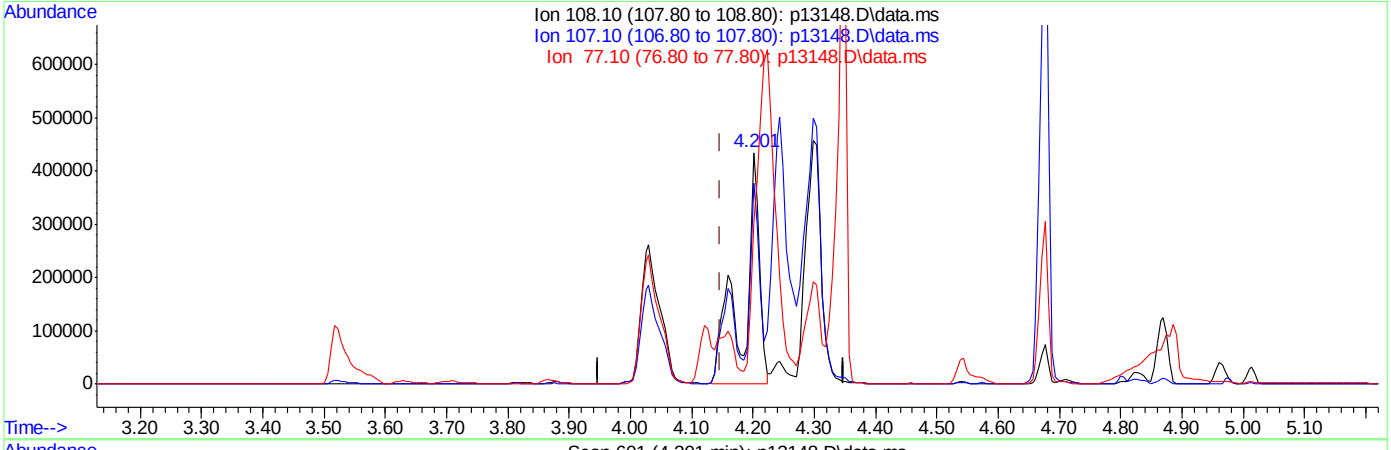
response 347554

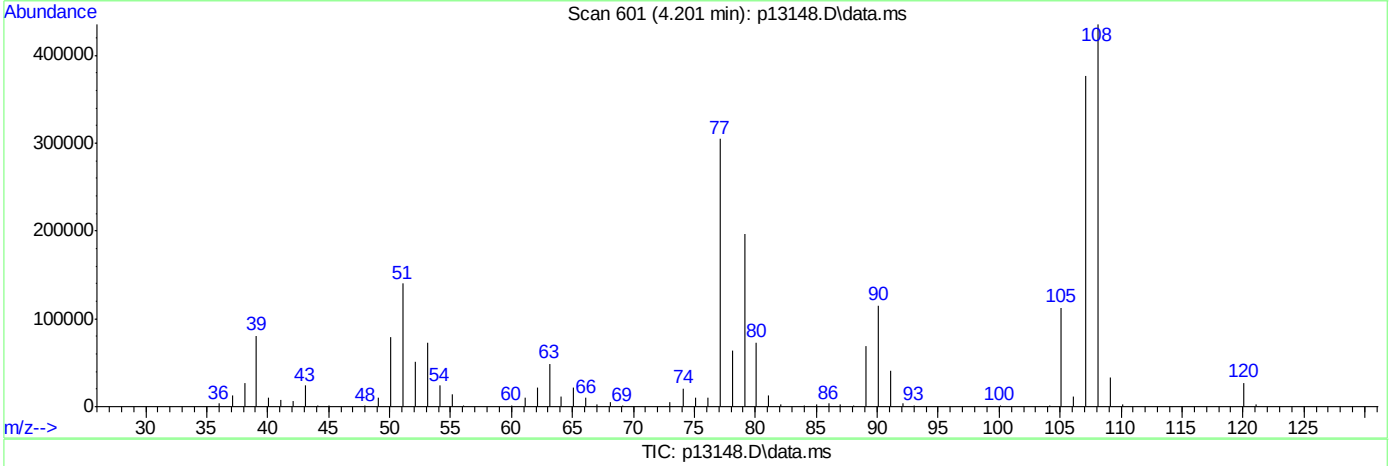
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	87.53#
77.10	16.60	34.30
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





(23) 2-Methylphenol ( )

4.201min (+0.053) 66.94ppm m

response 788747

Ion	Exp%	Act%
108.10	100	100
107.10	36.20	38.57
77.10	16.60	15.11
0.00	0.00	0.00

ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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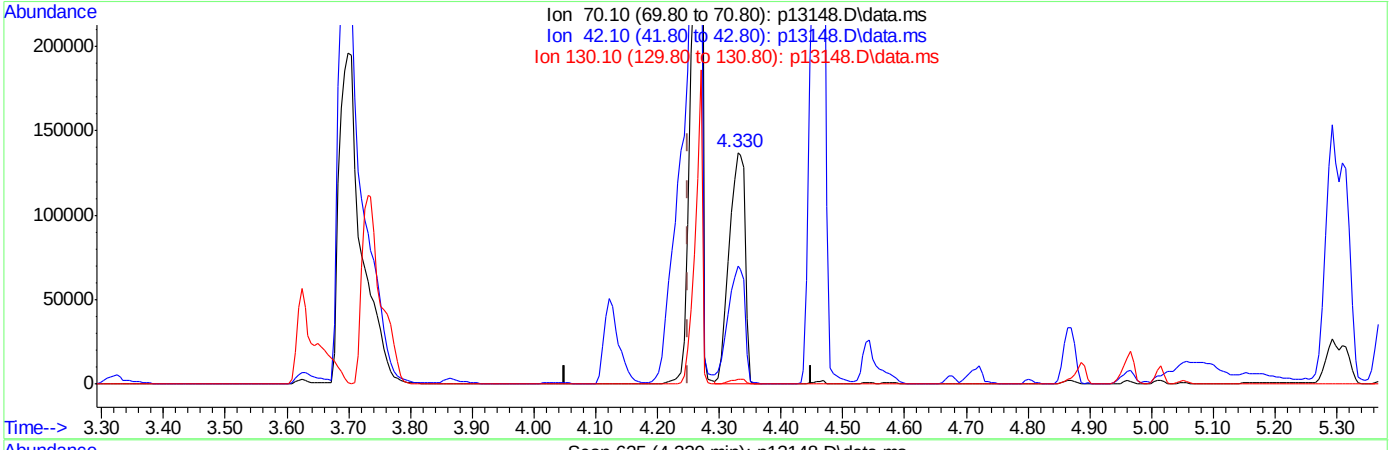
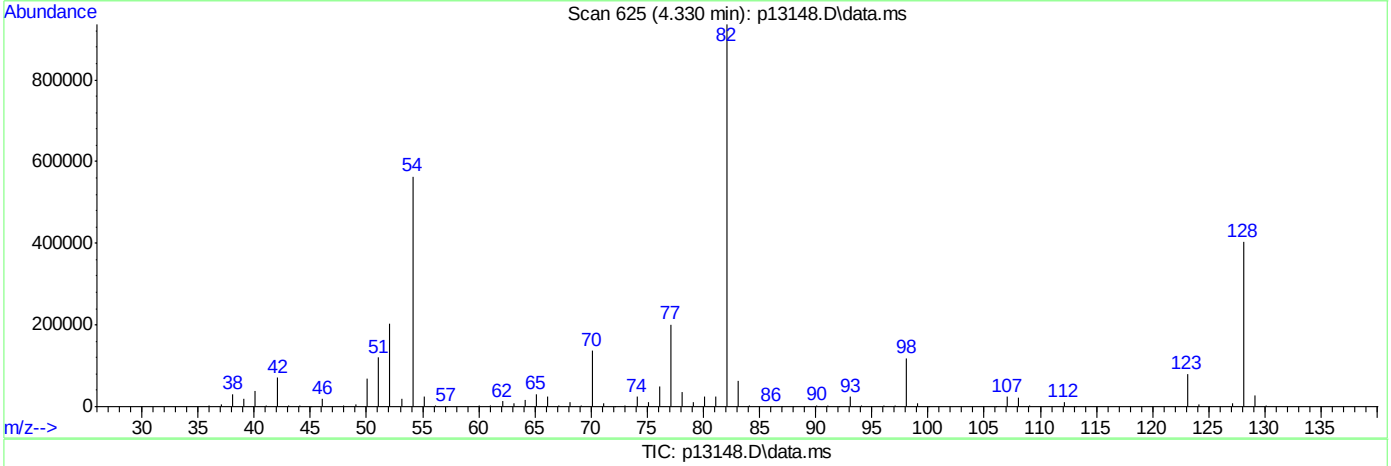




(29) N-Nitroso-di-n-propylamine (P)

4.330min (+0.080) 25.68ppm

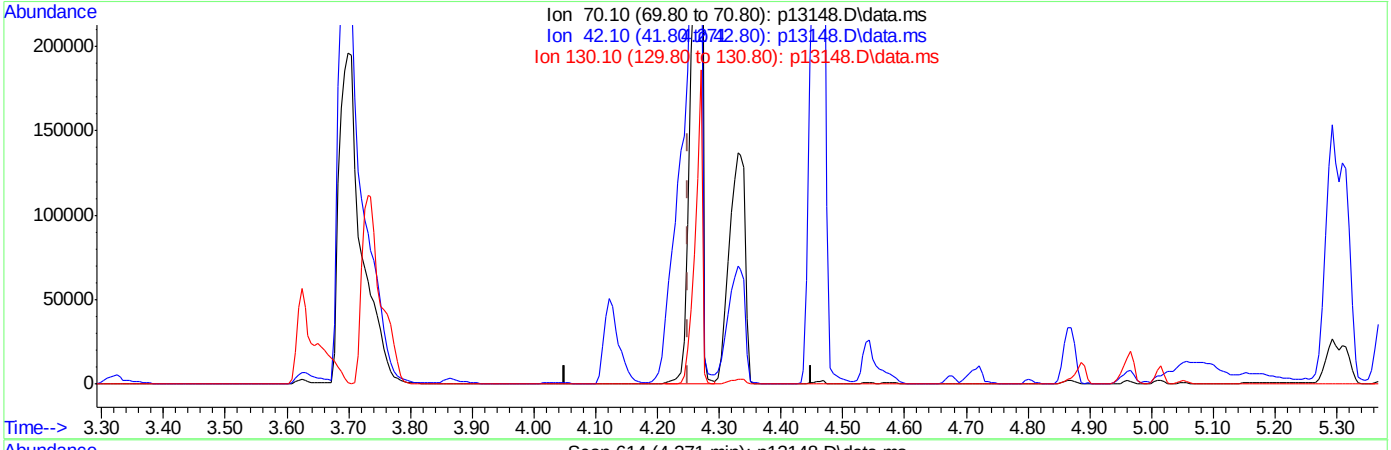
response 256745

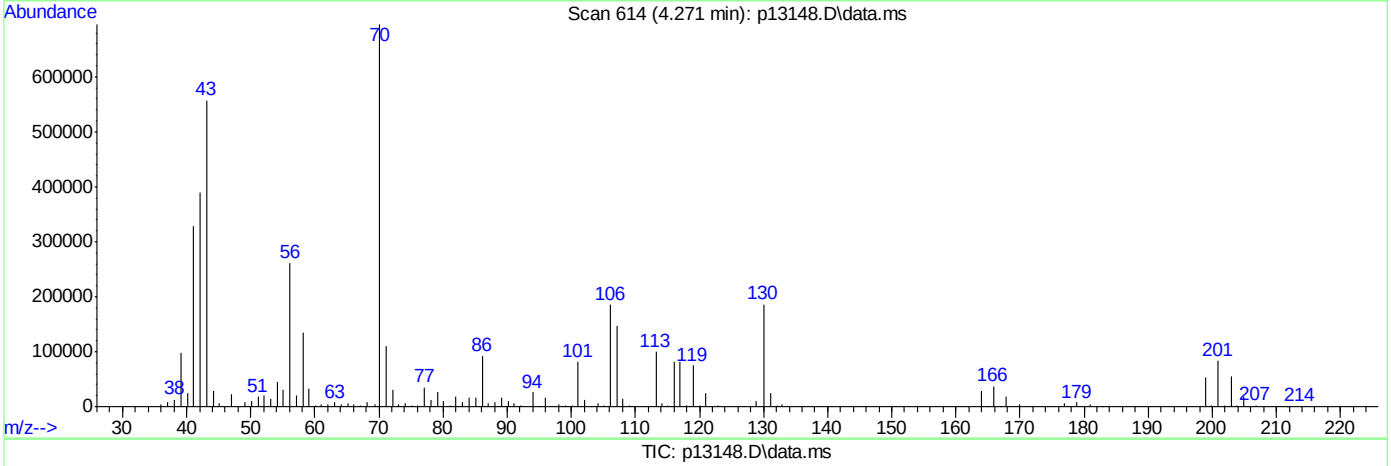
Ion	Exp%	Act%
70.10	100	100
42.10	62.30	53.68
130.10	23.60	2.08
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(29) N-Nitroso-di-n-propylamine (P)

4.271min (+0.021) 60.86ppm m

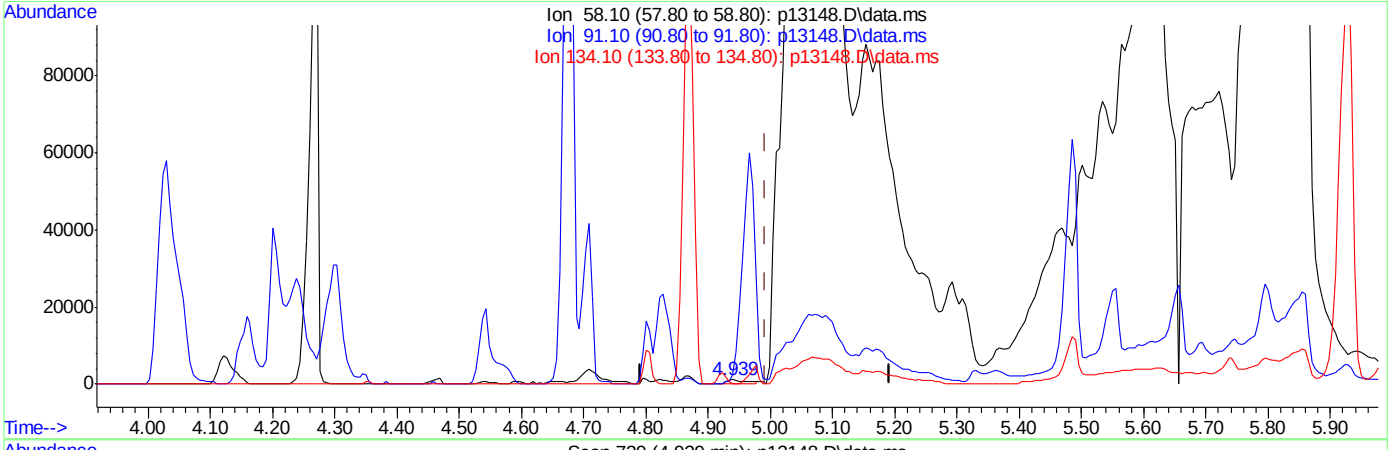
response 608523

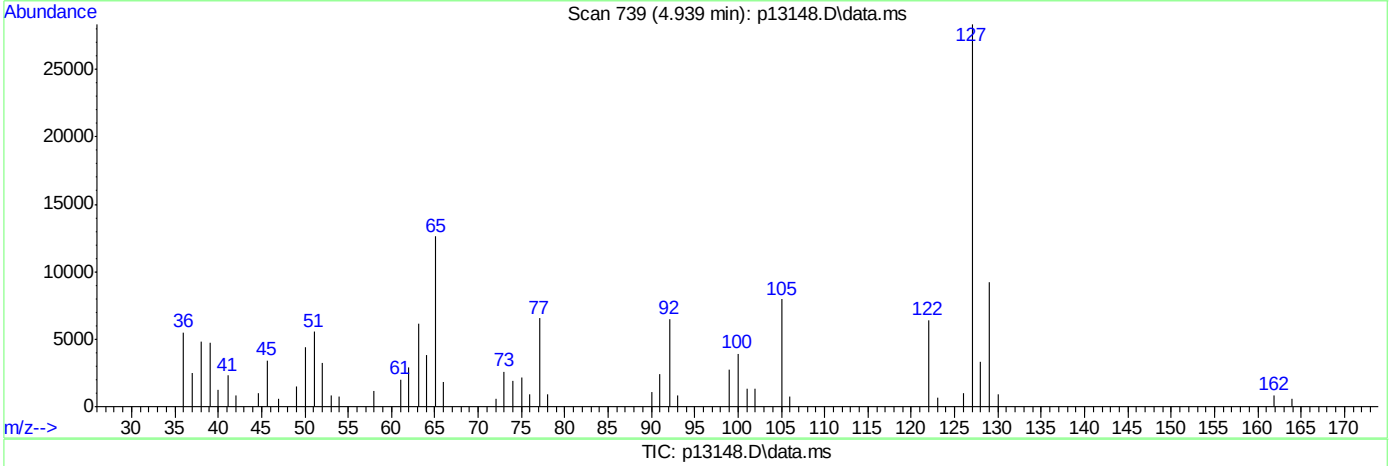
Ion	Exp%	Act%
70.10	100	100
42.10	62.30	22.65#
130.10	23.60	0.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(35) A,A-Dimethylphenethylamine

4.939min (-0.054) 0.05ppm

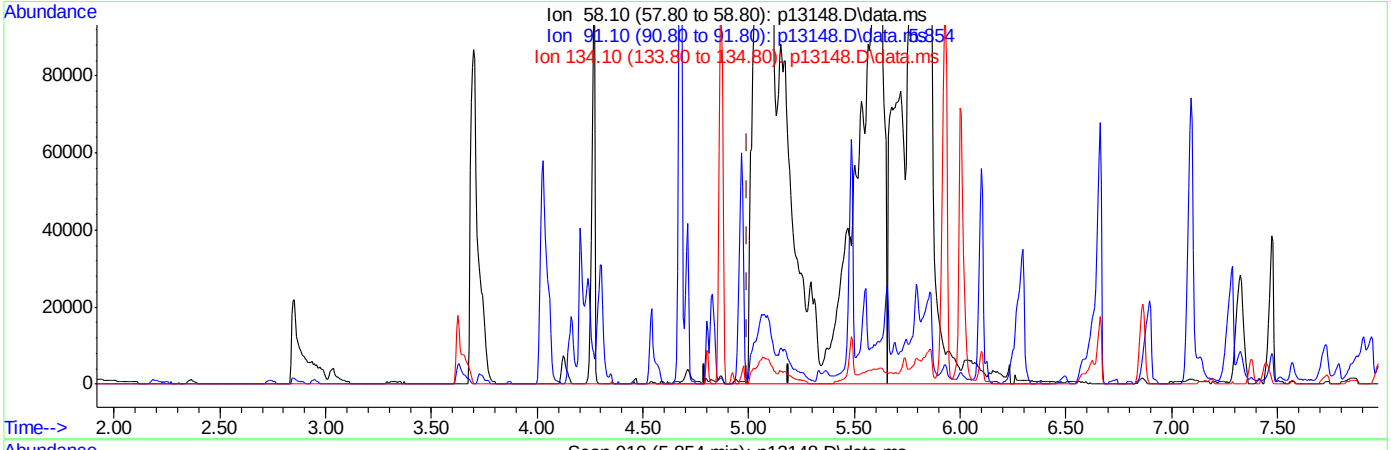
response 2483

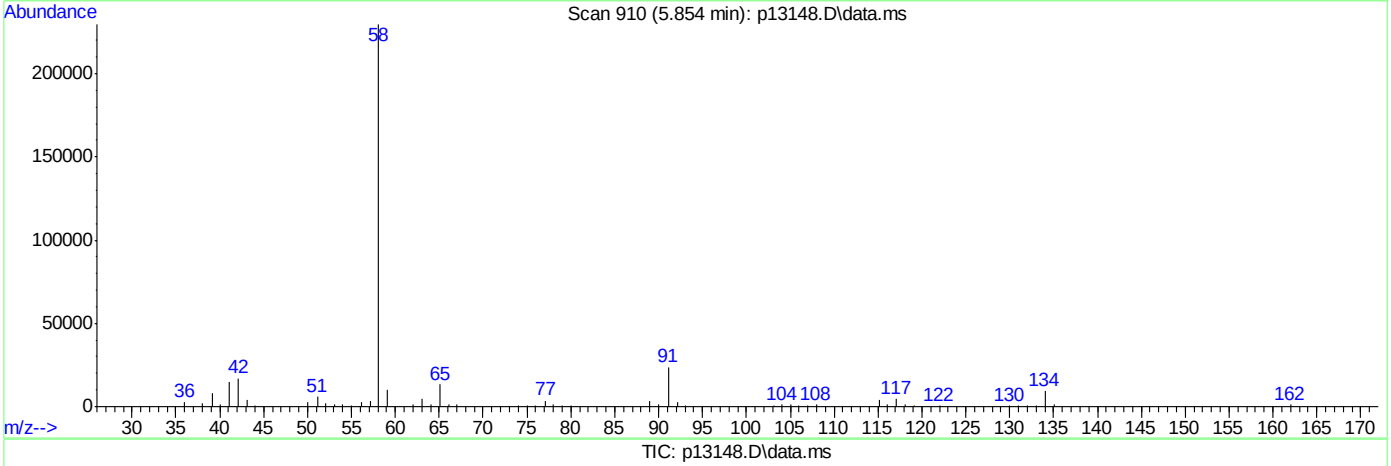
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	110.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





(35) A,A-Dimethylphenethylamine

5.854min (+0.861) 79.45ppm m

response 4059122

Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.07#
0.00	0.00	0.00

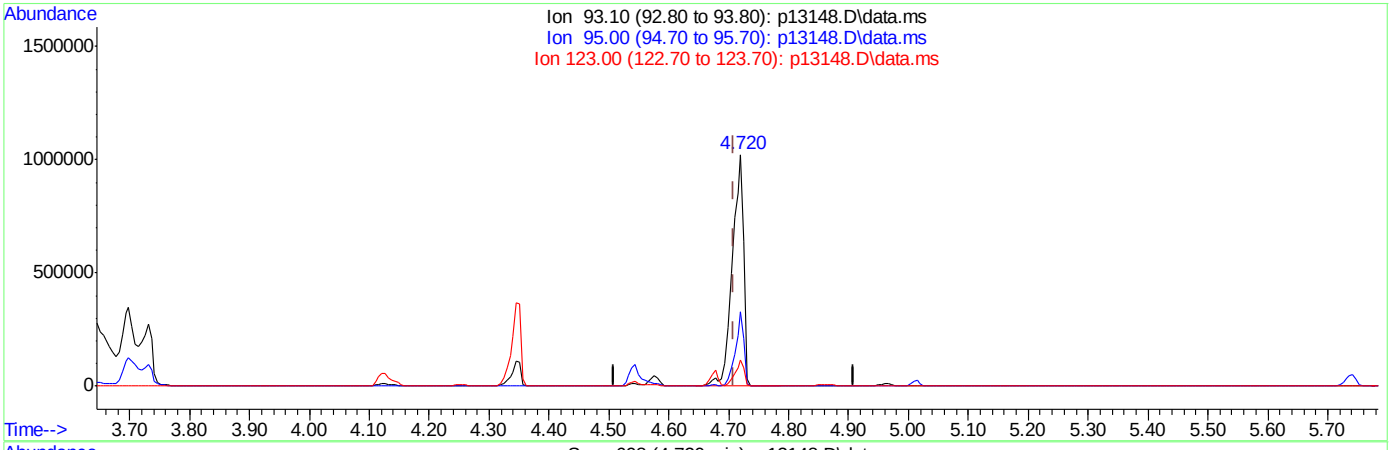
8.6.14.18

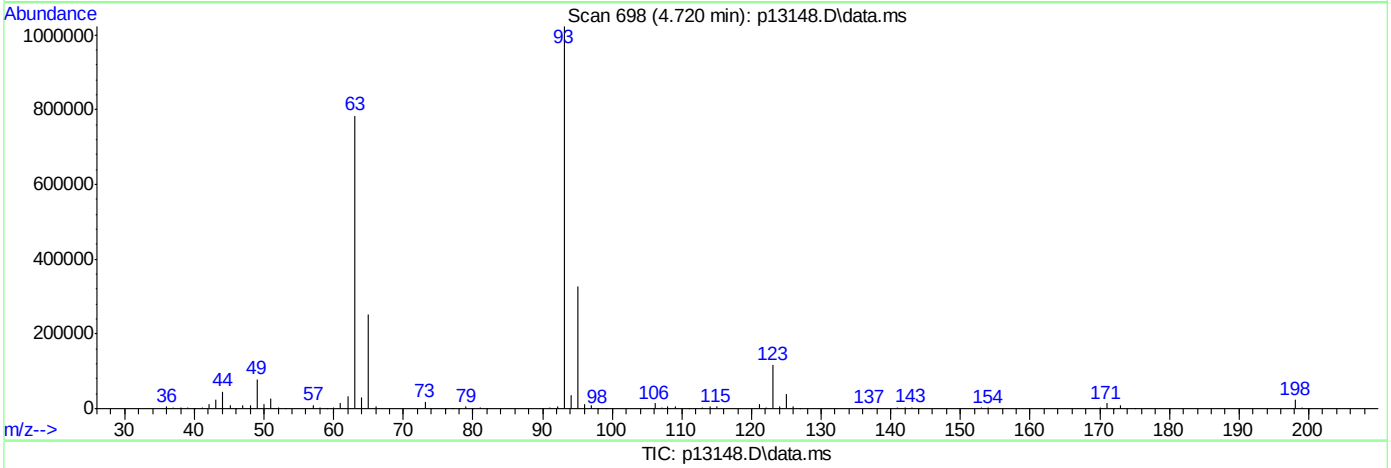
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.720min (+0.011) 76.19ppm

response 1377661

Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.11
123.00	10.10	8.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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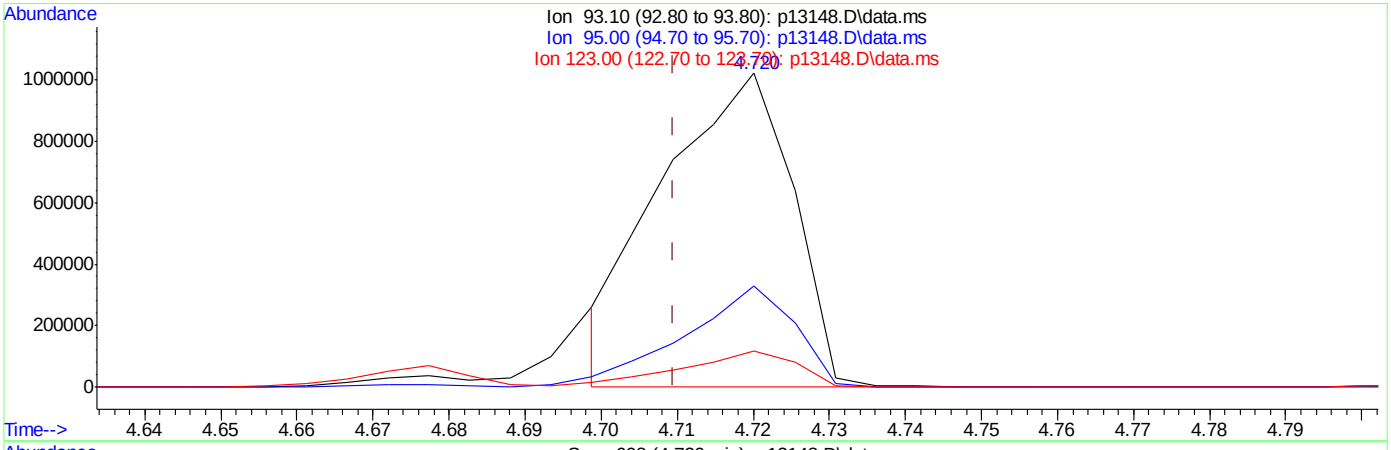
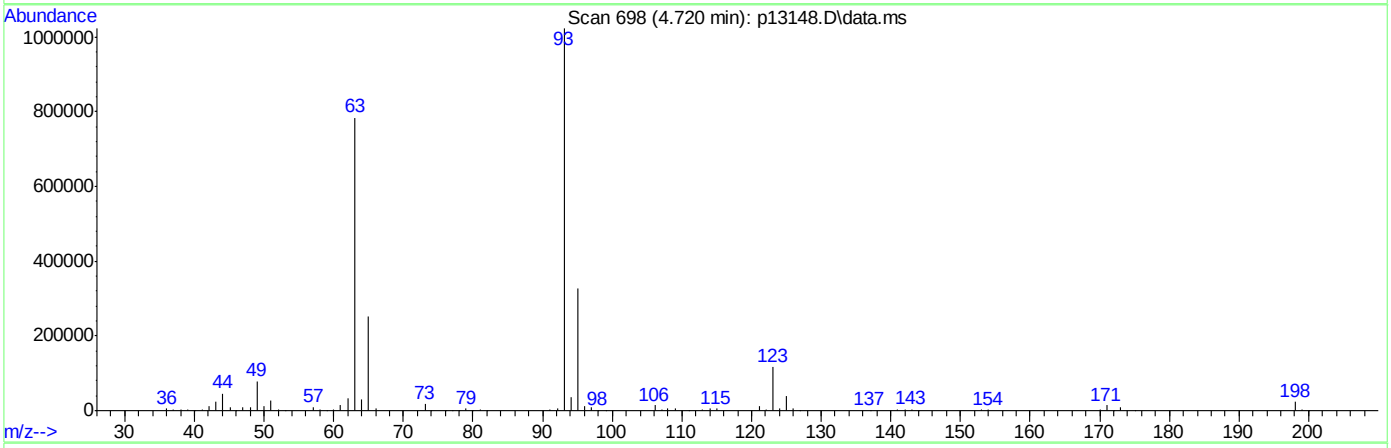




TIC: p13148.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.720min (+0.011) 67.31ppm m

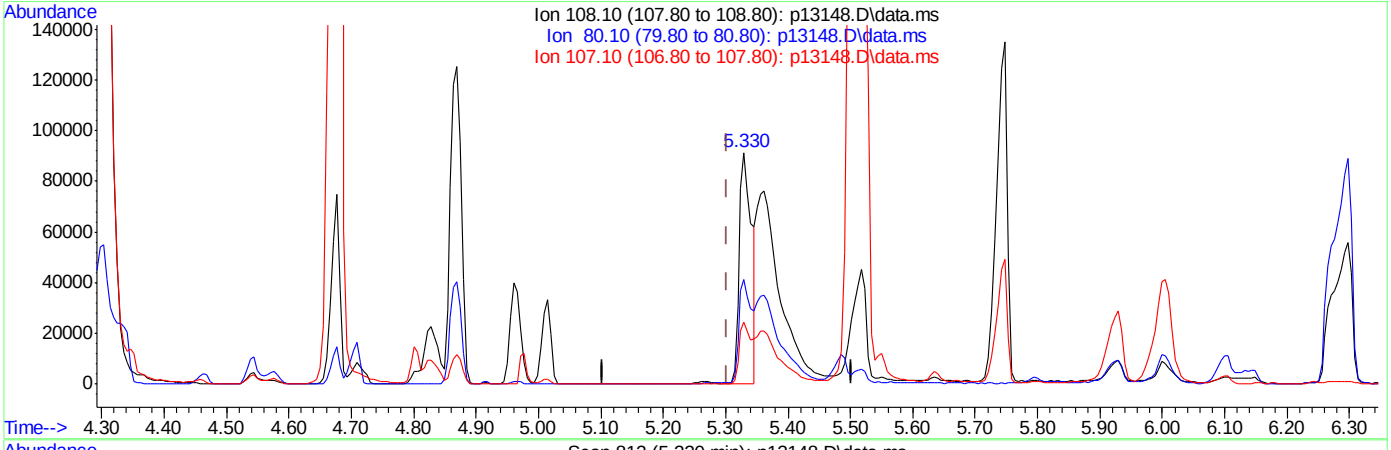
response 1217057

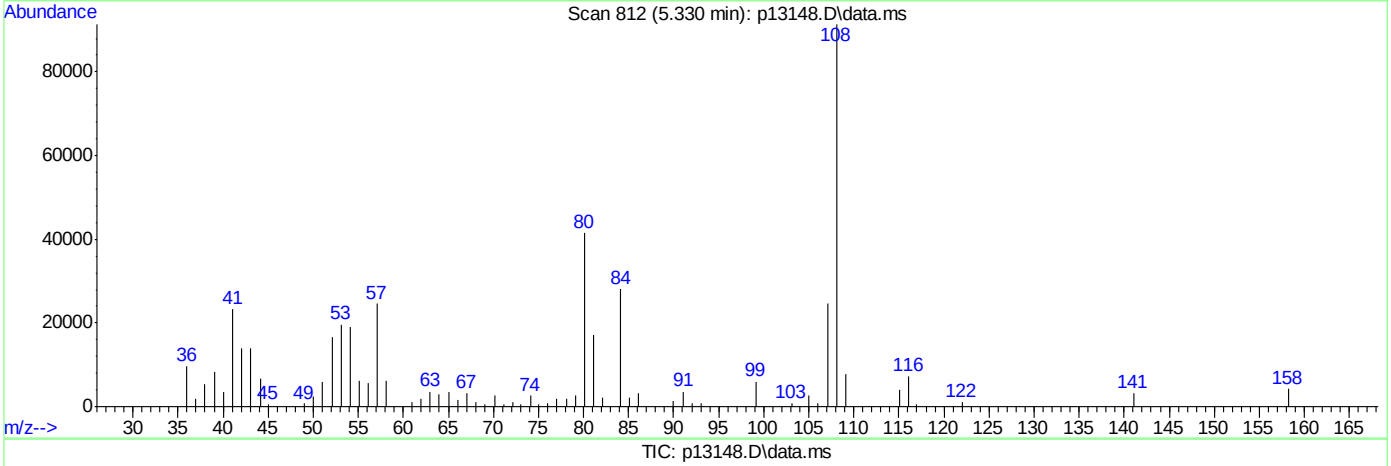
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	27.29
123.00	10.10	10.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(49) p-Phenylenediamine

5.330min (+0.027) 43.99ppm

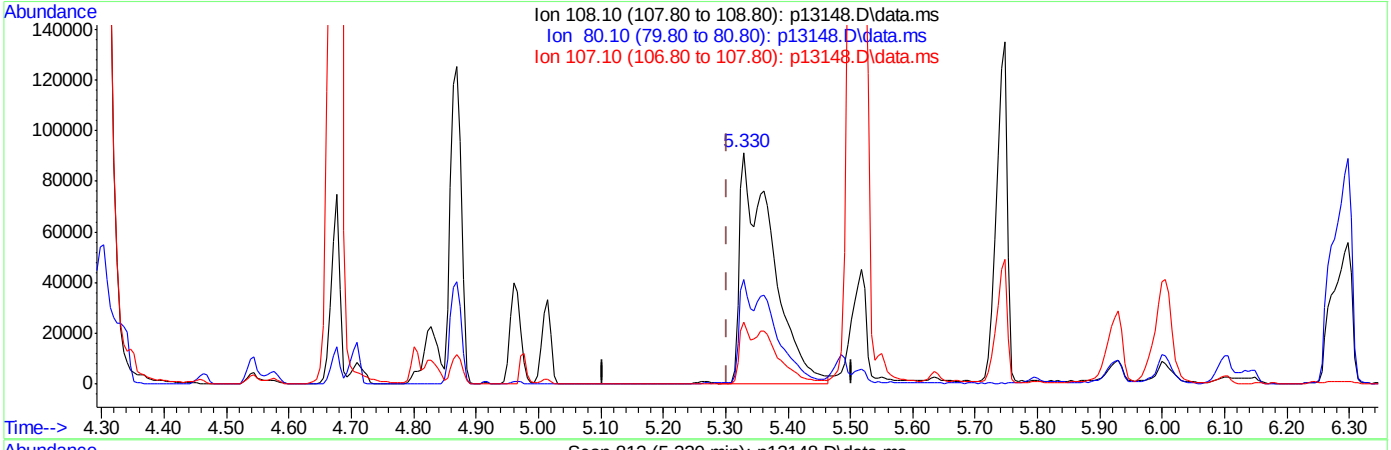
response 130632

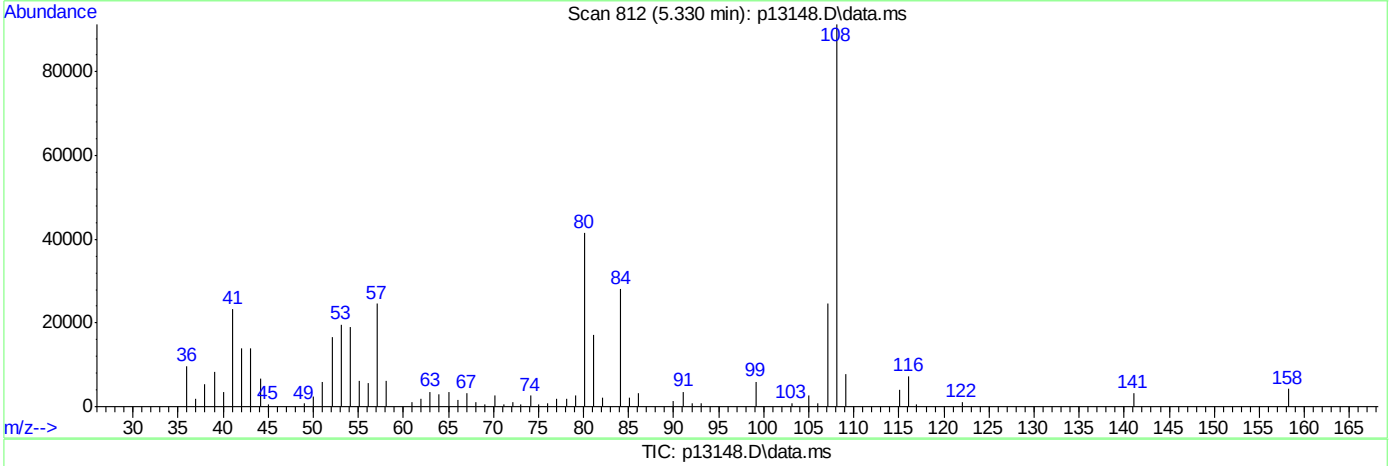
Ion	Exp%	Act%
108.10	100	100
80.10	0.00	45.88#
107.10	0.00	27.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(49) p-Phenylenediamine

5.330min (+0.027) 111.90ppm m

response 332299

Ion	Exp%	Act%
108.10	100	100
80.10	0.00	18.04#
107.10	0.00	10.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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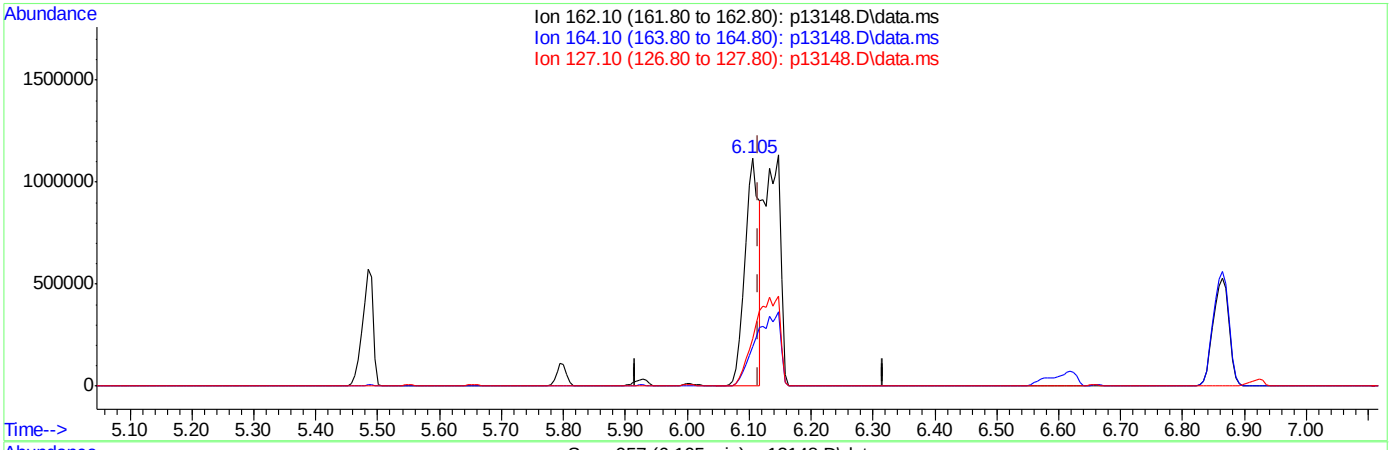
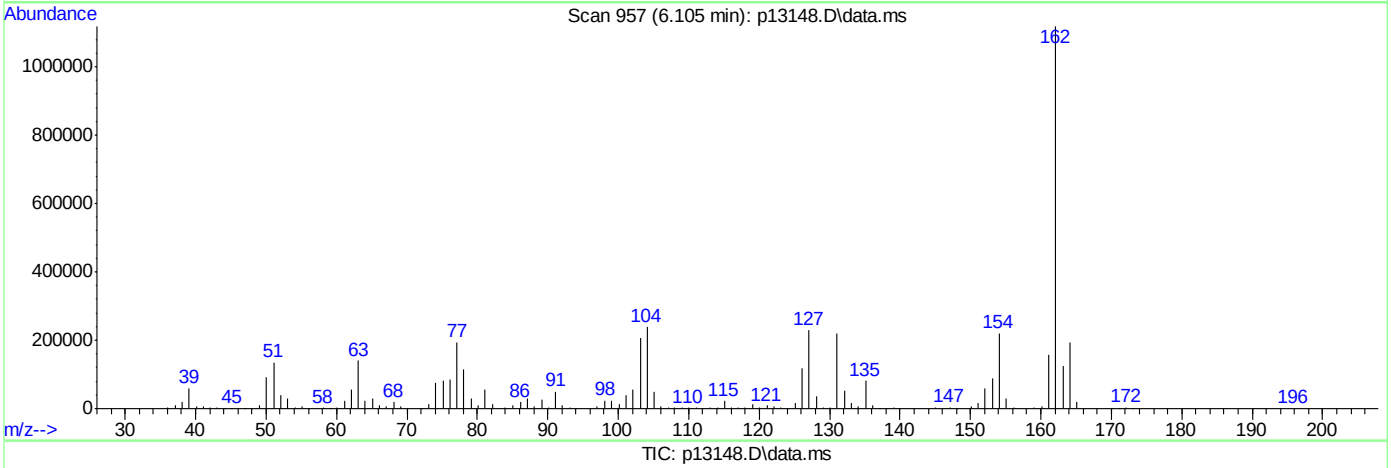




TIC: p13148.D\data.ms

(64) 2-Chloronaphthalene

6.105min (-0.011) 62.52ppm

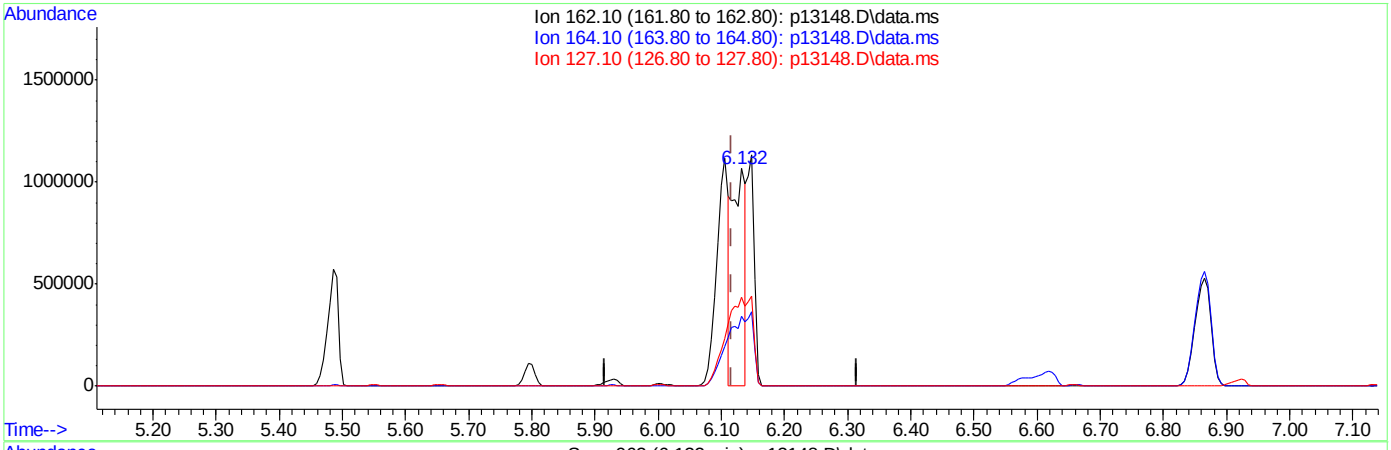
response 1737162

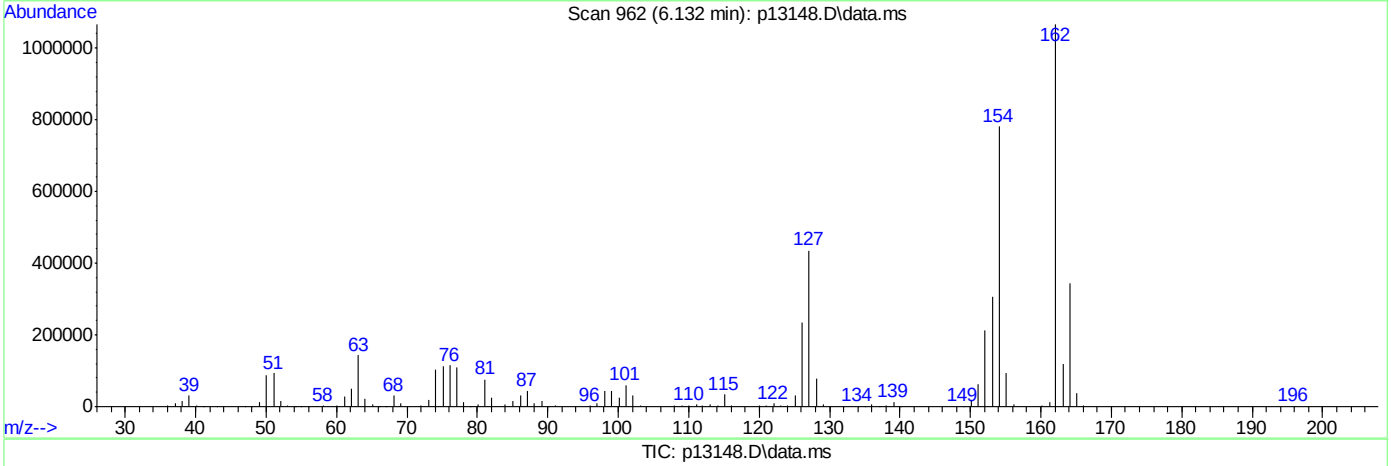
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(64) 2-Chloronaphthalene

6.132min (+0.016) 54.97ppm m

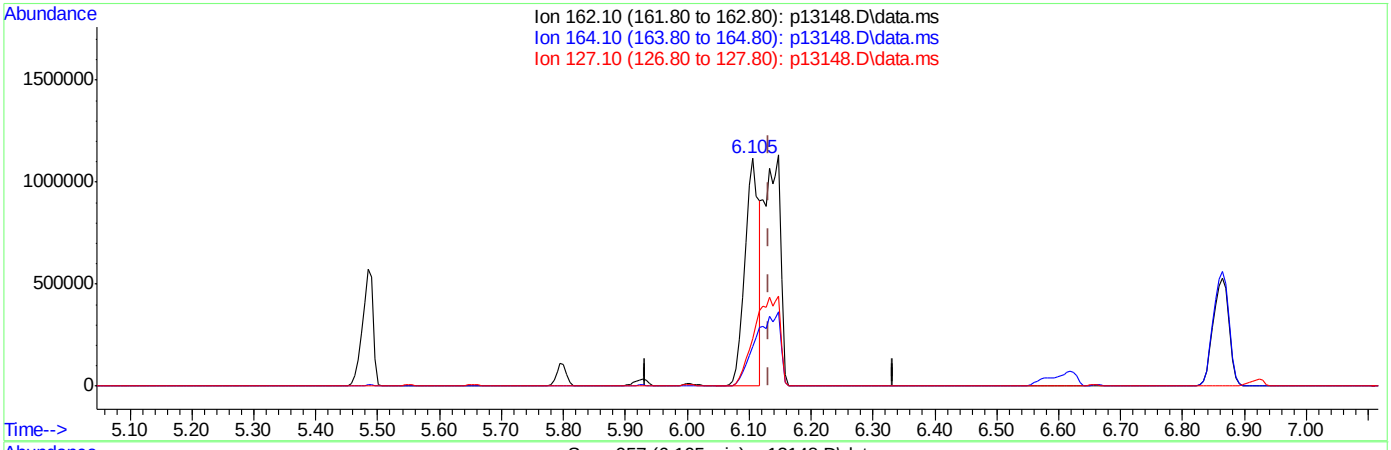
response 1527282

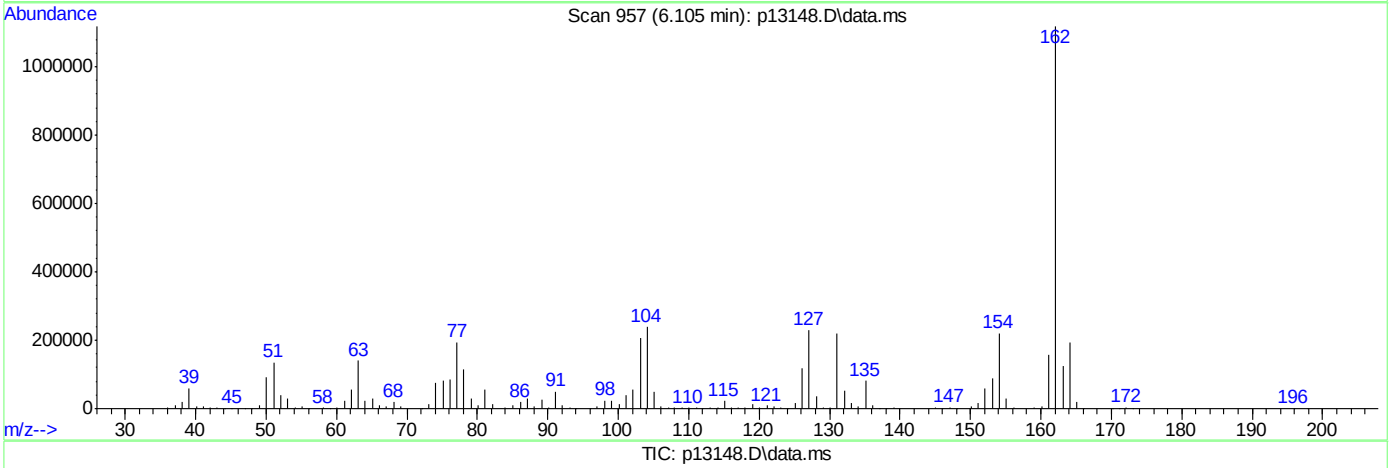
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(65) 1-Chloronaphthalene

6.105min (-0.027) 83.19ppm

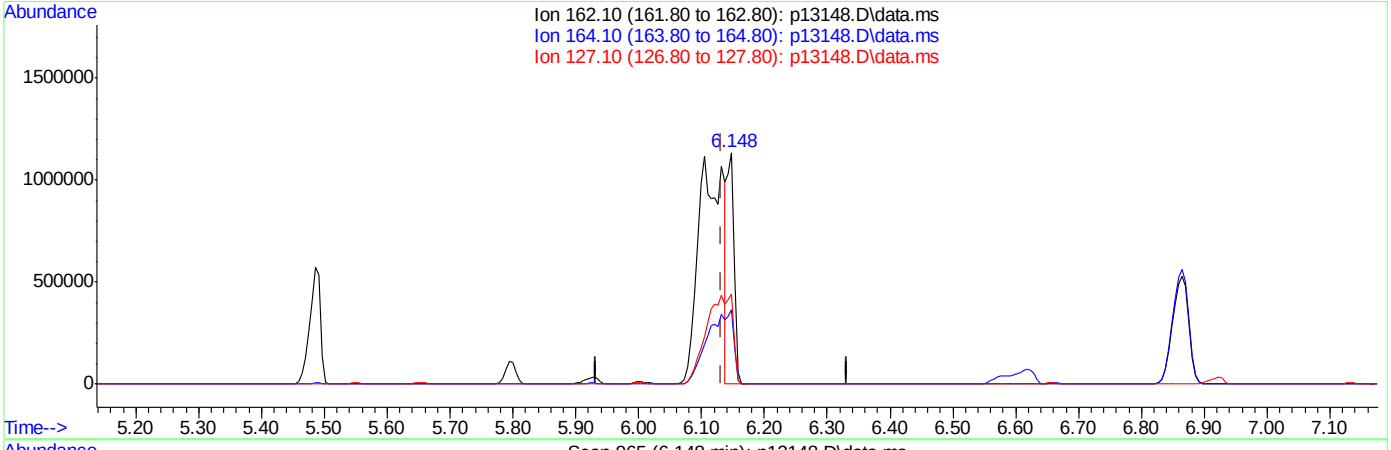
response 1737162

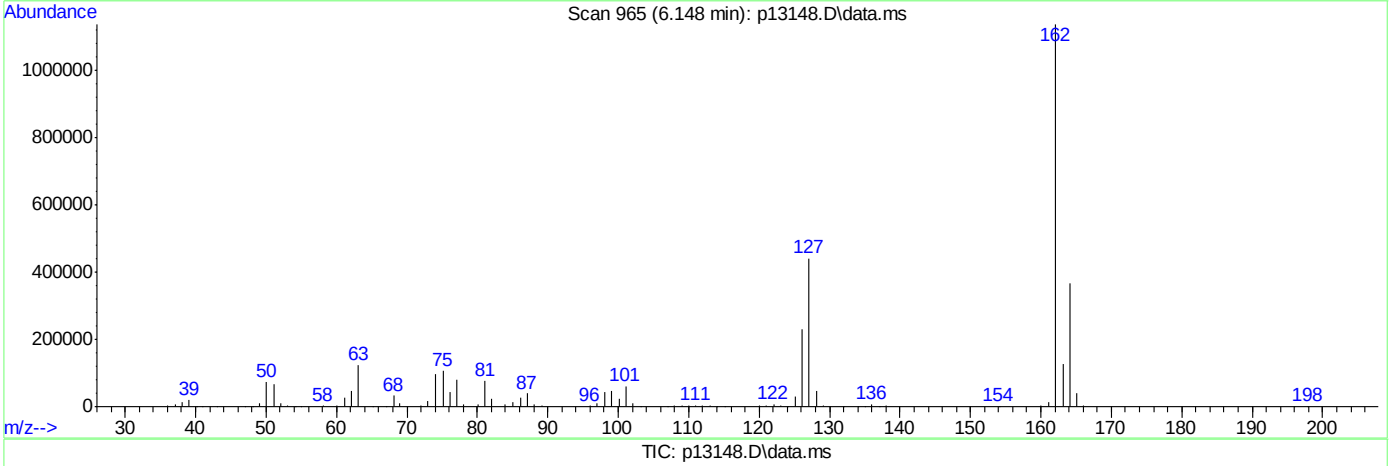
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(65) 1-Chloronaphthalene

6.148min (+0.016) 42.24ppm m

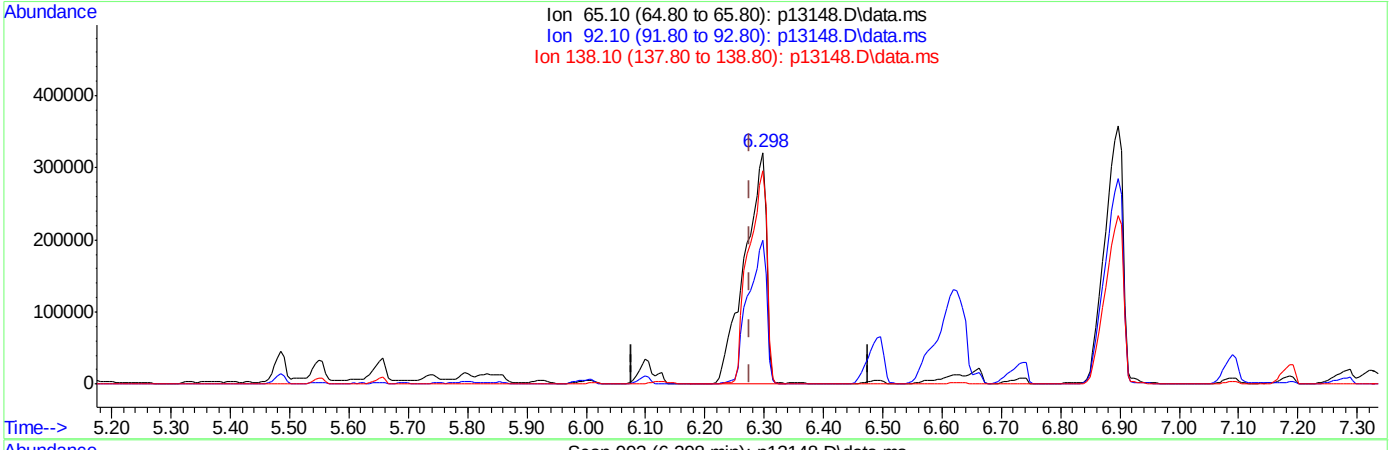
response 882192

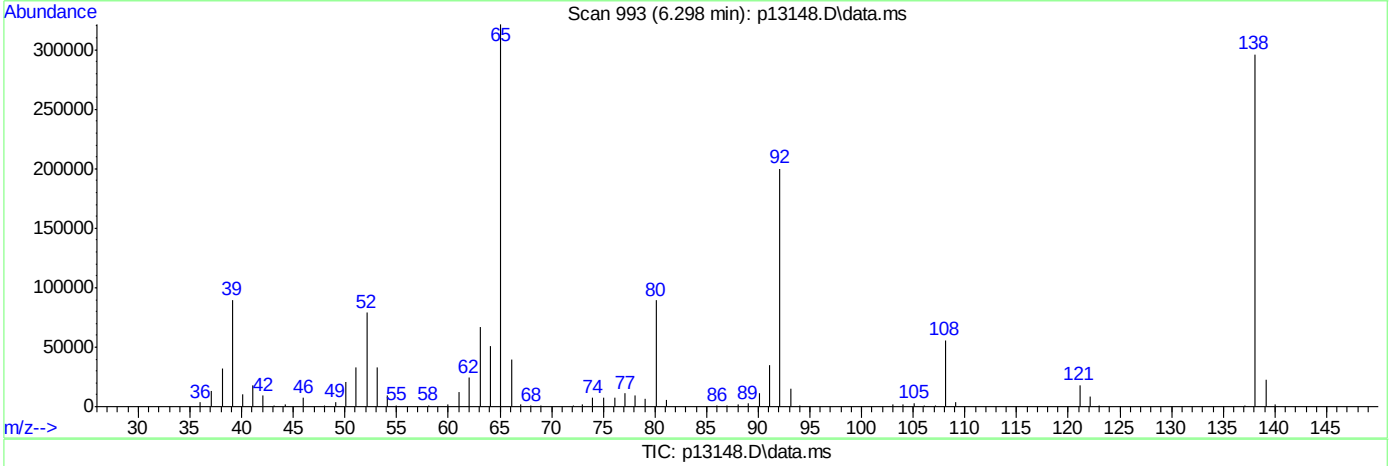
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(66) 2-Nitroaniline

6.298min (+0.021) 80.09ppm

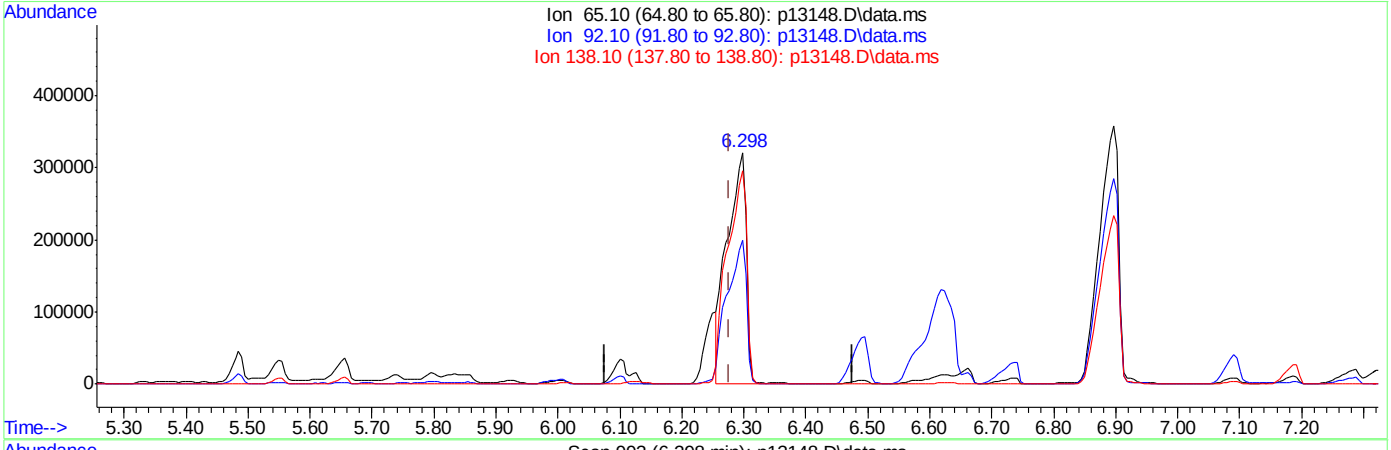
response 815240

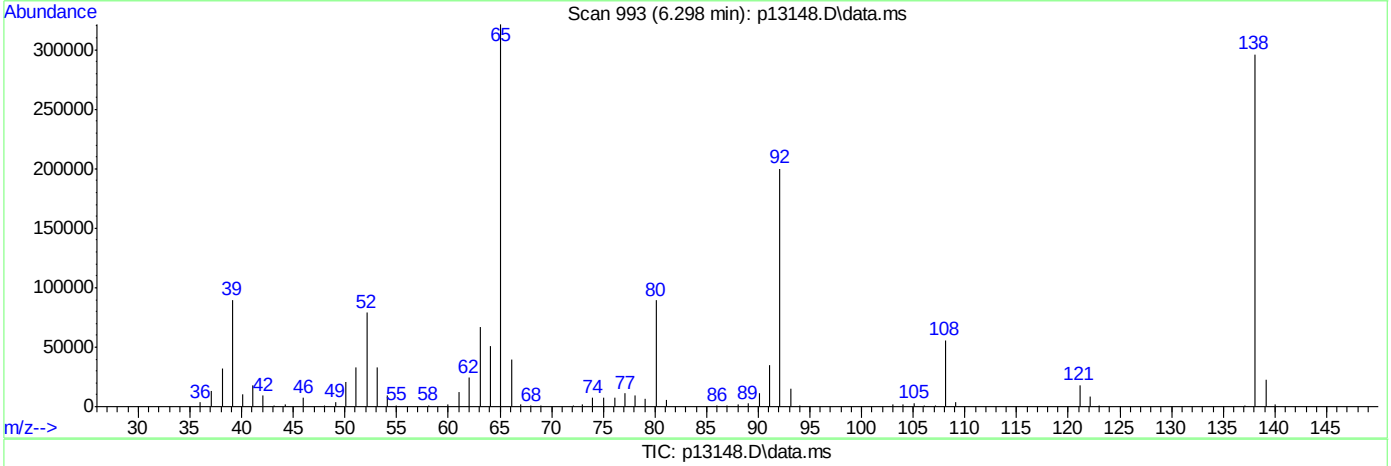
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	53.44
138.10	93.80	79.24
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(66) 2-Nitroaniline

6.298min (+0.021) 66.63ppm m

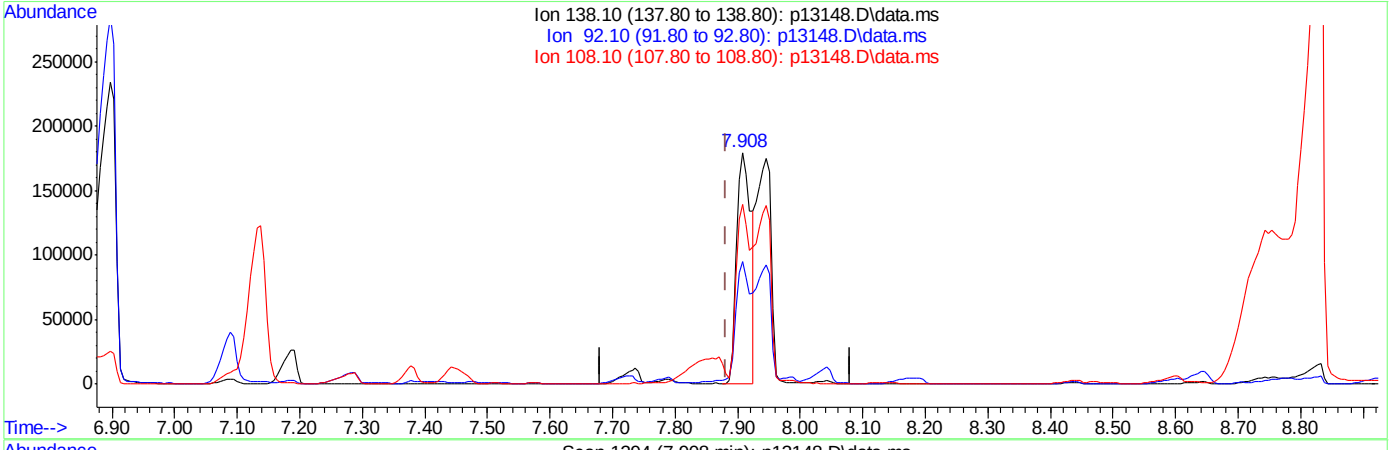
response 678237

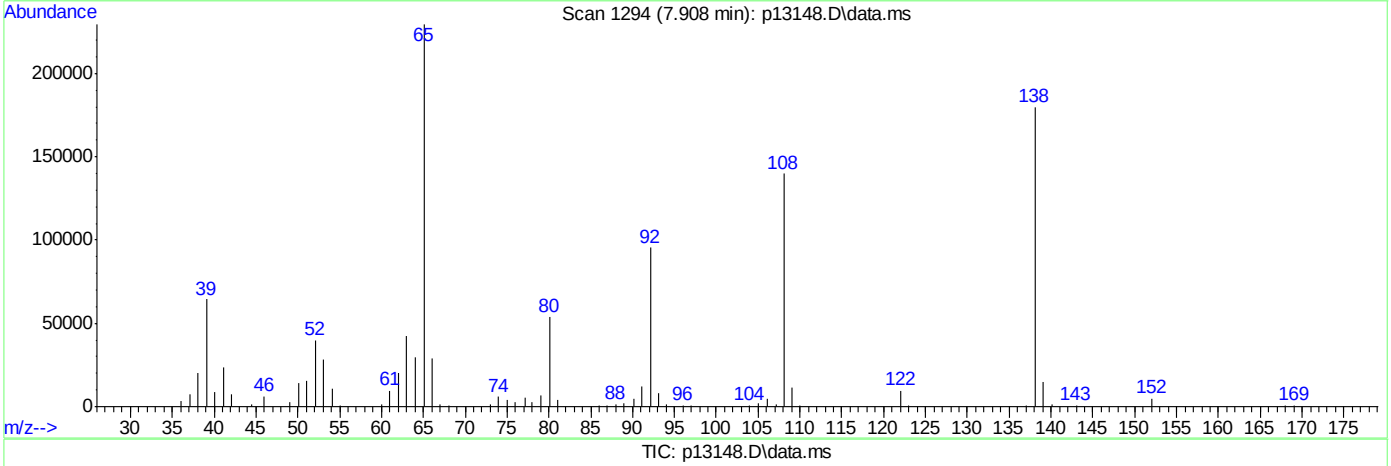
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	64.24
138.10	93.80	95.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(87) 4-Nitroaniline

7.908min (+0.027) 47.43ppm

response 286499

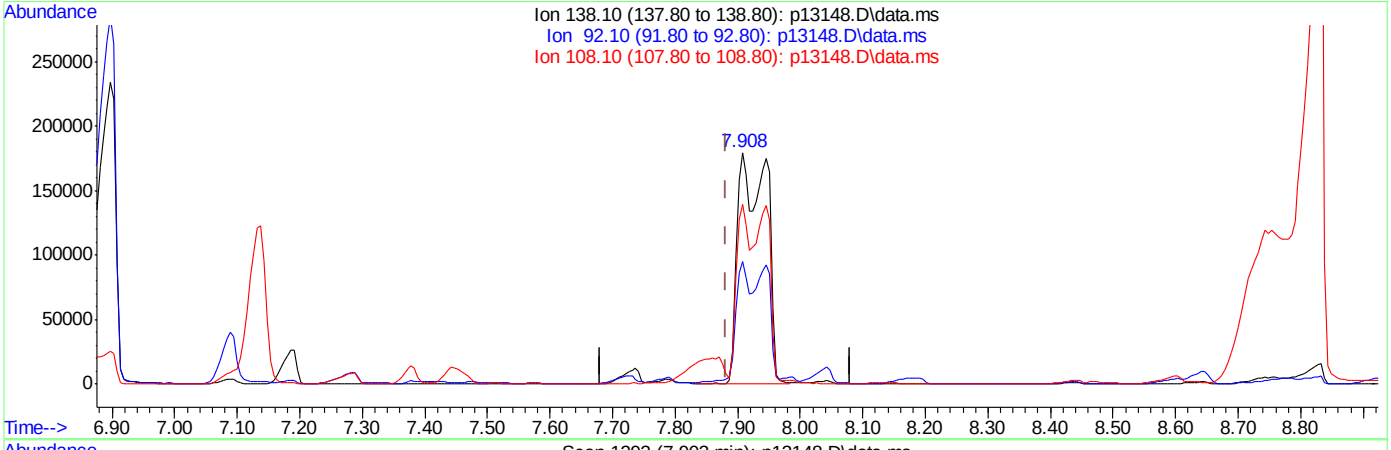
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	55.38
108.10	76.00	79.26
0.00	0.00	0.00

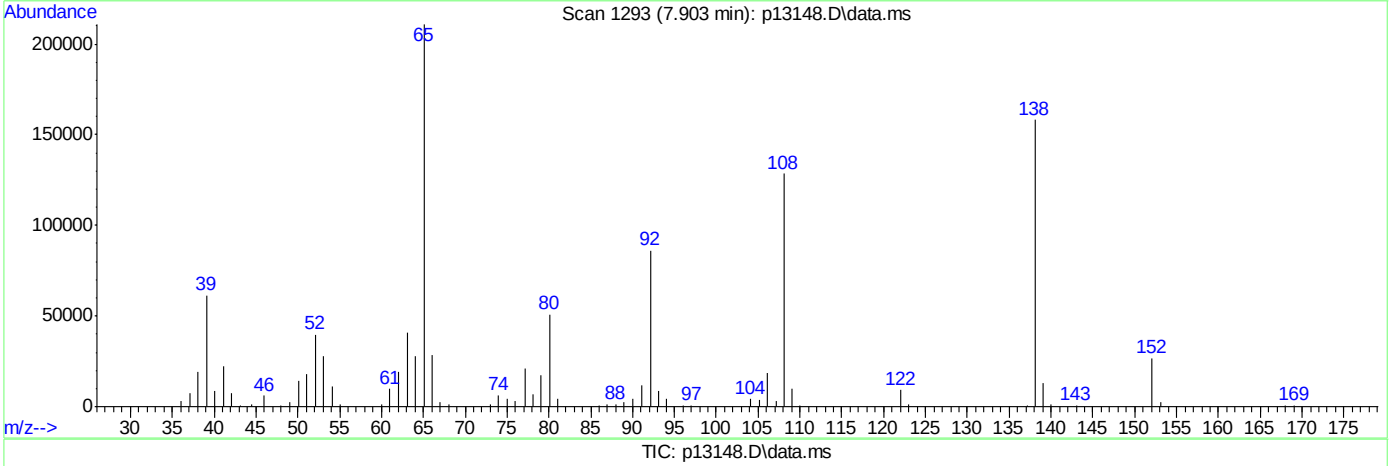
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(87) 4-Nitroaniline

7.908min (+0.027) 94.45ppm m

response 570557

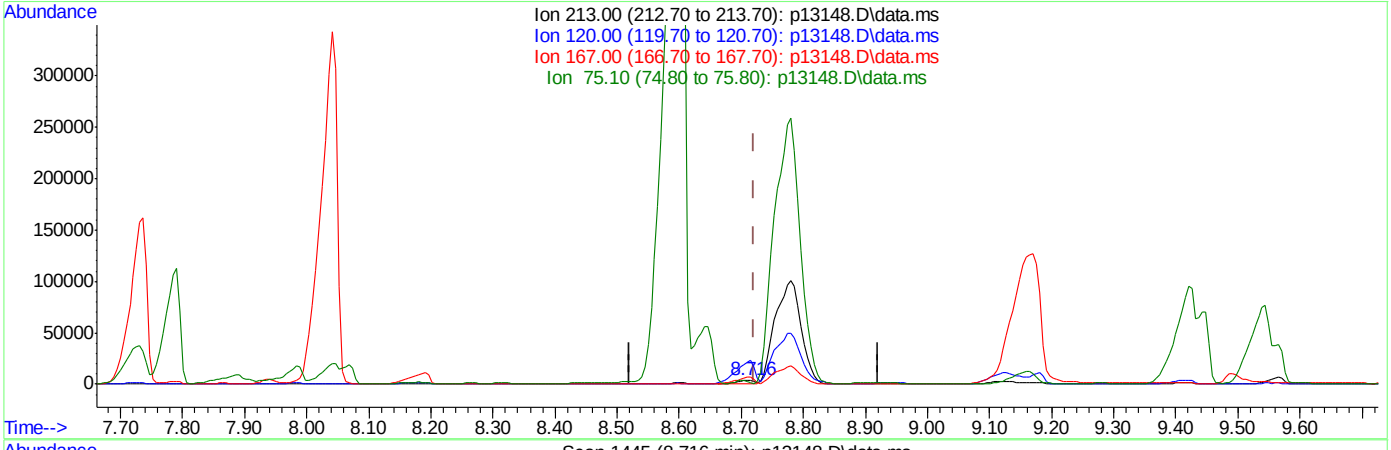
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	27.81
108.10	76.00	39.80#
0.00	0.00	0.00

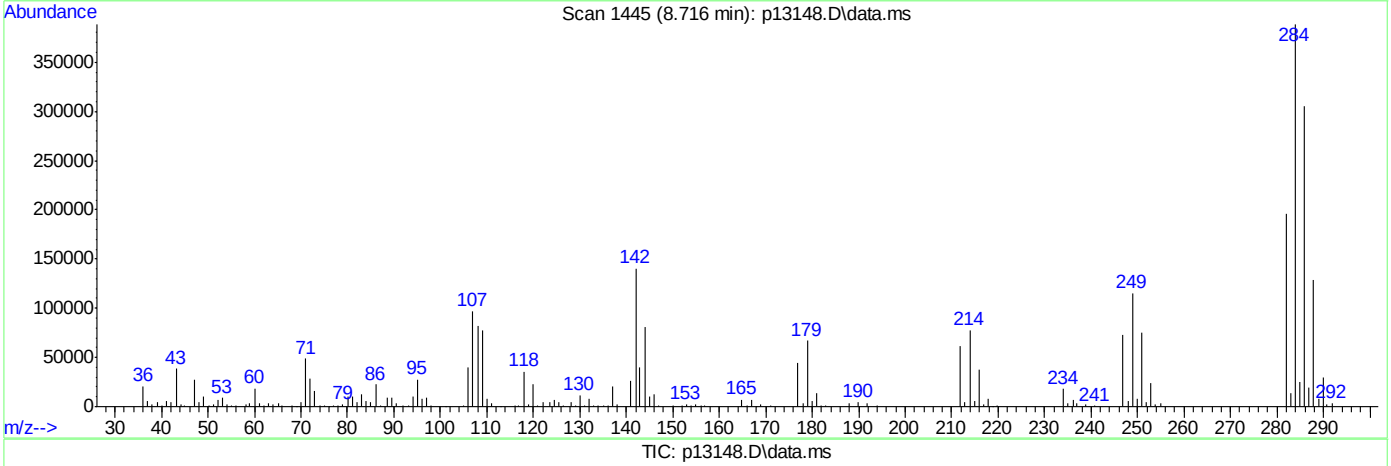
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





(95) sym-Trinitrobenzene

8.716min (-0.005) 2.04ppm

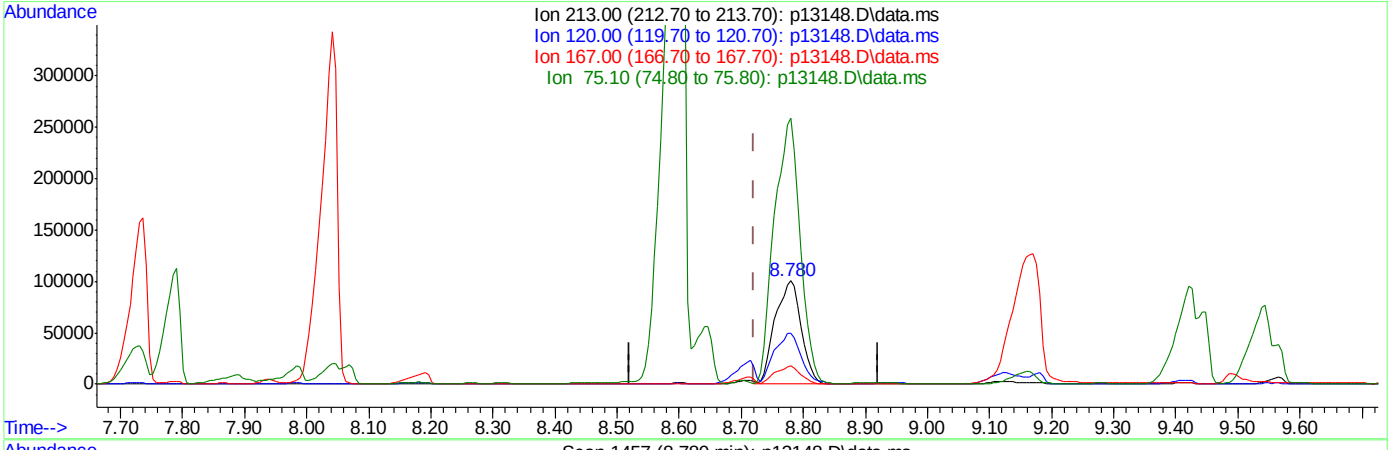
response 8406

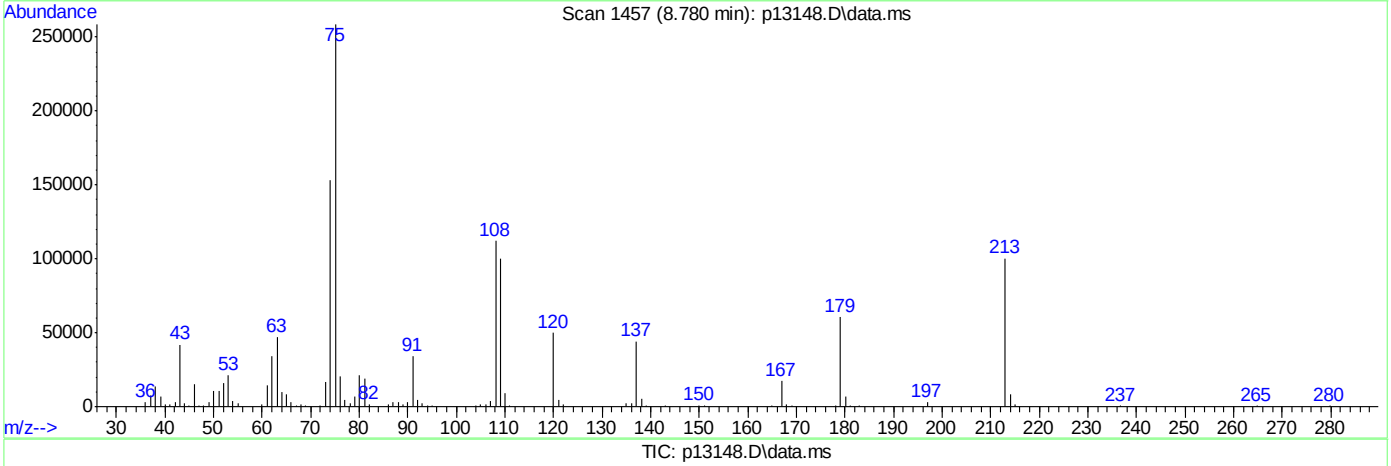
Ion	Exp%	Act%
213.00	100	100
120.00	66.70	581.51#
167.00	0.00	174.72#
75.10	247.80	46.23#

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(95) sym-Trinitrobenzene

8.780min (+0.059) 70.15ppm m

response 289335

Ion	Exp%	Act%
213.00	100	100
120.00	66.70	16.89#
167.00	0.00	5.08#
75.10	247.80	1.34#

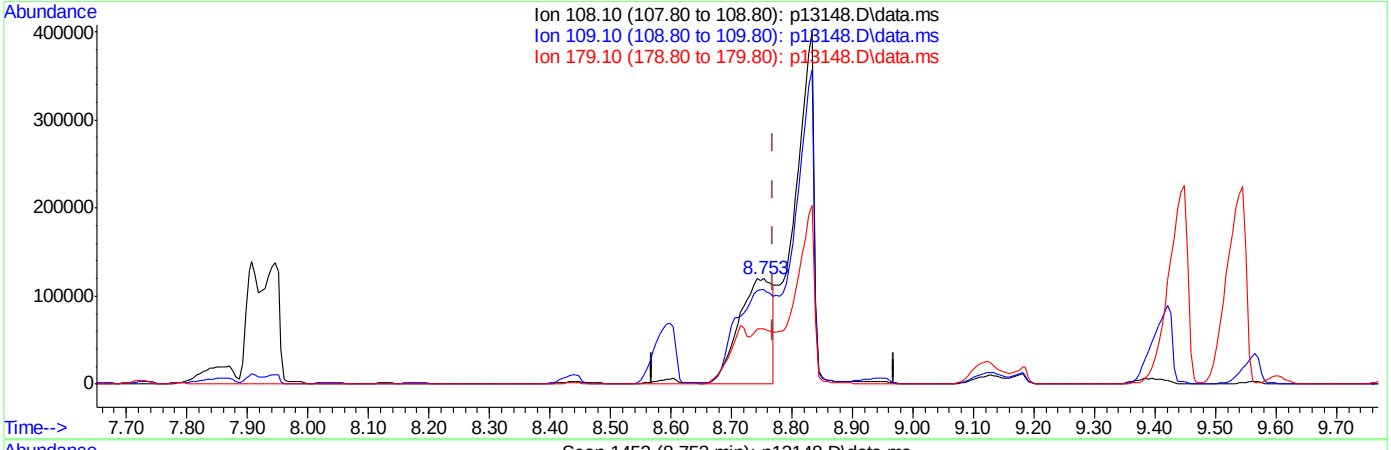
8.6.14.32

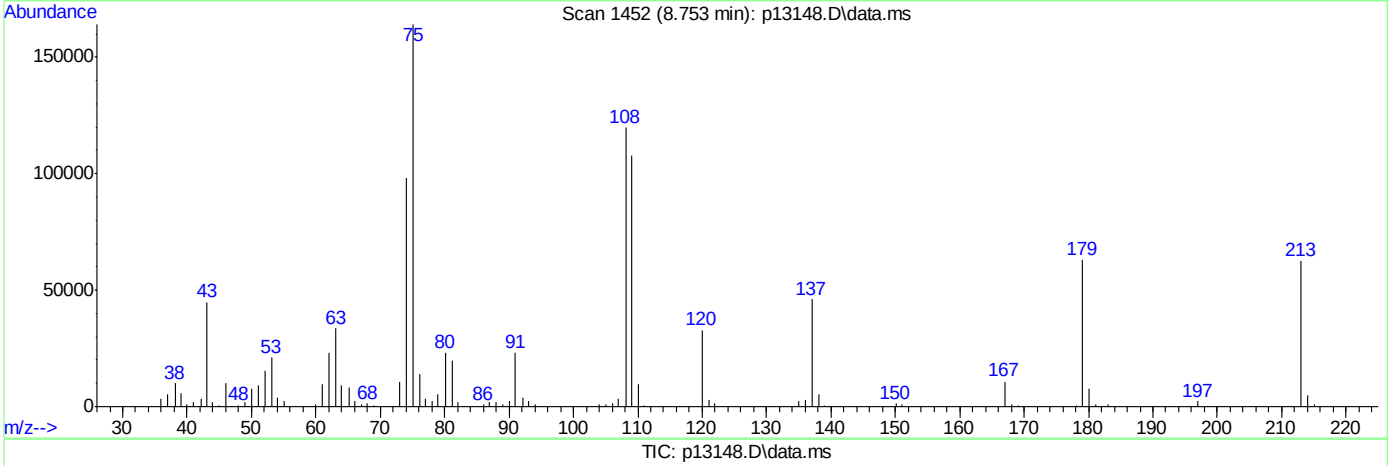
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(99) Phenacetin

8.753min (-0.016) 22.48ppm

response 458106

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	110.82#
179.10	33.00	0.00#
0.00	0.00	0.00

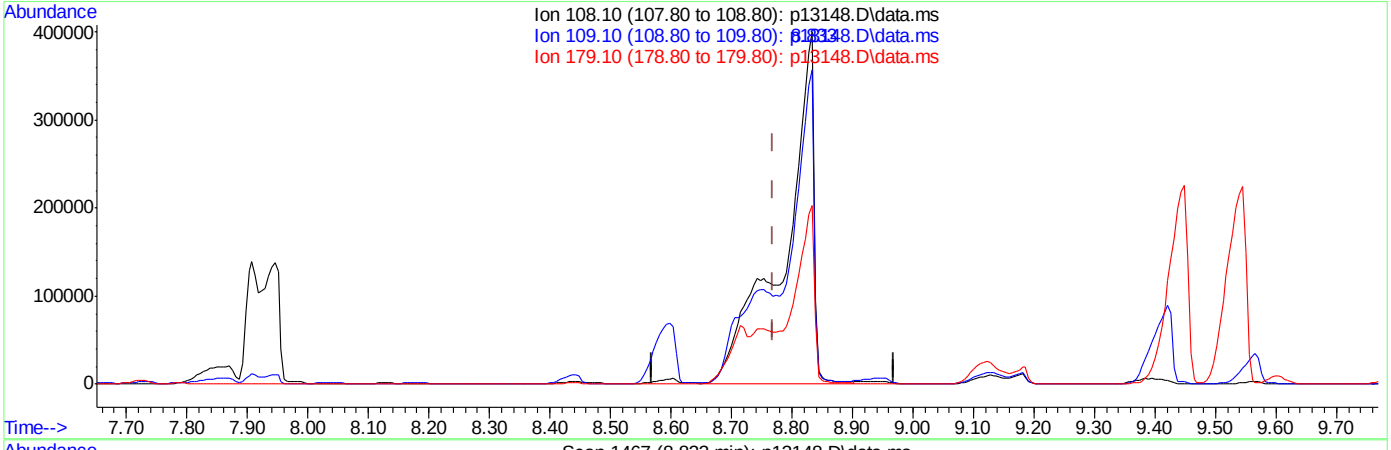
8.6.14.33

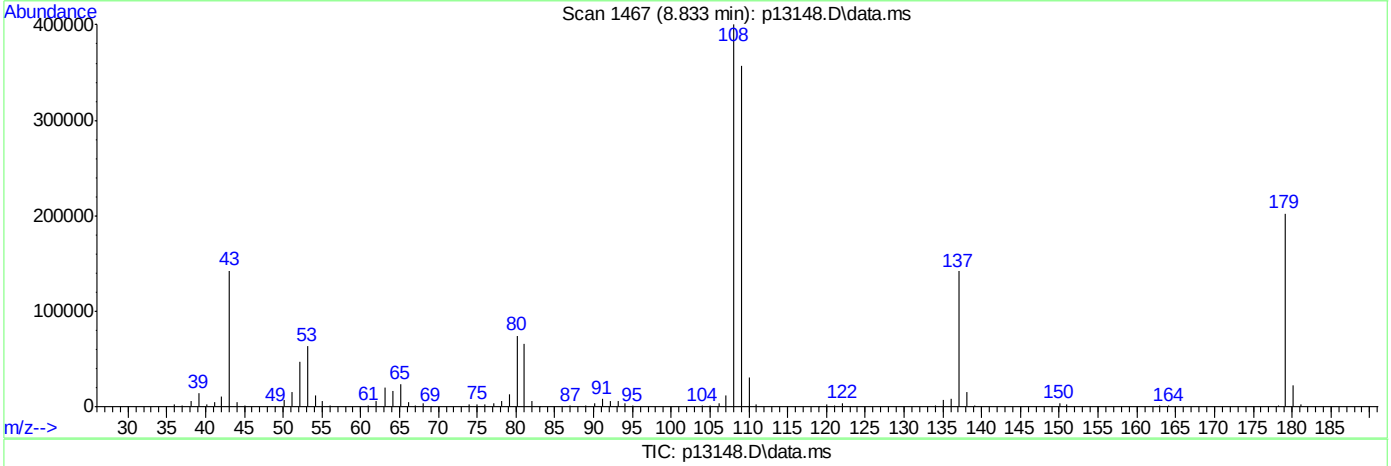
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(99) Phenacetin

8.833min (+0.064) 67.15ppm m

response 1368413

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	37.10#
179.10	33.00	0.00#
0.00	0.00	0.00

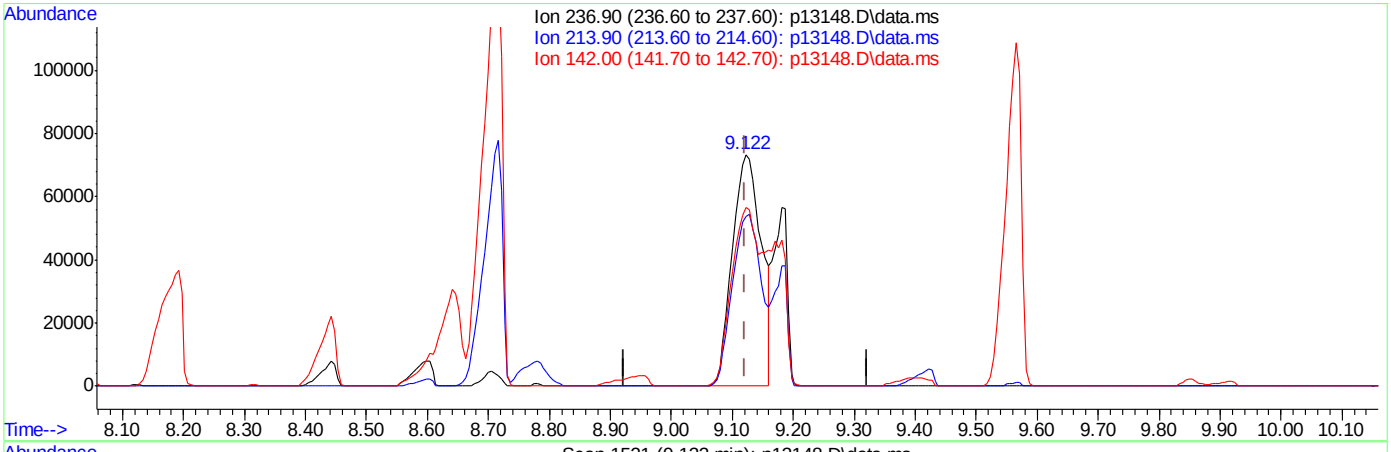
8.6.14.34

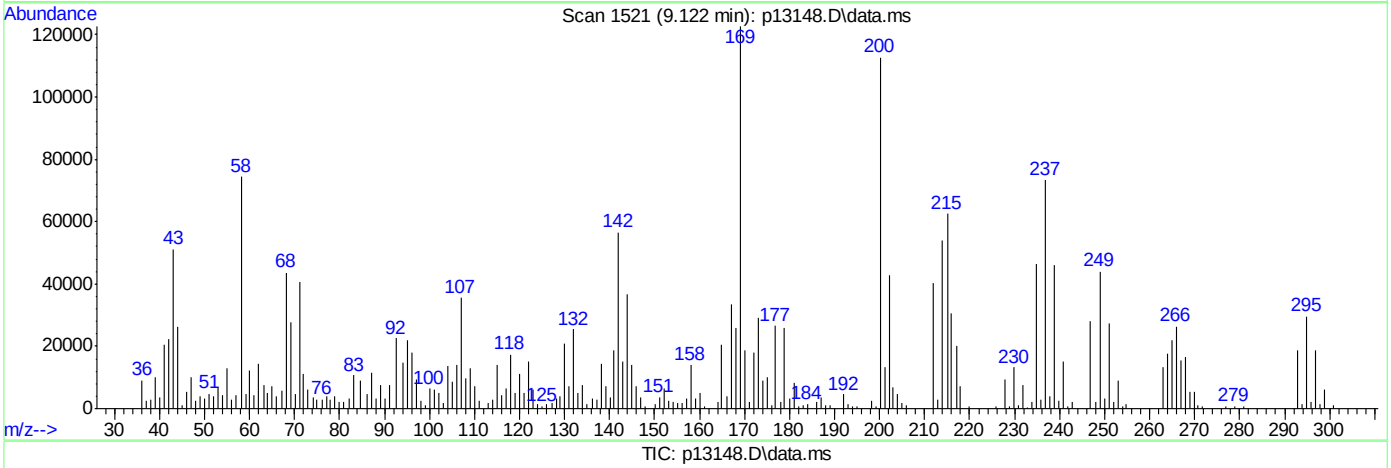
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(105) Pentachloronitrobenzene

9.122min (-0.000) 46.12ppm

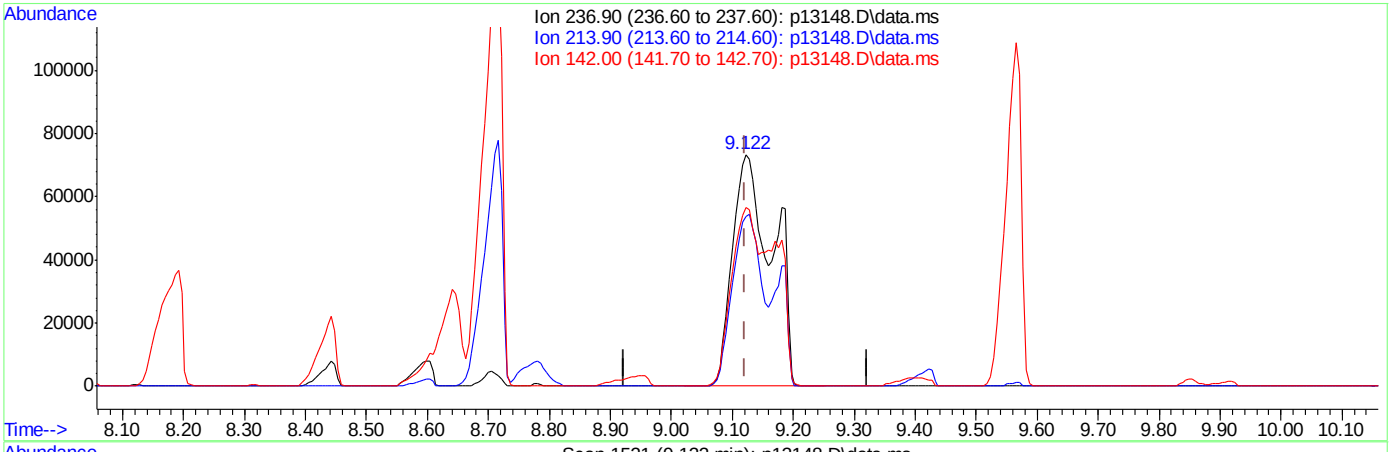
response 240804

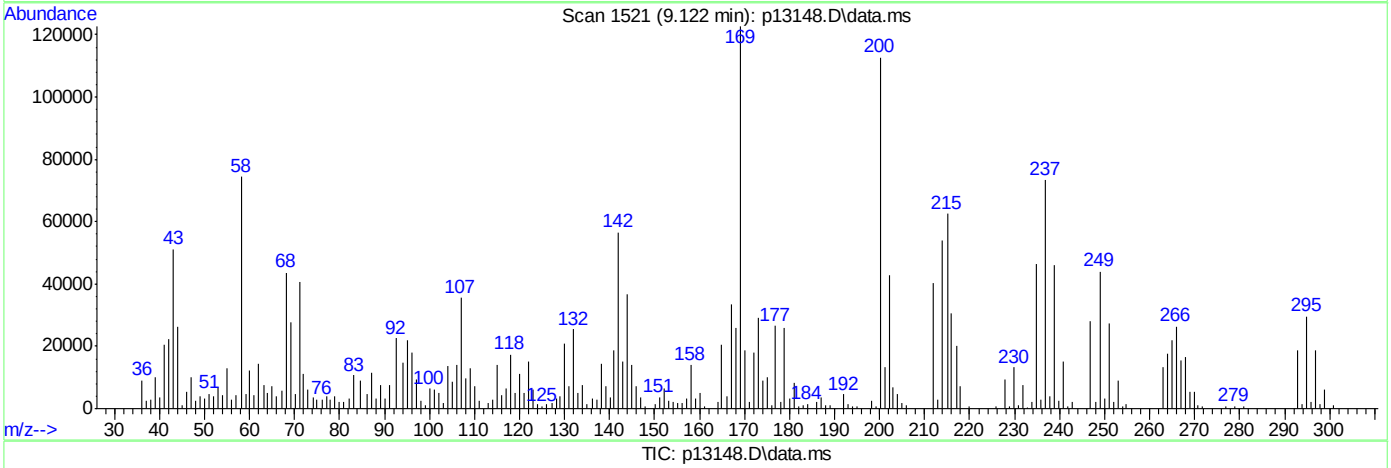
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	74.34
142.00	87.30	78.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(105) Pentachloronitrobenzene

9.122min (-0.000) 62.78ppm m

response 327827

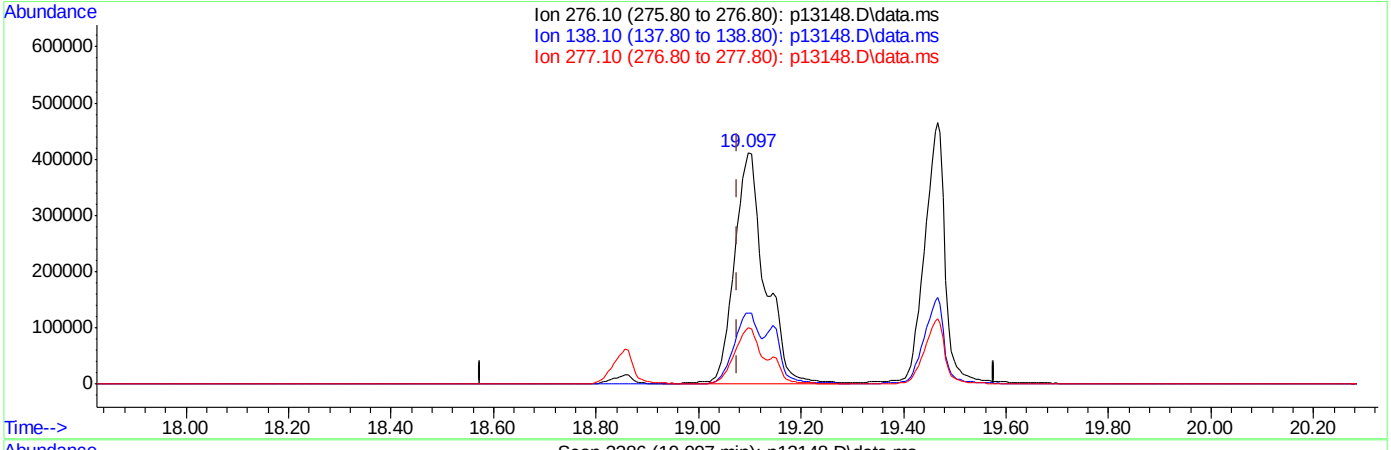
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	54.61#
142.00	87.30	57.80#
0.00	0.00	0.00

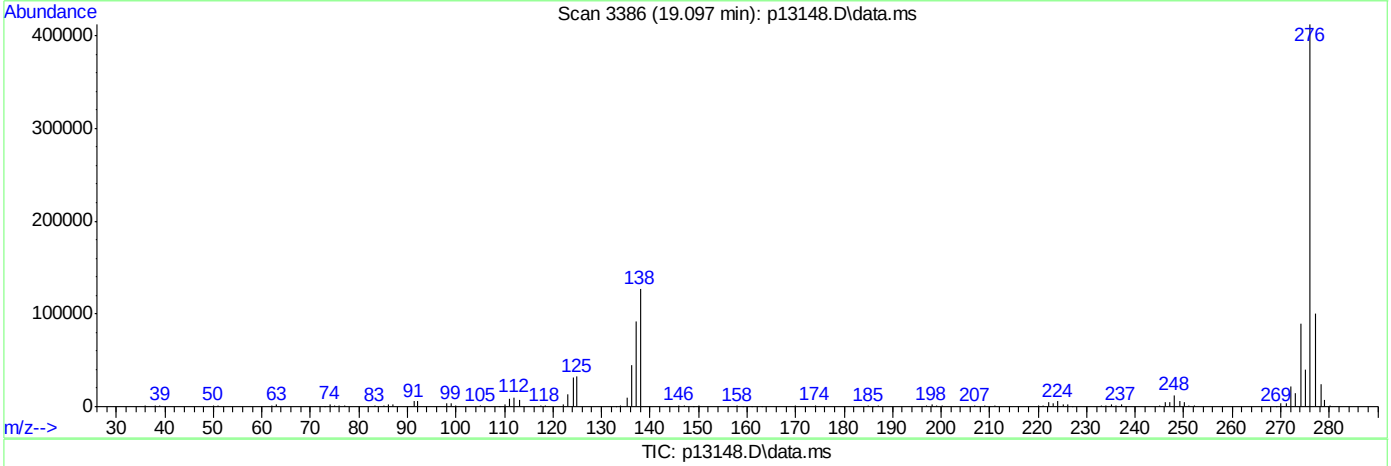
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
```





TIC: p13148.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.097min (+0.021) 92.09ppm

response 1700683

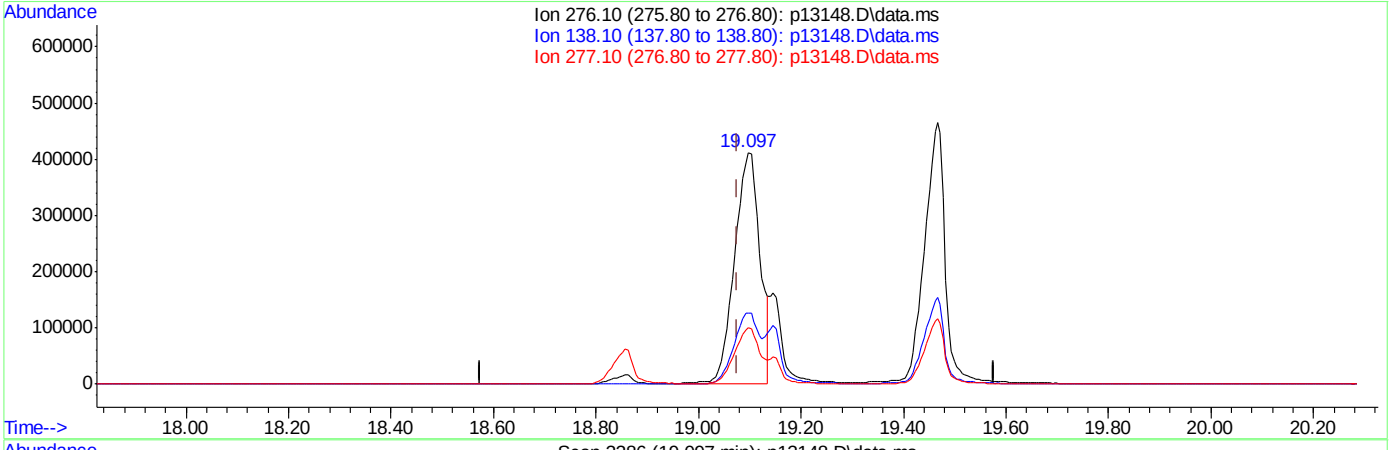
Ion	Exp%	Act%
276.10	100	100
138.10	29.00	24.88
277.10	22.90	19.84
0.00	0.00	0.00

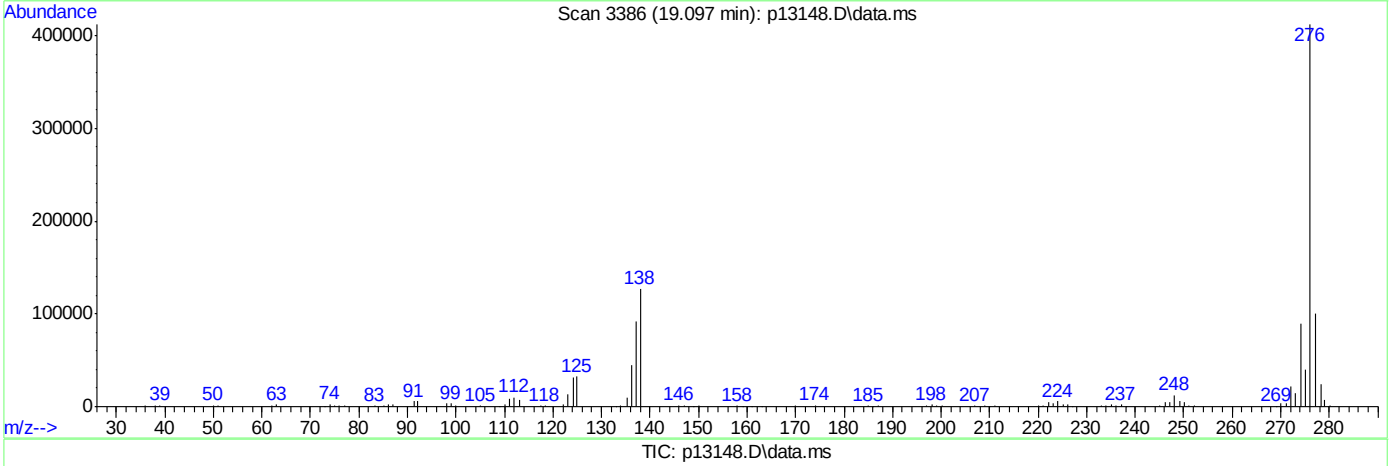
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On : 4 Sep 2010 11:04 am
Operator : garyj
Sample : ic621-75
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 11:23:41 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration





TIC: p13148.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.097min (+0.021) 76.99ppm m

response 1421873

Ion	Exp%	Act%
276.10	100	100
138.10	29.00	29.76
277.10	22.90	23.72
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13148.D
Acq On    :  4 Sep 2010  11:04 am
Operator  : garyj
Sample    : ic621-75
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 04 12:32:28 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:11:22 2010
Response via : Initial Calibration
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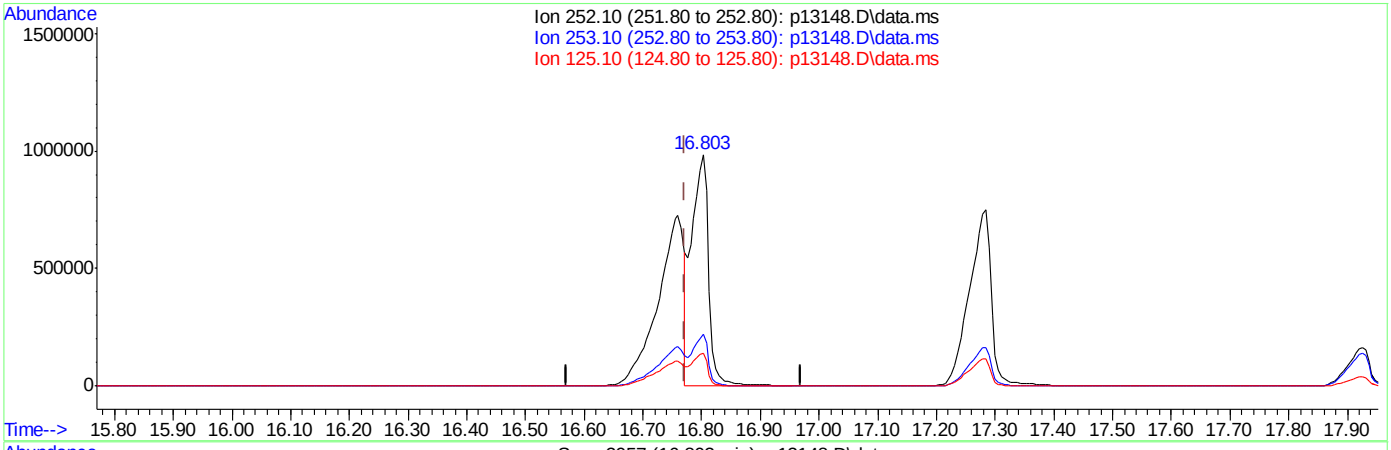

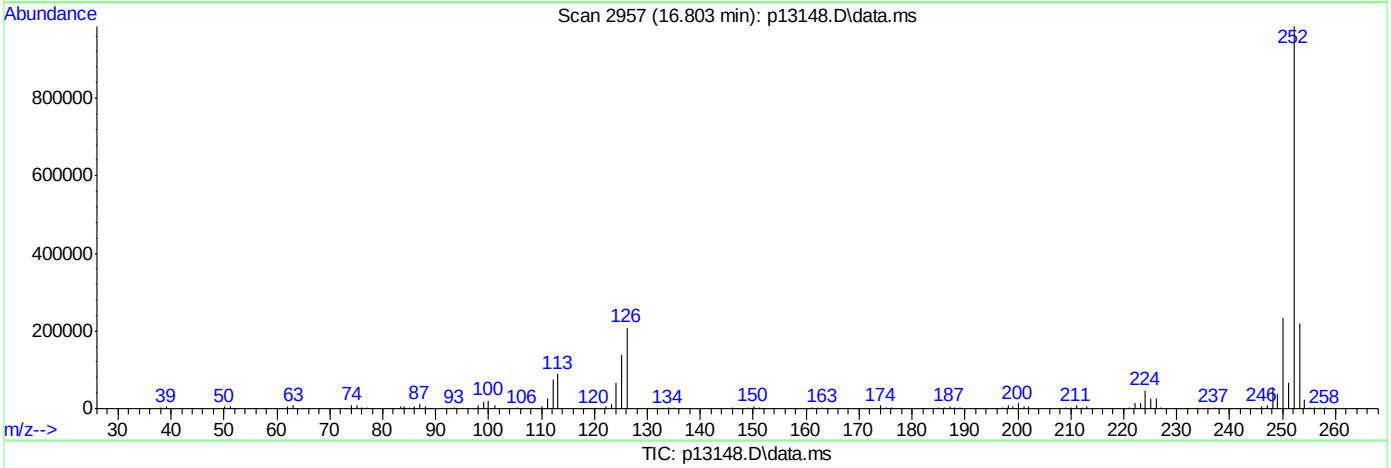

TIC: p13148.D\data.ms

(137) Benzo[k]fluoranthene

16.803min (+0.032) 56.29ppm m

response 2009911

Ion	Exp%	Act%
252.10	100	100
253.10	22.20	20.06
125.10	14.30	12.83
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.865	152	375730	40.00	ppm	0.00
31) Naphthalene-d8	4.875	136	1439216	40.00	ppm	0.01
57) Acenaphthene-d10	6.870	164	1060970	40.00	ppm	0.01
88) Phenanthrene-d10	9.406	188	2006466	40.00	ppm	0.03
118) Chrysene-d12	14.696	240	1563314	40.00	ppm	0.03
134) Perylene-d12	17.375	264	956289	40.00	ppm	0.02
System Monitoring Compounds						
13) 2-Fluorophenol	2.875	112	3895958	375.35	ppm	0.04
Spiked Amount 100.000	Range 10 - 66		Recovery = 375.35%#			
15) Phenol-d5	3.715	99	4663588	338.74	ppm	0.03
Spiked Amount 100.000	Range 10 - 53		Recovery = 338.74%#			
32) Nitrobenzene-d5	4.346	82	2338043	155.66	ppm	0.03
Spiked Amount 50.000	Range 29 - 115		Recovery = 311.32%#			
61) 2-Fluorobiphenyl	6.009	172	4480064	146.86	ppm	0.01
Spiked Amount 50.000	Range 34 - 113		Recovery = 293.72%#			
93) 2,4,6-Tribromophenol	8.218	330	1988437	435.51	ppm	0.05
Spiked Amount 100.000	Range 32 - 128		Recovery = 435.51%#			
121) Terphenyl-d14	12.695	244	5870279	210.71	ppm	0.03
Spiked Amount 50.000	Range 12 - 145		Recovery = 421.42%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.169	79	632226	84.83	ppm	86
3) 1,4-Dioxane	1.163	88	353951m	88.44	ppm	
4) N-nitrosodimethylamine	1.442	42	523208m	91.45	ppm	
5) Pyridine	1.377	79	1069638m	95.11	ppm	
6) 2-Picoline	2.185	93	1153057m	97.98	ppm	
7) N-Nitrosomethylethylamine	2.362	42	723585m	95.87	ppm	
8) Methyl methanesulfonate	2.693	80	644067	95.59	ppm	99
9) N-Nitrosodiethylamine	3.035	102	570685	93.98	ppm	99
10) Ethyl methanesulfonate	3.340	79	958736	96.35	ppm	100
11) Benzaldehyde	3.522	106	251375	71.52	ppm	100
12) Aniline	3.635	93	1594559	85.85	ppm	97
14) bis(2-Chloroethyl)ether	3.704	93	1233087m	93.27	ppm	
16) Phenol	3.725	94	1292879	86.27	ppm	92
17) 2-Chlorophenol	3.736	128	1036475	88.06	ppm	94
18) 1,3-Dichlorobenzene	3.816	146	1235770	86.67	ppm	99
19) 1,4-Dichlorobenzene	3.881	146	1316458	91.46	ppm	99
20) 1,2-Dichlorobenzene	3.998	146	1207240	87.61	ppm	99
21) Benzyl alcohol	4.046	108	804147	94.80	ppm	99
22) bis(2-chloroisopropyl)...	4.127	45	1876773	73.66	ppm	94
23) 2-Methylphenol	4.175	108	1136235m	95.12	ppm	
24) N-Nitrosopyrrolidine	4.282	100	609512m	84.78	ppm	
25) N-Nitrosomorpholine	4.292	56	753114	72.24	ppm #	52
26) o-Toluidine	4.260	106	1786738	84.55	ppm #	29
27) Acetophenone	4.234	105	1496775	84.22	ppm #	12
28) Hexachloroethane	4.250	117	456289	76.74	ppm	90
29) N-Nitroso-di-n-propyla...	4.292	70	821005m	82.36	ppm	
30) 3&4-Methylphenol	4.314	108	1079196	87.32	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33)	Nitrobenzene	4.362	77	1237451	78.78	ppm		94
34)	N-Nitrosopiperidine	4.485	42	1044159	80.63	ppm		98
35)	A,A-Dimethylphenethyla...	6.074	58	4940581m	89.89	ppm		
36)	Isophorone	4.555	82	2602529	84.26	ppm		100
37)	2-Nitrophenol	4.587	139	604866	101.46	ppm		99
38)	2,4-Dimethylphenol	4.688	107	1182427	81.46	ppm		92
39)	bis(2-Chloroethoxy)met...	4.731	93	1658245m	88.07	ppm		
40)	O,O,O-Triethyl phospho...	4.720	121	421736	63.61	ppm	#	72
41)	Benzoic Acid	4.924	105	625912m	219.26	ppm		
42)	2,4-Dichlorophenol	4.811	162	961351	90.99	ppm		98
43)	1,2,4-Trichlorobenzene	4.833	180	1142660	86.86	ppm		99
44)	Naphthalene	4.897	128	2973868	77.24	ppm		100
45)	4-Chloroaniline	4.977	127	1324738	84.42	ppm		89
46)	2,6-Dichlorophenol	4.988	162	941492	89.48	ppm		99
47)	Hexachloropropene	4.966	213	527272	113.33	ppm		99
48)	Hexachlorobutadiene	5.020	225	707856	85.10	ppm		99
49)	p-Phenylenediamine	5.389	108	392620m	113.21	ppm		
50)	Caprolactam	5.442	113	453897	90.61	ppm	#	91
51)	N-Nitrosodi-n-butylamine	5.325	84	1011802m	82.13	ppm		
52)	4-Chloro-3-methylphenol	5.523	107	1107285	89.66	ppm	#	32
53)	Isosafrole	5.496	162	940832	86.56	ppm		96
54)	2-Methylnaphthalene	5.560	142	2304440m	83.64	ppm		
55)	1-Methylnaphthalene	5.667	142	2160630	79.82	ppm		99
56)	1,2,4,5-Tetrachloroben...	5.753	216	1192779	90.10	ppm		100
58)	Hexachlorocyclopentadiene	5.742	237	385196	158.33	ppm	#	100
59)	2,4,6-Trichlorophenol	5.945	196	785184	97.77	ppm		100
60)	2,4,5-Trichlorophenol	6.020	196	665962	86.93	ppm		100
62)	Safrole	6.122	162	2677466m	145.85	ppm		
63)	1,1'-Biphenyl	6.143	154	2294753	69.36	ppm		100
64)	2-Chloronaphthalene	6.122	162	2302341m	82.76	ppm		
65)	1-Chloronaphthalene	6.159	162	904444m	44.87	ppm		
66)	2-Nitroaniline	6.320	65	926268m	87.99	ppm		
67)	1,4-Naphthoquinone	6.378	158	827784	72.26	ppm		97
68)	Acenaphthylene	6.673	152	3530759	76.64	ppm		100
69)	Dimethylphthalate	6.646	163	2868031m	80.91	ppm		
70)	m-Dinitrobenzene	6.517	168	461178	90.35	ppm		99
71)	2,6-Dinitrotoluene	6.683	165	639375	82.05	ppm		86
72)	Acenaphthene	6.940	153	2259665	76.16	ppm		100
73)	3-Nitroaniline	6.924	138	671598	92.32	ppm		96
74)	2,4-Dinitrophenol	7.122	184	399128	141.47	ppm		97
75)	Dibenzofuran	7.202	168	3273043	78.51	ppm		99
76)	Pentachlorobenzene	7.154	250	1145260	89.94	ppm		100
77)	2,4-Dinitrotoluene	7.314	165	900307	83.78	ppm		92
78)	4-Nitrophenol	7.400	109	416108m	105.54	ppm		
79)	1-Naphthylamine	7.341	143	1846129	105.38	ppm		98
80)	2-Naphthylamine	7.502	143	1654835	111.56	ppm		99
81)	2,3,4,6-Tetrachlorophenol	7.464	232	731075	107.30	ppm		97
82)	Fluorene	7.753	166	2686216	76.53	ppm		100
83)	4-Chlorophenyl-phenyle...	7.806	204	1475773	85.44	ppm		96
84)	Diethylphthalate	7.753	149	2869400	73.89	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.924	152	890099	105.63	ppm		97
86)	Thionazin	7.871	97	792187	82.09	ppm		98
87)	4-Nitroaniline	7.999	138	748690m	111.40	ppm		
89)	4,6-Dinitro-2-methylph...	8.026	198	523812	112.23	ppm	#	76
90)	n-Nitrosodiphenylamine	8.063	169	2364318	76.87	ppm		97
91)	1,2-Diphenylhydrazine	8.085	77	3532298	77.95	ppm		97
92)	Diphenylamine	8.063	169	2364318	76.87	ppm		97
94)	Tetraethyl dithiopyrop...	8.464	97	596445	75.84	ppm	#	85
95)	sym-Trinitrobenzene	8.823	213	360718m	86.17	ppm		
96)	Diallate	8.603	43	1190005	59.42	ppm	#	85
97)	Phorate	8.625	75	1884872	73.47	ppm		97
98)	4-Bromophenyl-phenylether	8.662	248	931562	88.32	ppm		94
99)	Phenacetin	8.876	108	1752541m	85.43	ppm		
100)	Hexachlorobenzene	8.732	284	1012060	90.19	ppm		94
101)	Dimethoate	8.983	87	827915	53.40	ppm		99
102)	Atrazine	9.160	200	387815	47.81	ppm		89
103)	4-aminobiphenyl	9.176	169	2402269	77.51	ppm		100
104)	Pentachlorophenol	9.197	266	519473m	128.35	ppm		
105)	Pentachloronitrobenzene	9.128	237	431434m	83.07	ppm		
106)	Pronamide	9.448	173	1346640	77.80	ppm		95
107)	Phenanthrene	9.465	178	3989247	75.69	ppm		100
108)	Anthracene	9.566	178	4086599	77.17	ppm		99
109)	Disulfoton	9.582	88	1805250	76.79	ppm		98
110)	Carbazole	9.941	167	3974505	77.44	ppm		100
111)	Methyl parathion	10.272	109	823683	58.63	ppm		99
112)	Di-n-butylphthalate	10.823	149	5410128	71.15	ppm		100
113)	4-Nitroquinoline 1-Oxide	11.026	190	345081	95.01	ppm		99
114)	Parathion	11.112	97	810390	75.36	ppm		97
115)	Methapyrilene	11.294	58	530599	62.80	ppm	#	99
116)	Isodrin	11.422	193	584197	78.01	ppm		96
117)	Fluoranthene	11.764	202	4564915	75.29	ppm		99
119)	Benzidine	12.166	184	984031	77.72	ppm		98
120)	Pyrene	12.187	202	4712778	97.98	ppm		98
122)	Aramite	12.952	185	295470	83.48	ppm		86
123)	p-(Dimethylamine)azobe...	12.995	120	1436548	92.42	ppm		96
124)	Chlorobenzilate	13.150	139	1600710	92.35	ppm		94
126)	3,3'-Dimethylbenzidine	13.669	212	1278167	88.11	ppm		98
127)	Famphur	13.626	218	20886	4.23	ppm	#	100
128)	Butylbenzylphthalate	13.813	149	2160710	84.77	ppm		100
129)	2-Acetylaminofluorene	14.262	181	1205031	85.41	ppm		98
130)	3,3'-Dichlorobenzidine	14.744	252	1088959	109.68	ppm		98
131)	Benzo[a]anthracene	14.669	228	3551445	86.60	ppm		100
132)	Chrysene	14.760	228	3095238	81.15	ppm		100
133)	bis(2-Ethylhexyl)phtha...	15.123	149	2909238	82.73	ppm		99
135)	Di-n-octylphthalate	16.396	149	4068444	79.81	ppm		99
136)	Benzo[b]fluoranthene	16.771	252	2841113	92.40	ppm		99
137)	Benzo[k]fluoranthene	16.814	252	2009487	68.28	ppm		99
138)	7,12-Dimethylbenz(a)an...	16.744	256	1169024	117.15	ppm		98
140)	Benzo[a]pyrene	17.290	252	2232599	84.03	ppm		100
141)	3-Methylcholanthrene	17.937	268	1107306	91.90	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.103	276	1501501m	91.78	ppm	
143) Dibenz[a,h]anthracene	19.156	278	1496942	84.16	ppm	97
144) Benzo[g,h,i]perylene	19.472	276	1328063	76.49	ppm	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.6.15

8

Quantitation Report   (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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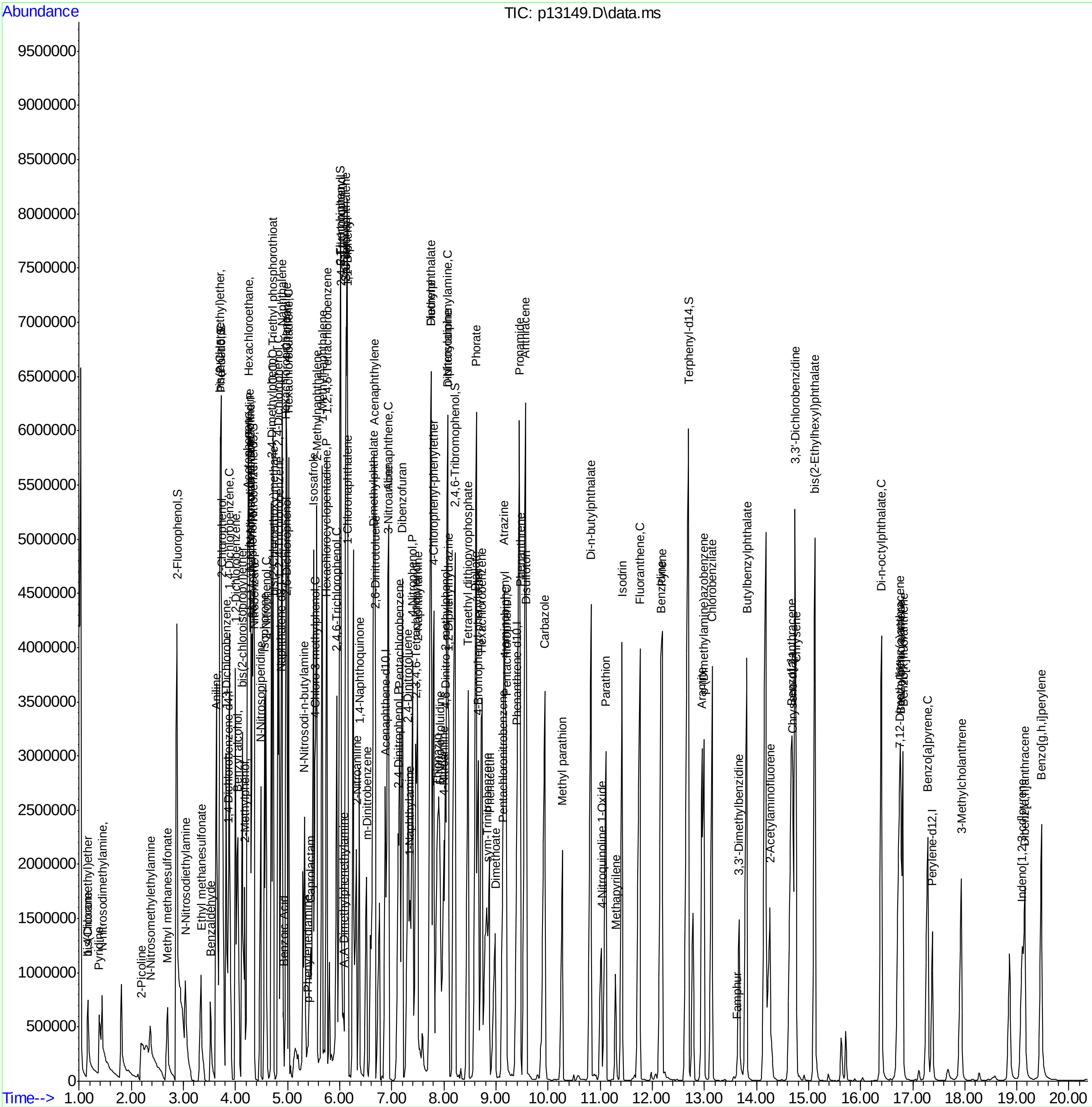
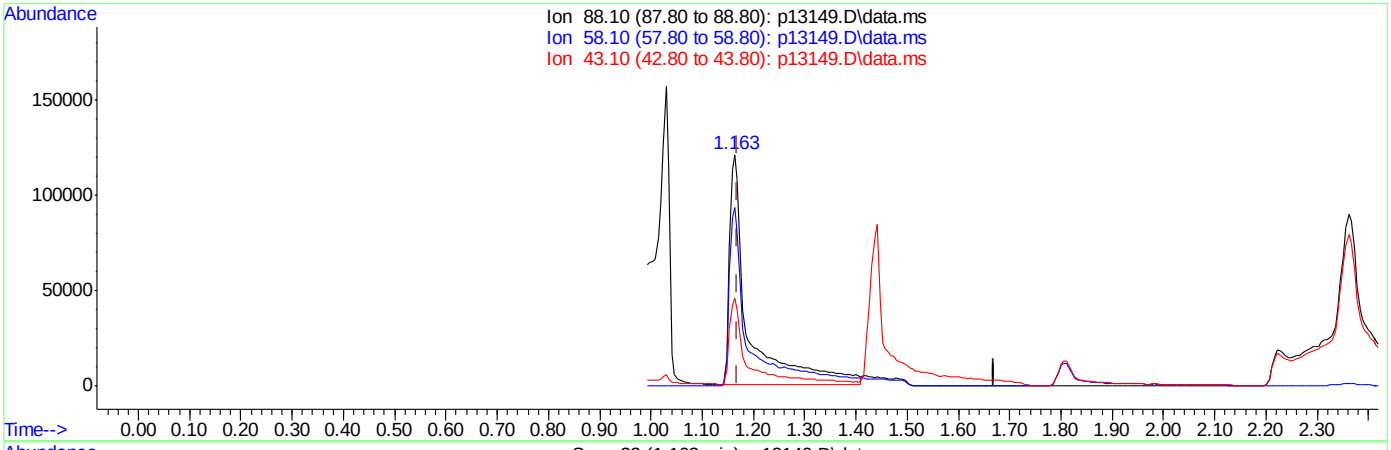
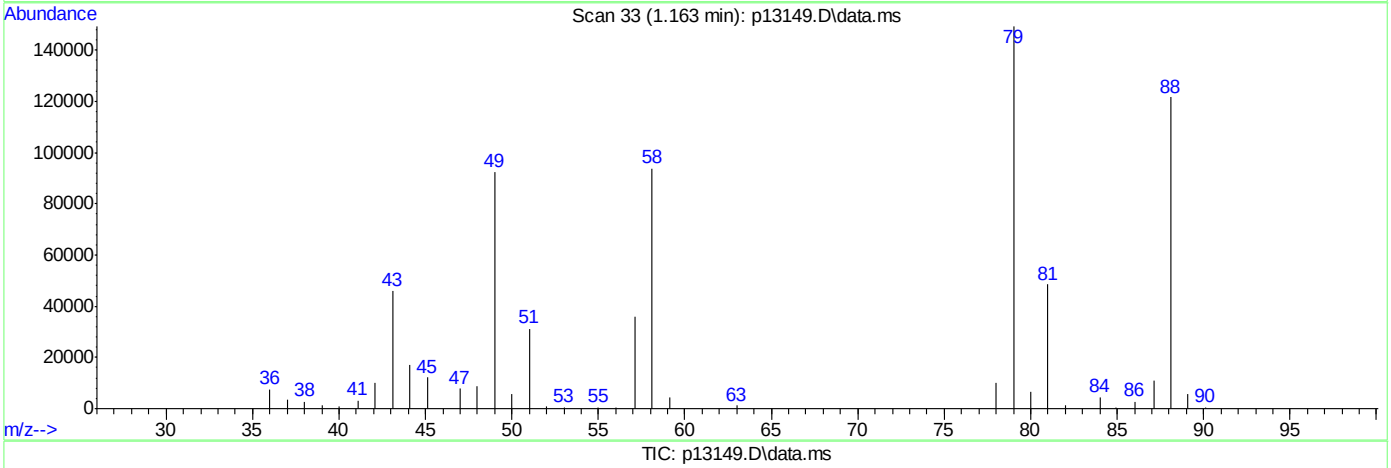


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(3) 1,4-Dioxane

1.163min (-0.006) 79.66ppm

response 318824

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	86.48
43.10	0.00	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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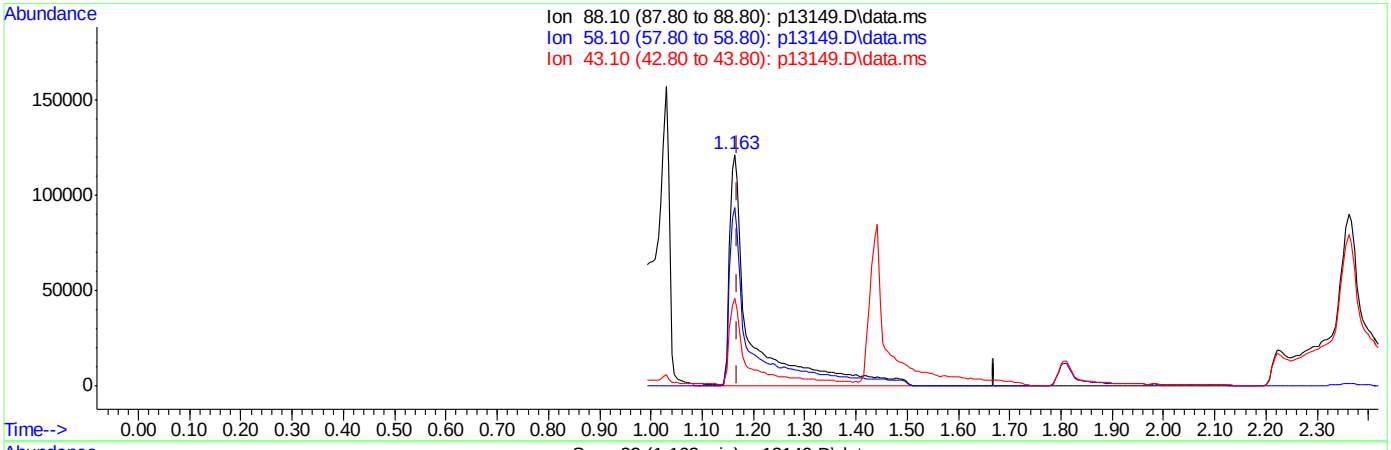
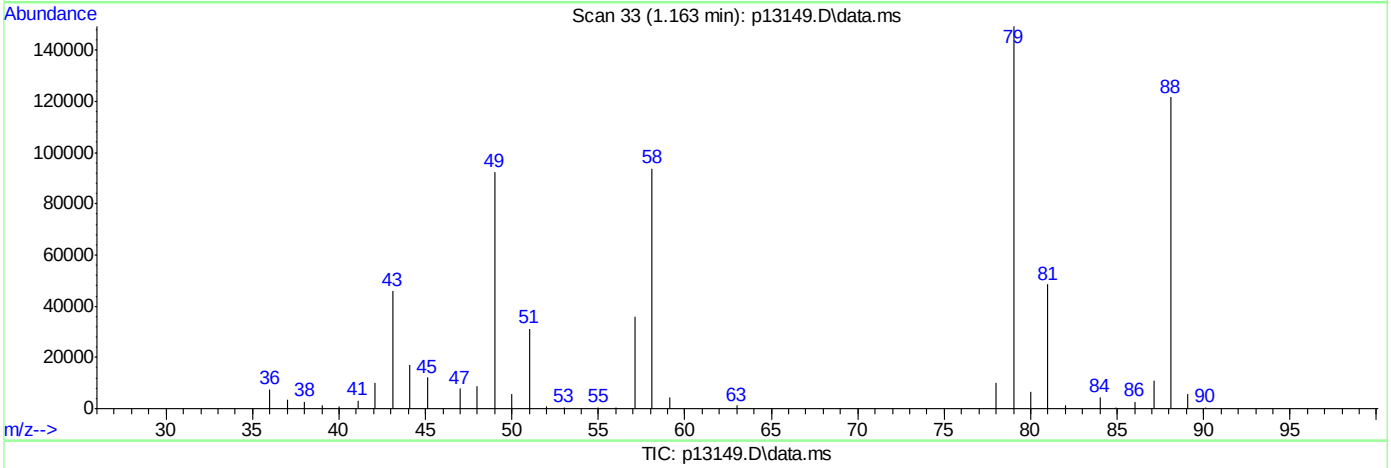




TIC: p13149.D\data.ms

(3) 1,4-Dioxane

1.163min (-0.006) 88.44ppm m

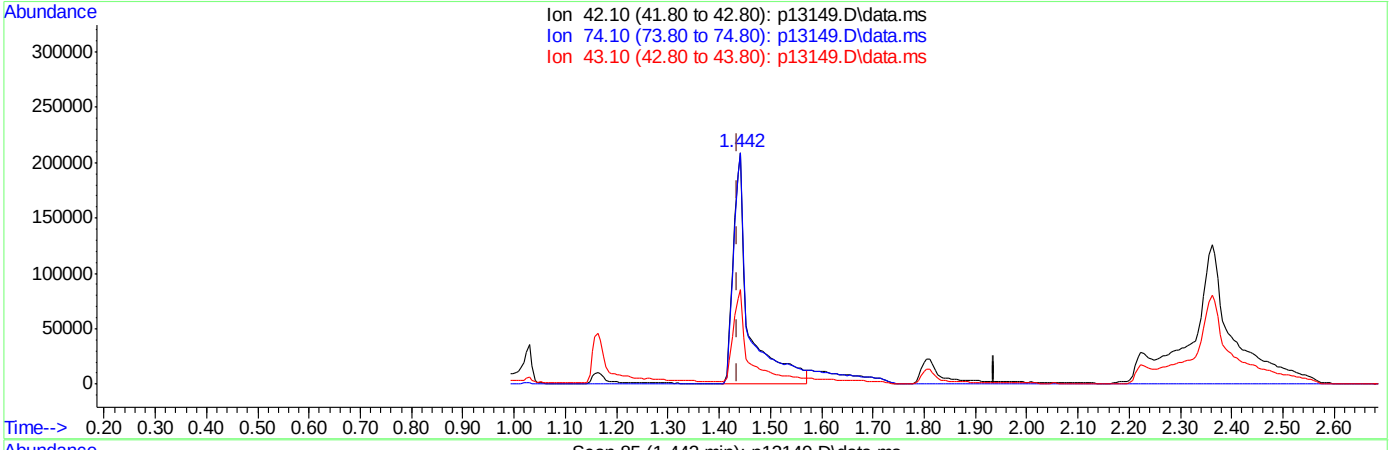
response 353951

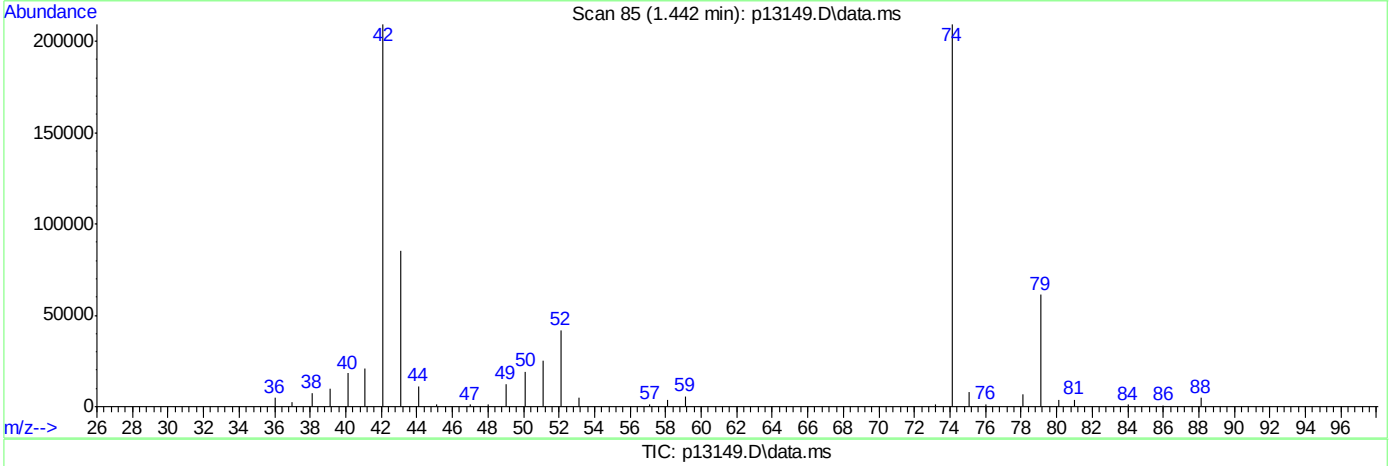
Ion	Exp%	Act%
88.10	100	100
58.10	79.30	77.90
43.10	0.00	30.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(4) N-nitrosodimethylamine ( )

1.442min (+0.006) 76.35ppm

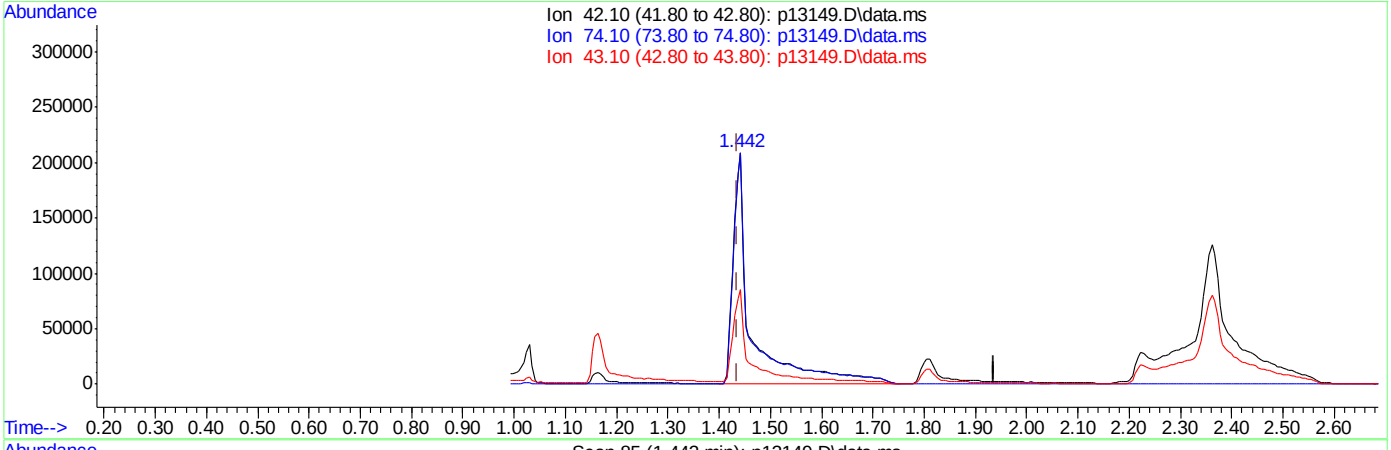
response 436799

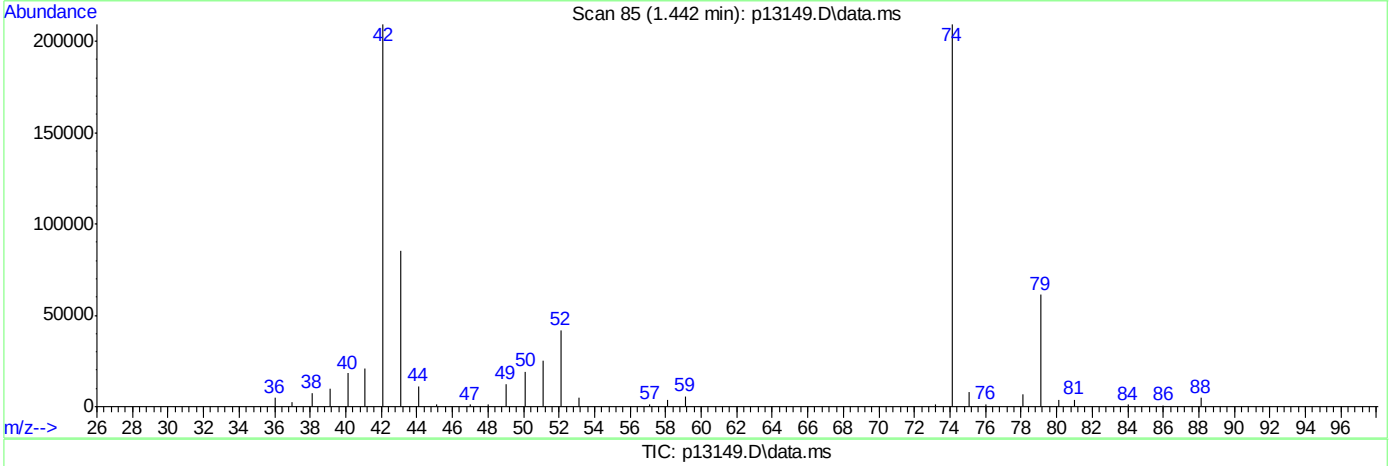
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	117.47
43.10	31.90	40.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(4) N-nitrosodimethylamine ( )

1.442min (+0.006) 91.45ppm m

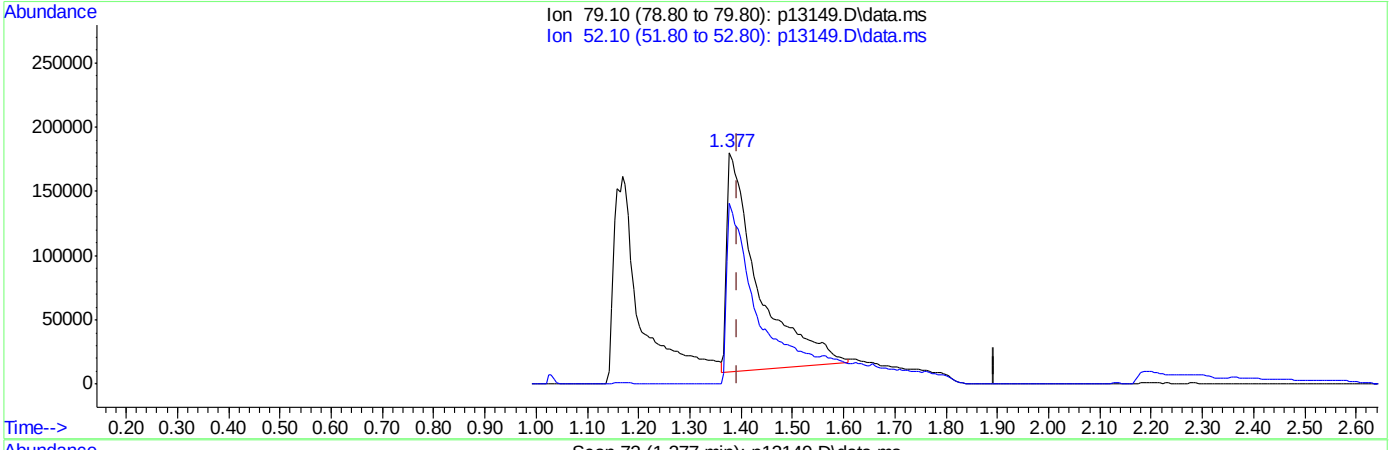
response 523208

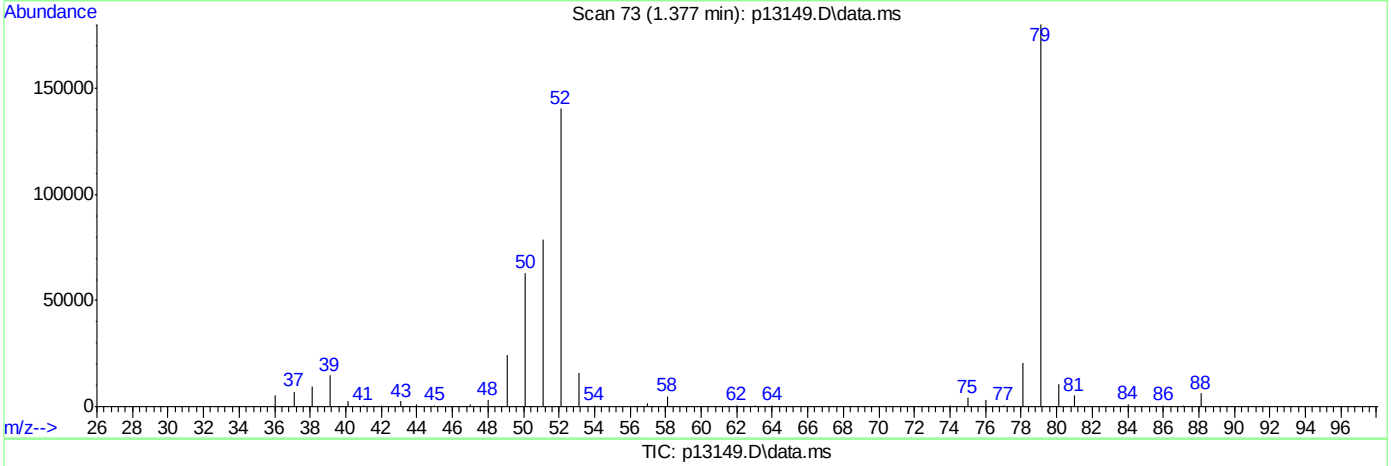
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	98.07
43.10	31.90	33.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(5) Pyridine ( )

1.377min (-0.016) 64.10ppm

response 720906

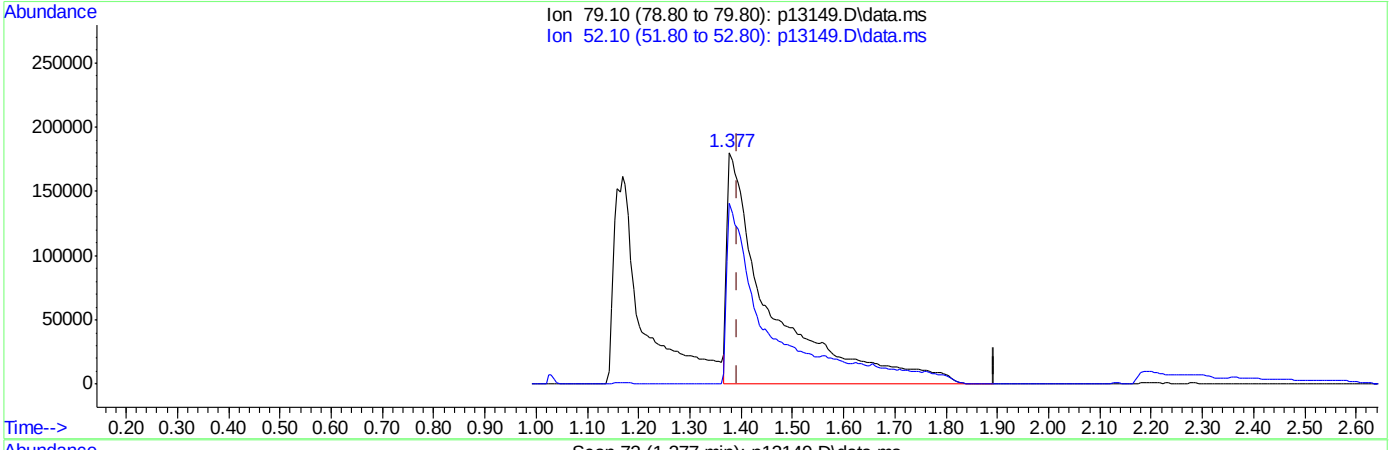
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	83.20
0.00	0.00	0.00
0.00	0.00	0.00

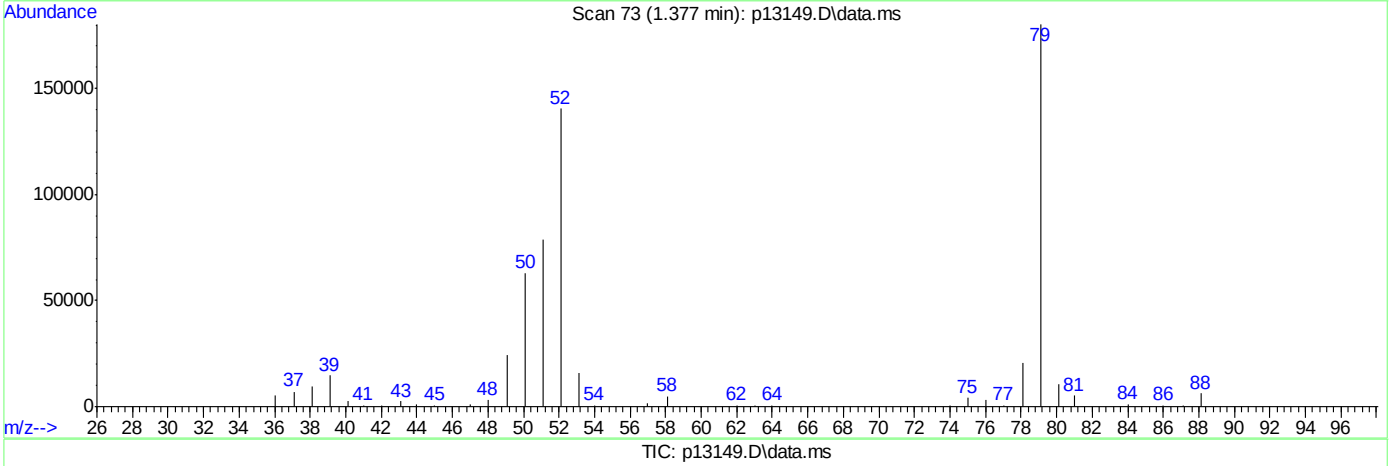
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(5) Pyridine ( )

1.377min (-0.016) 95.11ppm m

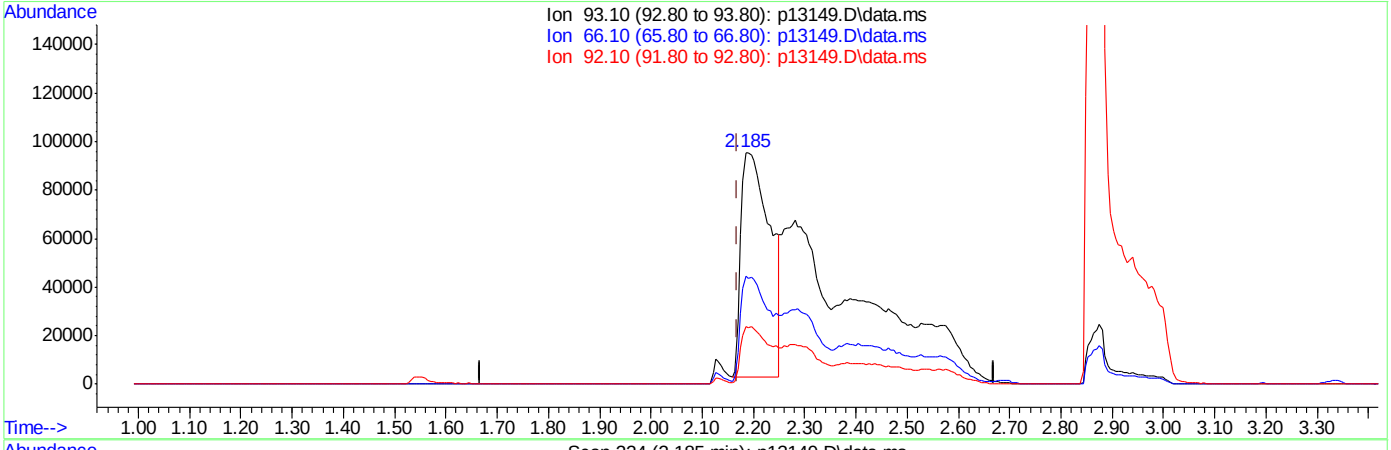
response 1069638

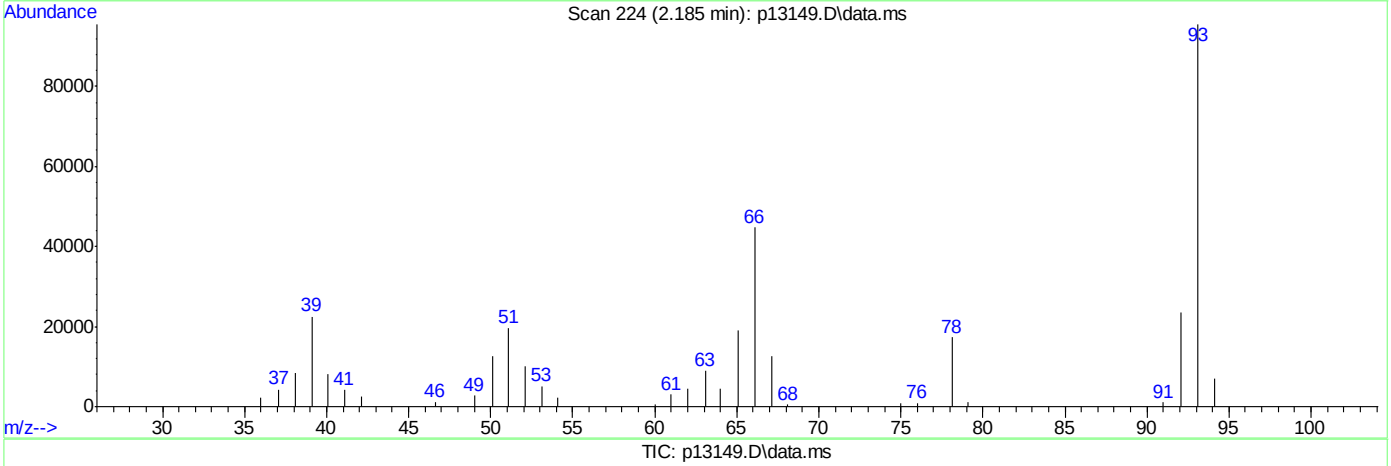
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	56.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(6) 2-Picoline

2.185min (+0.016) 30.79ppm

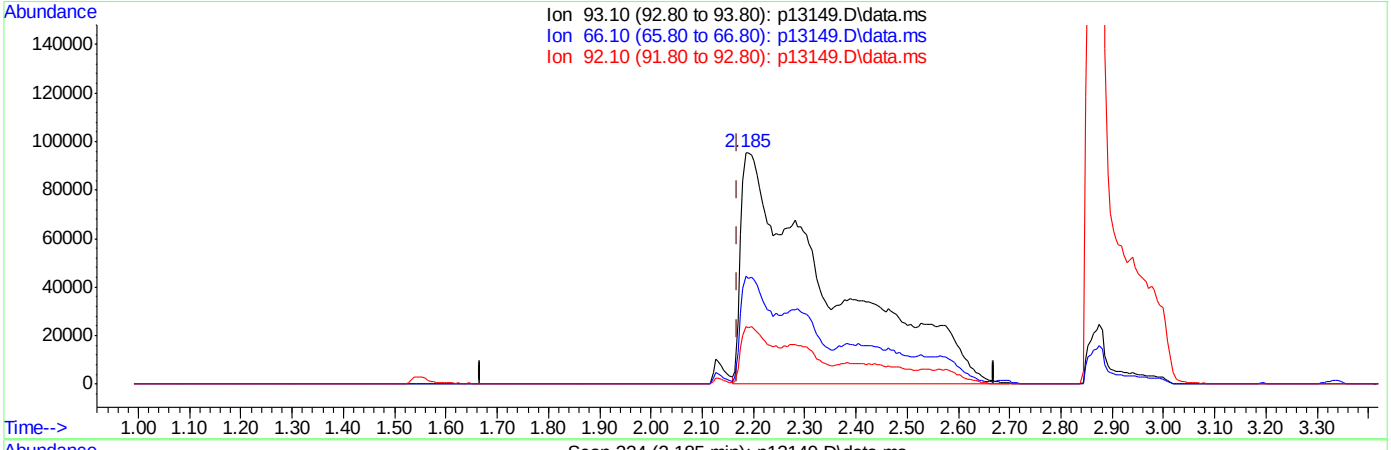
response 362360

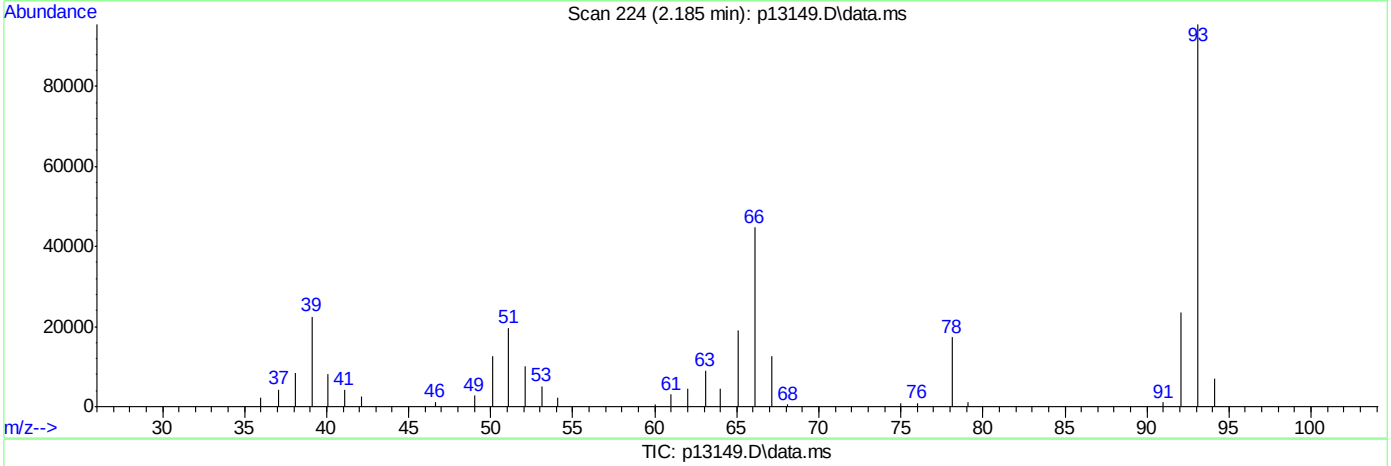
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	46.91#
92.10	0.00	26.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(6) 2-Picoline

2.185min (+0.016) 97.98ppm m

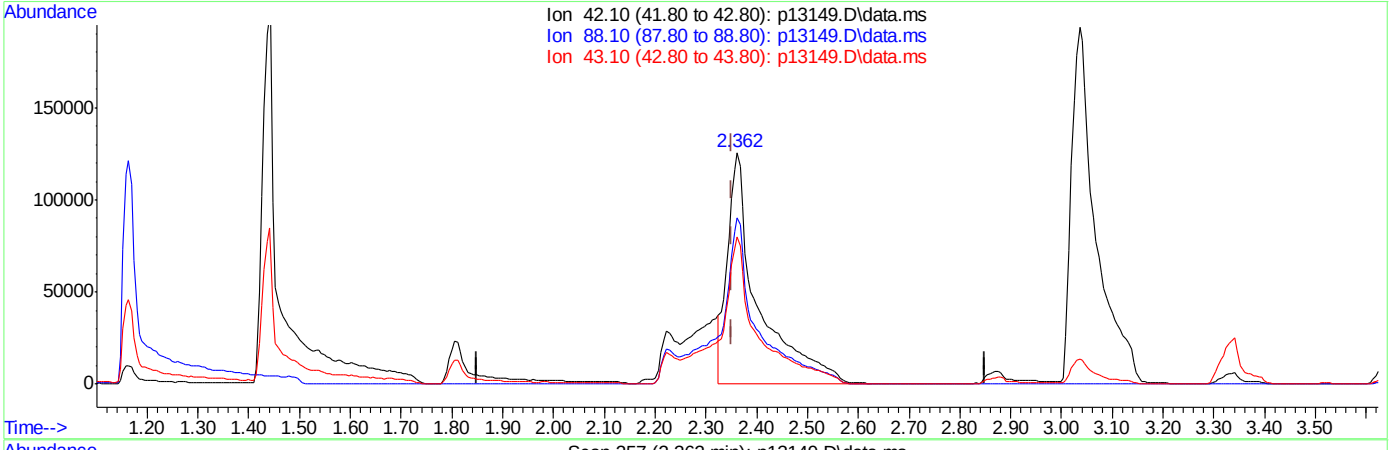
response 1153057

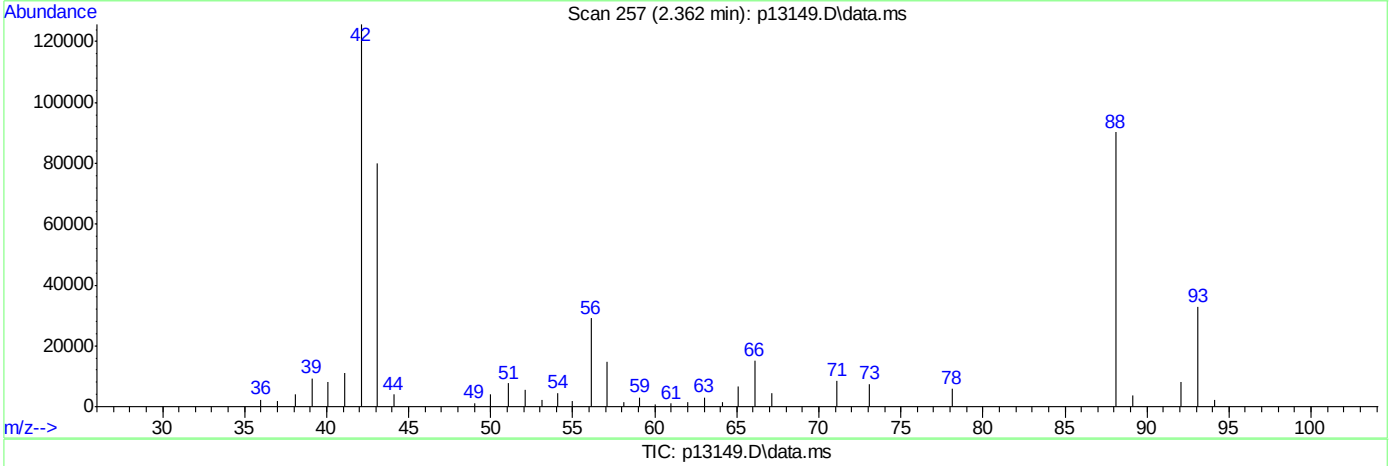
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	14.74#
92.10	0.00	8.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(7) N-Nitrosomethylethylamine

2.362min (+0.011) 69.68ppm

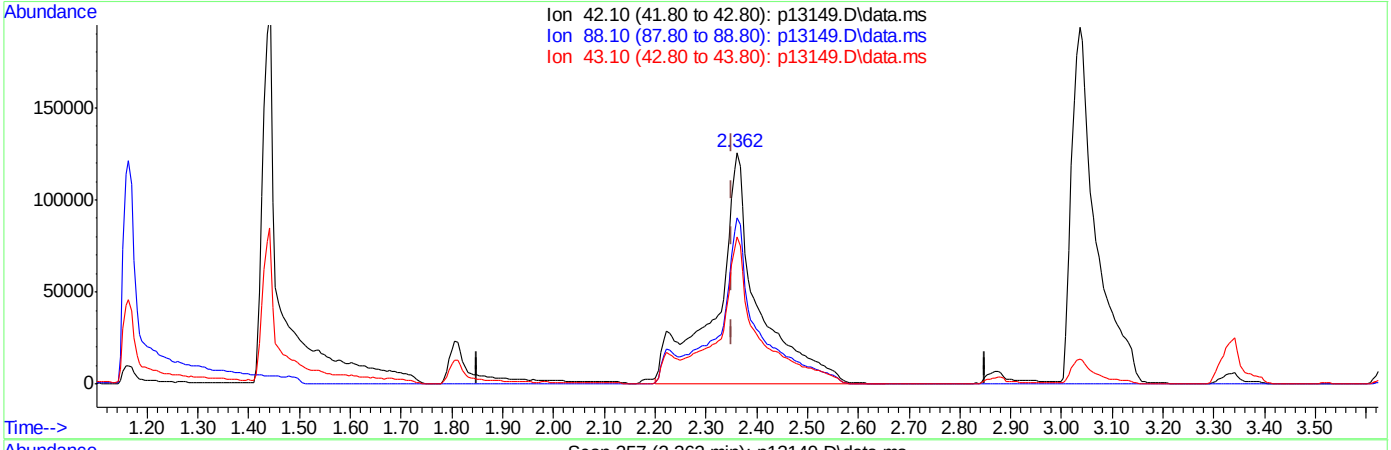
response 525901

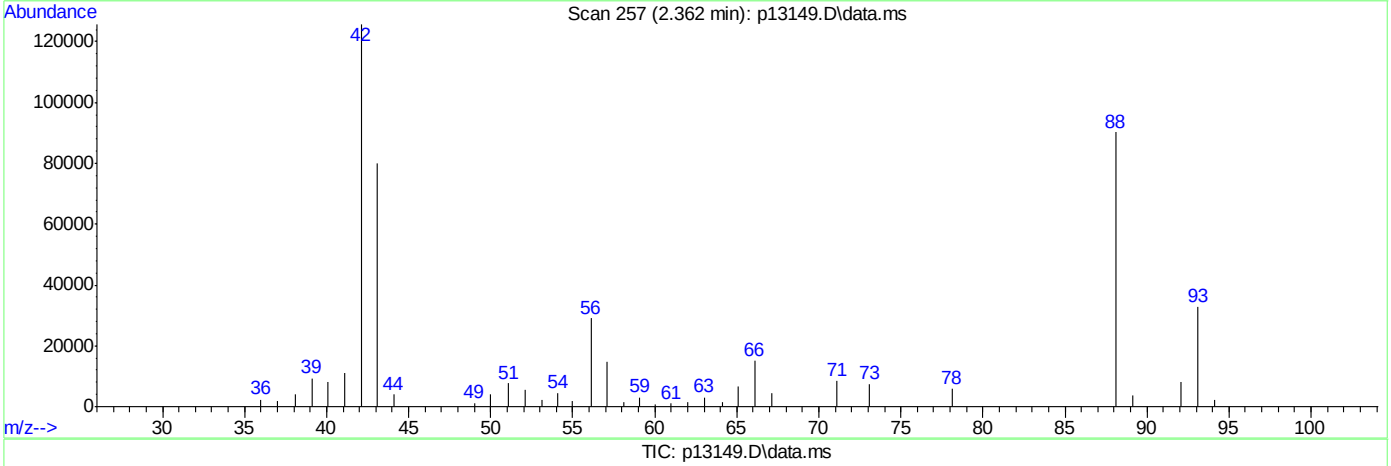
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	69.80#
43.10	46.60	62.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(7) N-Nitrosomethylethylamine

2.362min (+0.011) 95.87ppm m

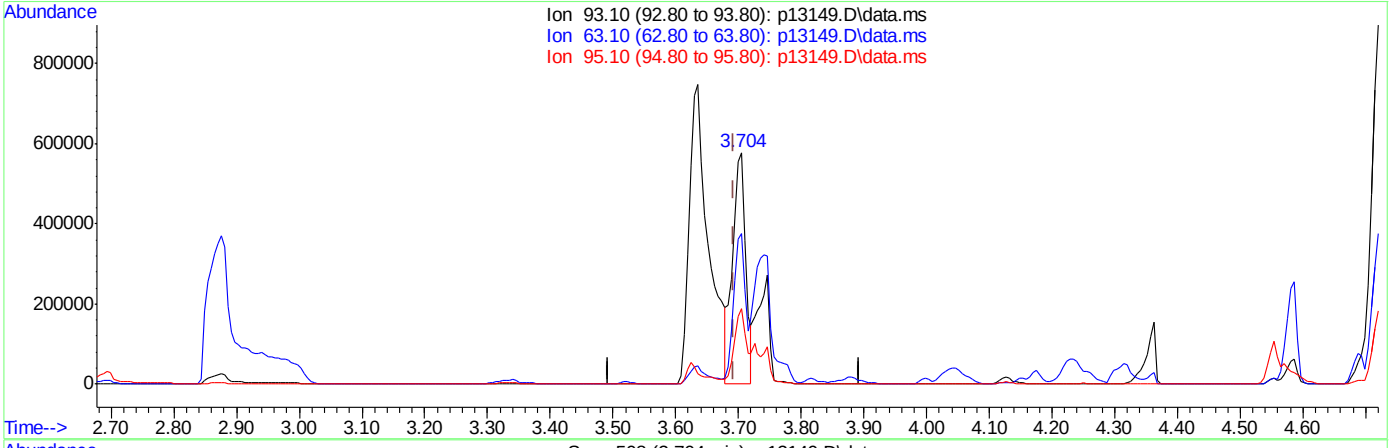
response 723585

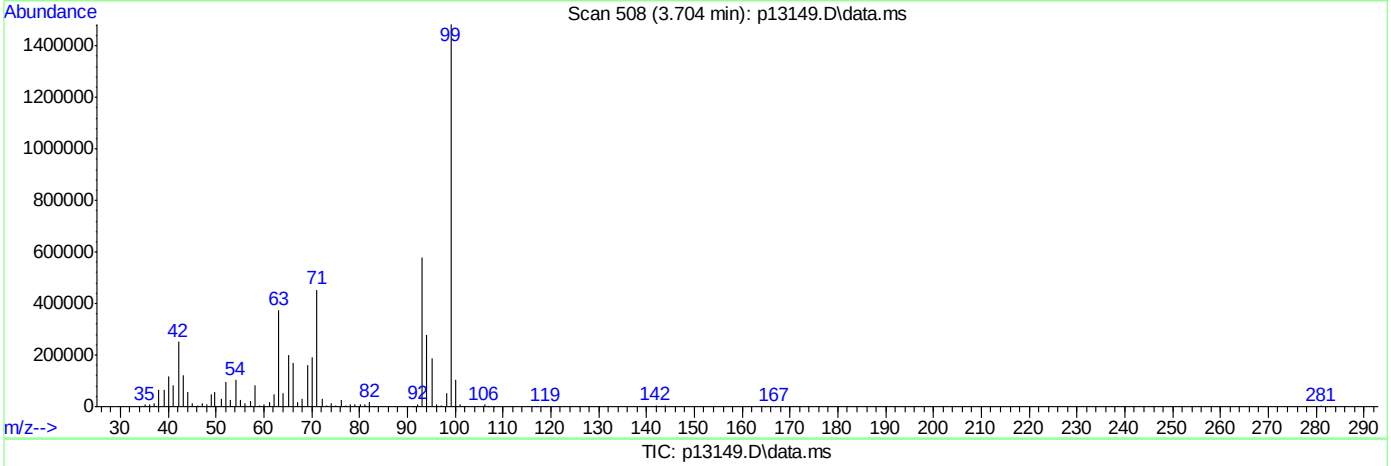
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	50.73
43.10	46.60	45.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.704min (+0.011) 64.94ppm

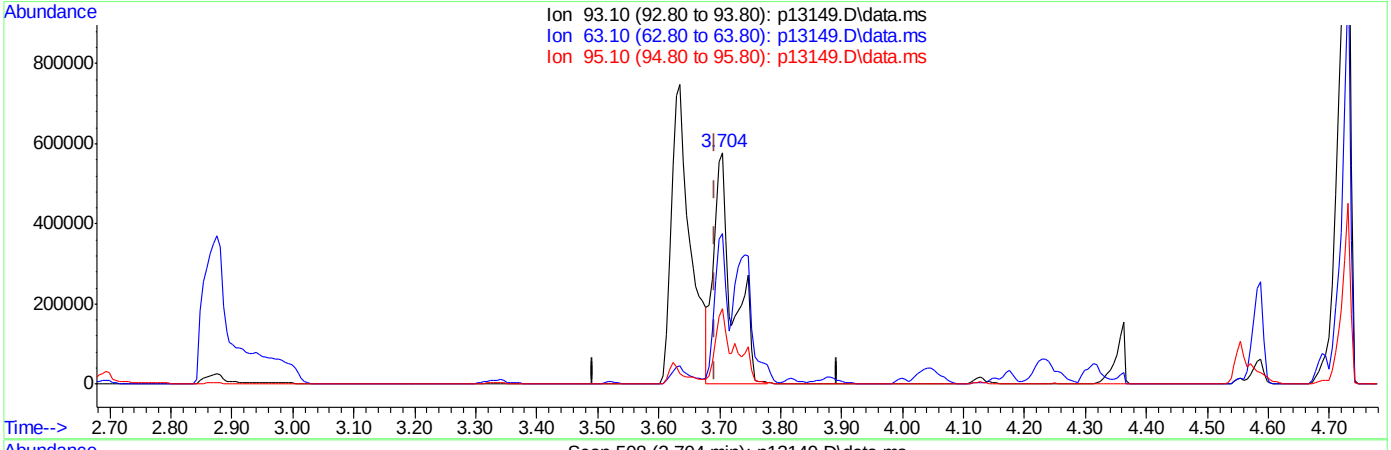
response 858528

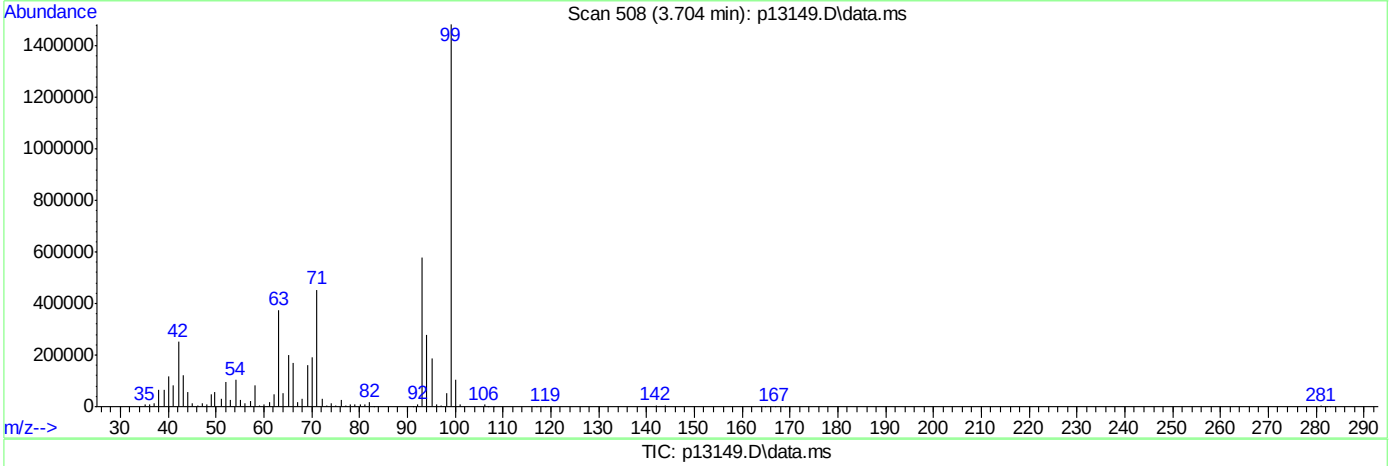
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	57.45
95.10	39.40	27.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.704min (+0.011) 93.27ppm m

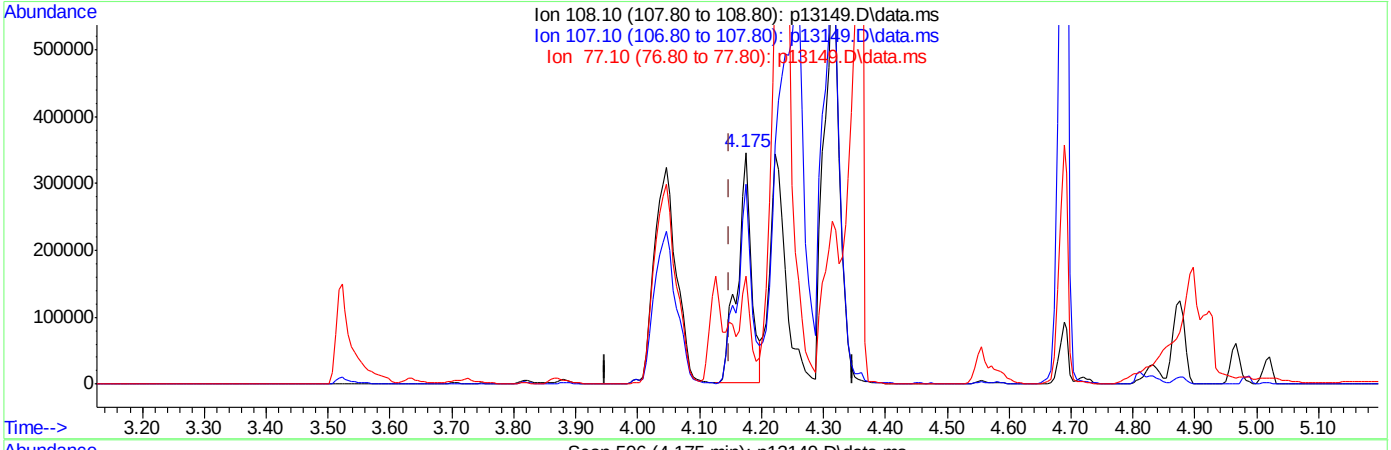
response 1233087

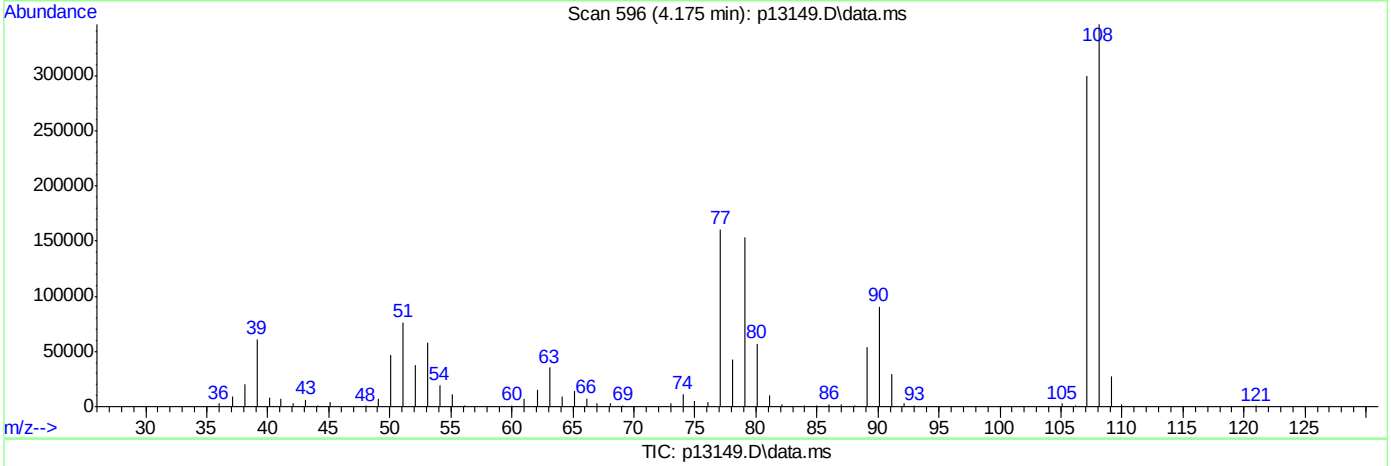
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	40.00
95.10	39.40	19.12
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(23) 2-Methylphenol ( )

4.175min (+0.027) 44.88ppm

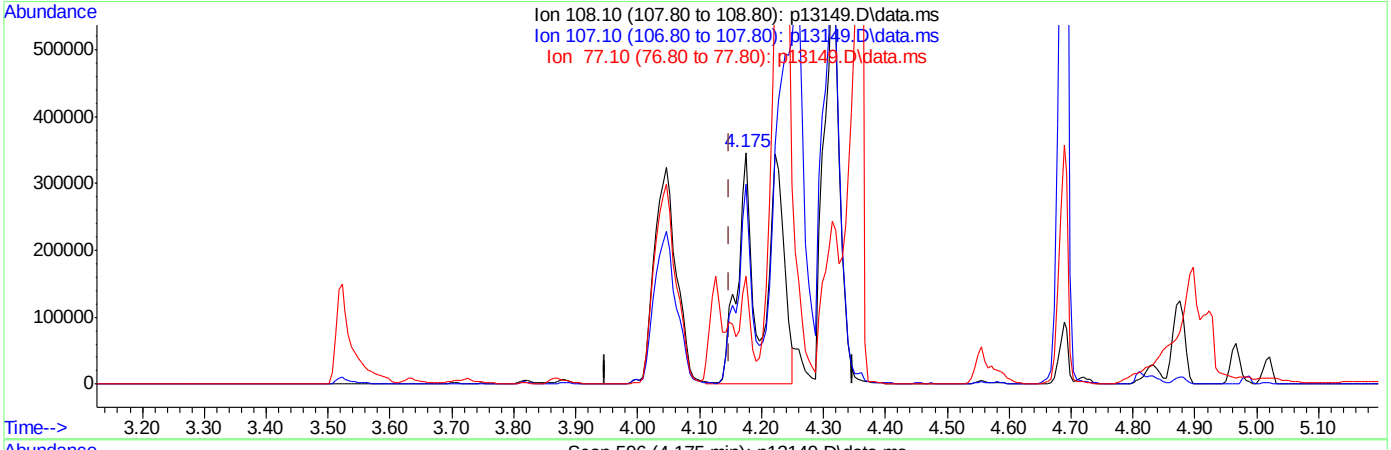
response 536063

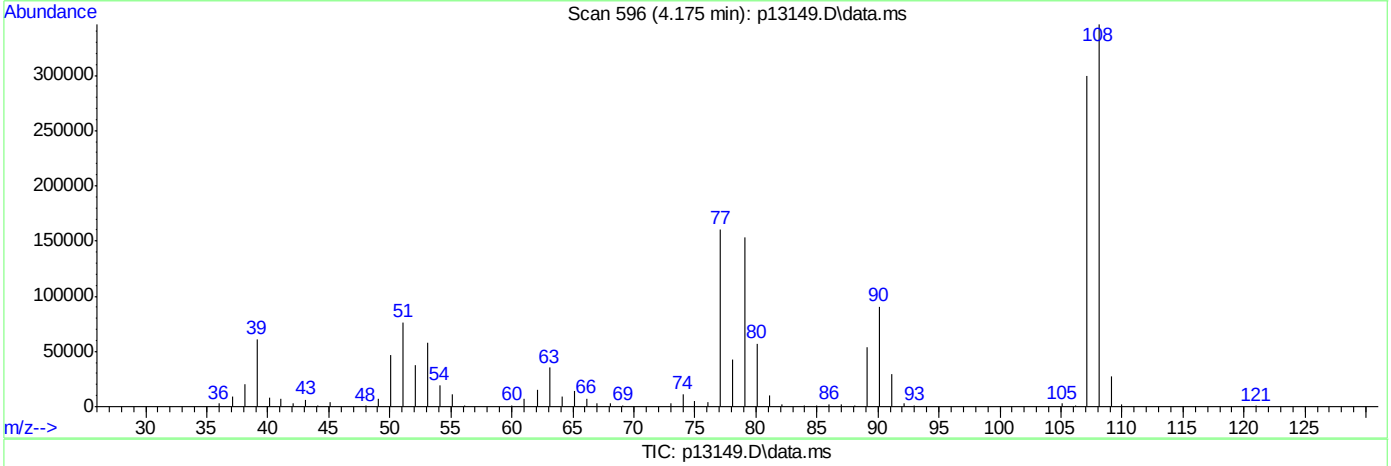
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	88.06#
77.10	16.60	21.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(23) 2-Methylphenol ( )

4.175min (+0.027) 95.12ppm m

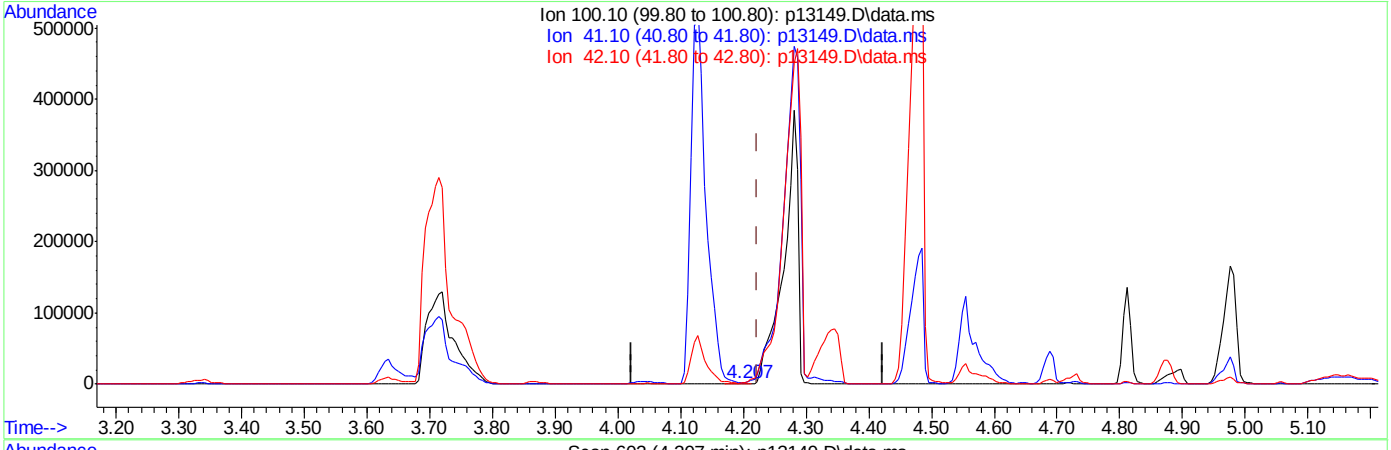
response 1136235

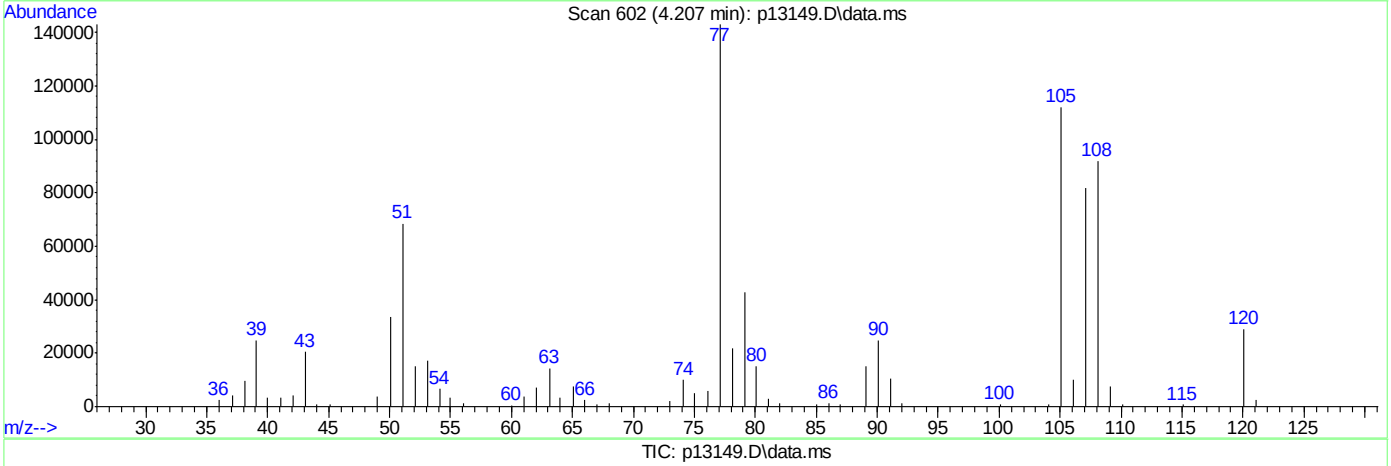
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	41.55
77.10	16.60	10.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(24) N-Nitrosopyrrolidine

4.207min (-0.016) 0.25ppm

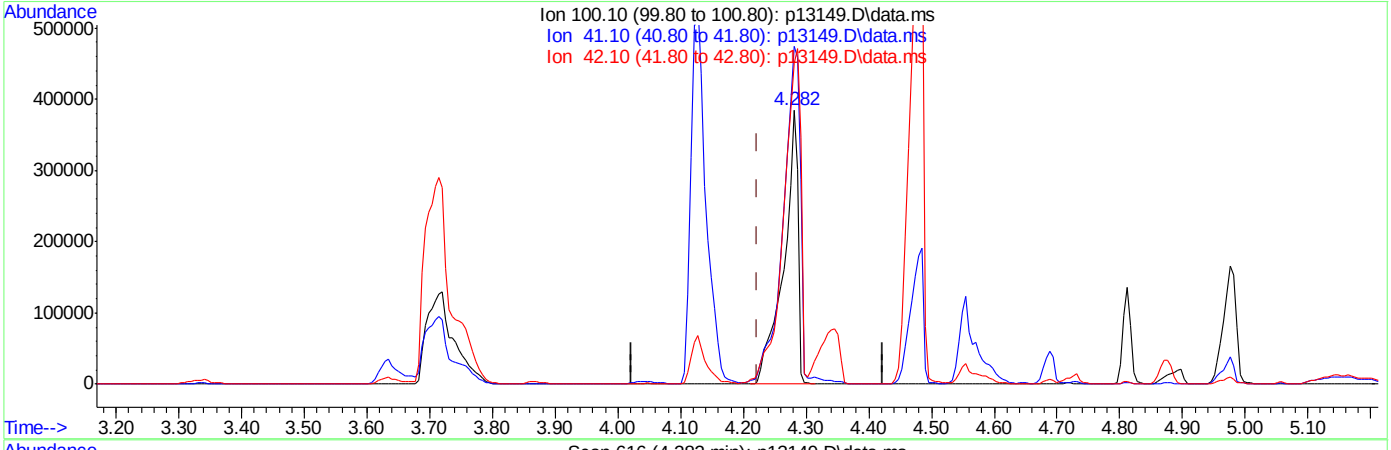
response 1821

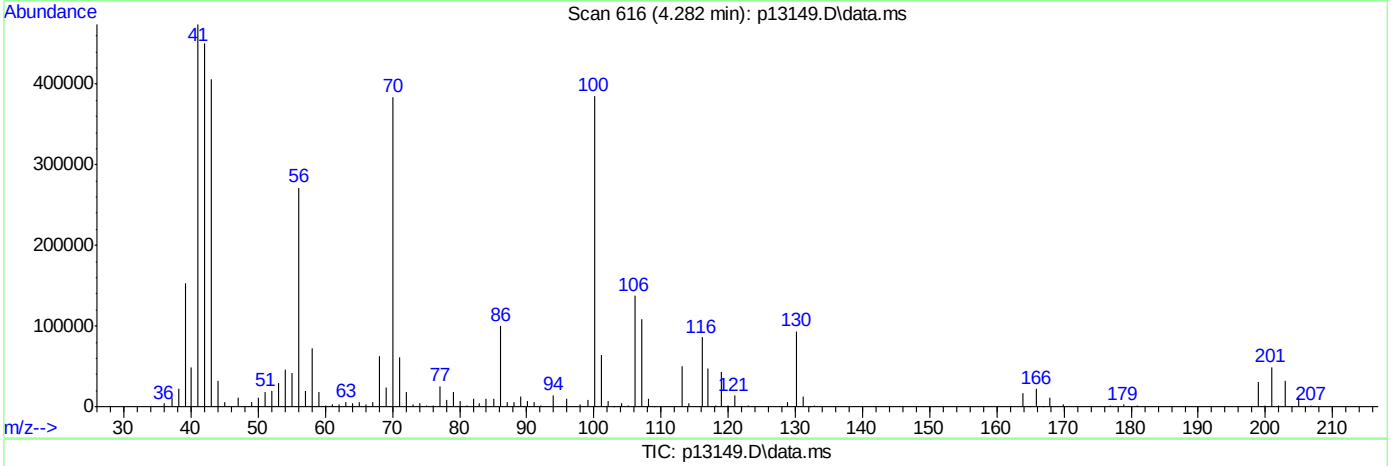
Ion	Exp%	Act%
100.10	100	100
41.10	102.40	0.00#
42.10	85.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(24) N-Nitrosopyrrolidine

4.282min (+0.059) 84.78ppm m

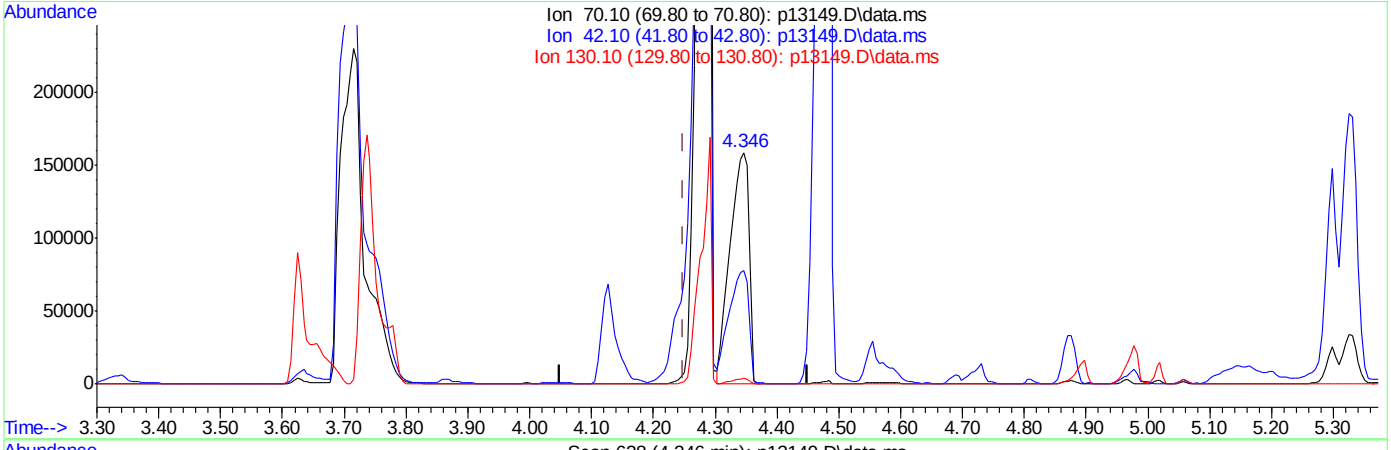
response 609512

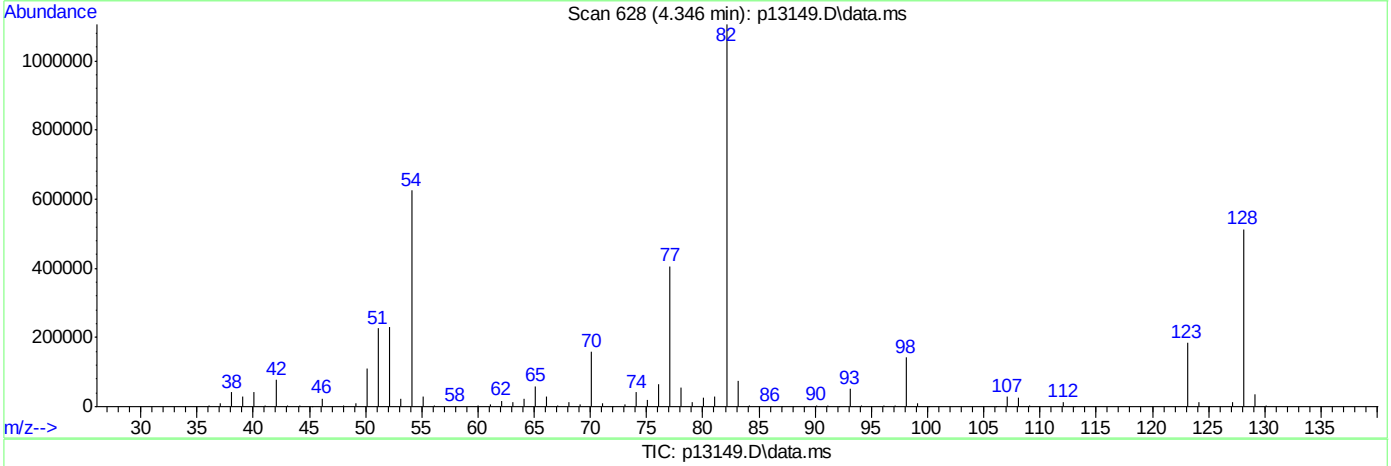
Ion	Exp%	Act%
100.10	100	100
41.10	102.40	0.00#
42.10	85.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





(29) N-Nitroso-di-n-propylamine (P)

4.346min (+0.096) 33.56ppm

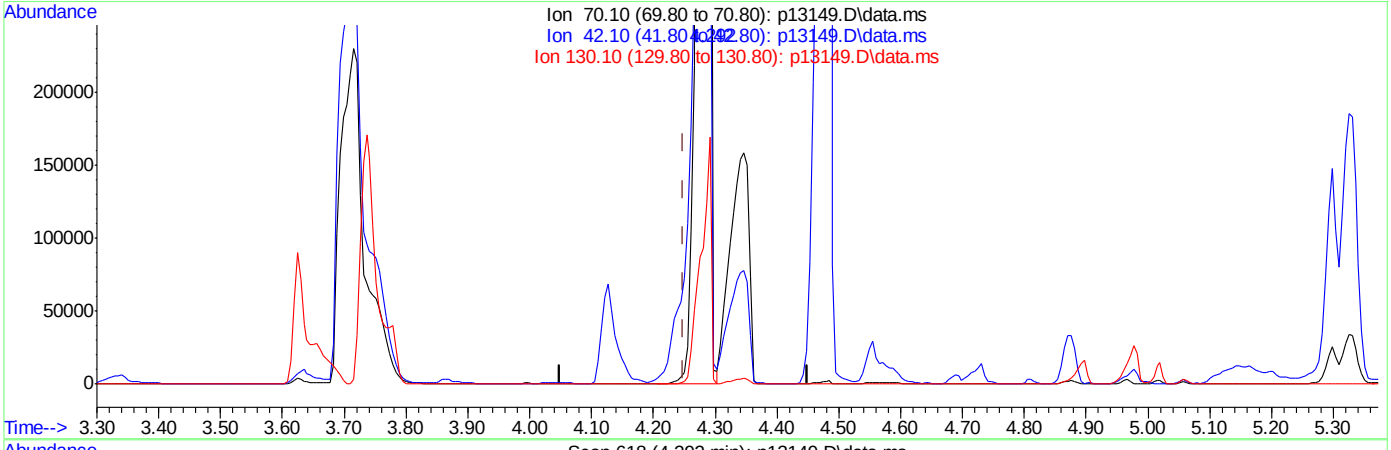
response 334554

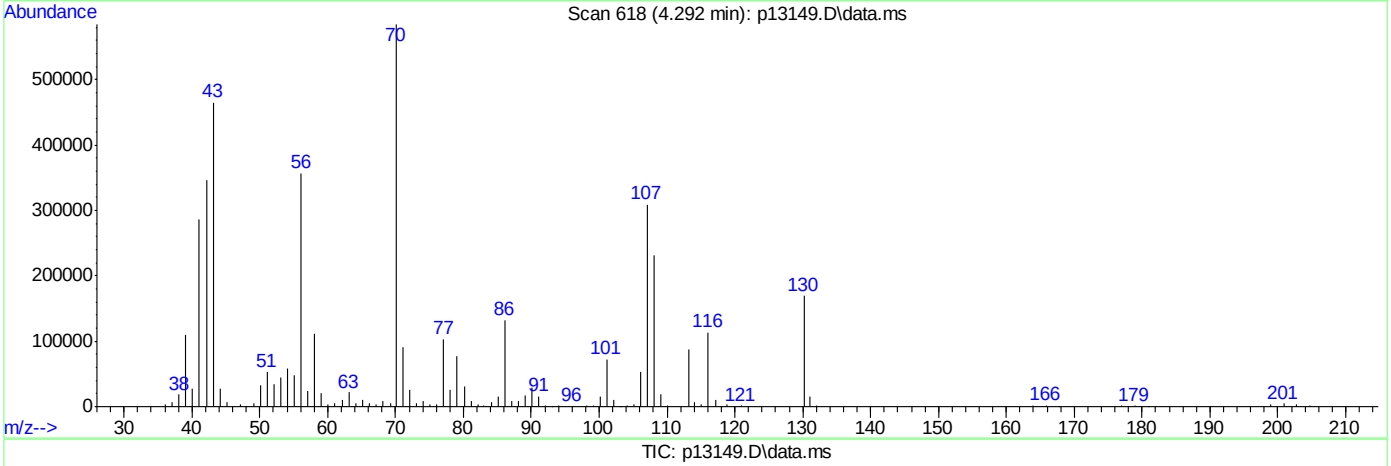
Ion	Exp%	Act%
70.10	100	100
42.10	62.30	52.06
130.10	23.60	2.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(29) N-Nitroso-di-n-propylamine (P)

4.292min (+0.042) 82.36ppm m

response 821005

Ion	Exp%	Act%
70.10	100	100
42.10	62.30	21.21#
130.10	23.60	0.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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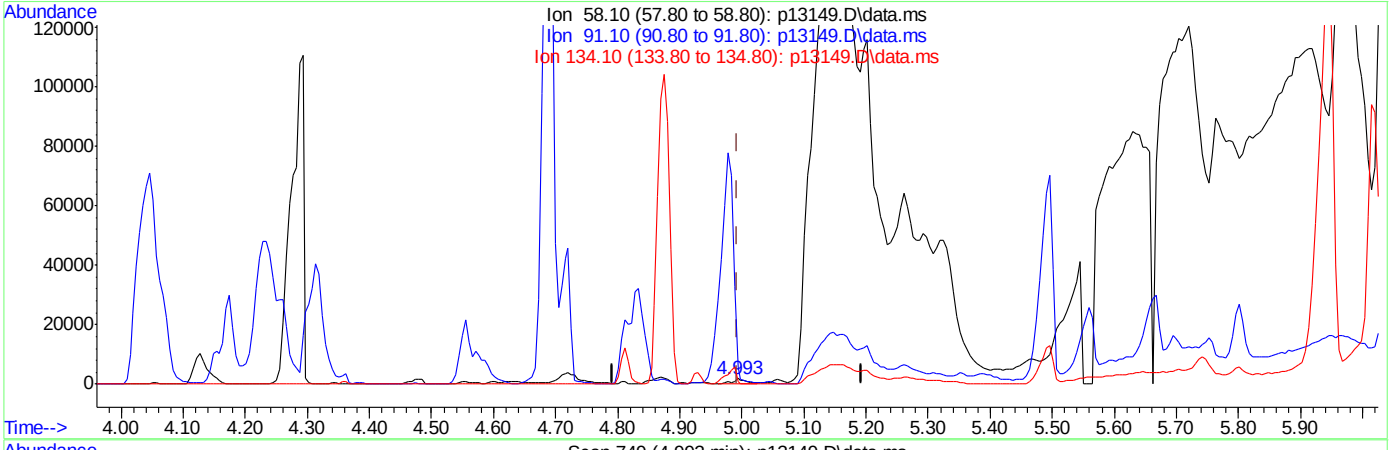

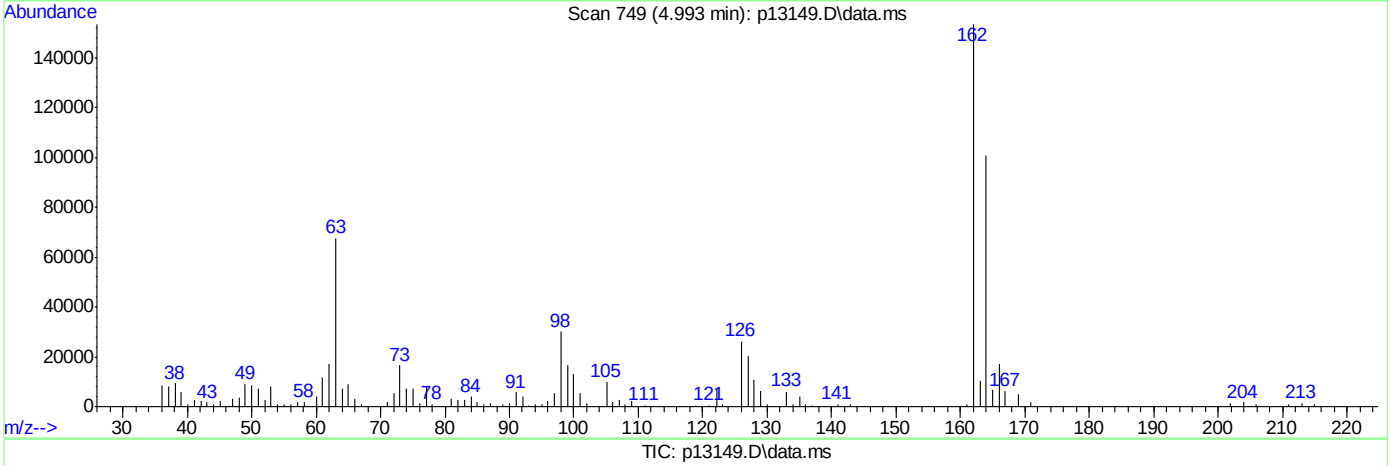

(35) A,A-Dimethylphenethylamine

4.993min (+0.000) 0.06ppm

response 3154

Ion	Exp%	Act%
58.10	100	100
91.10	0.00	3589.19#
134.10	0.00	206.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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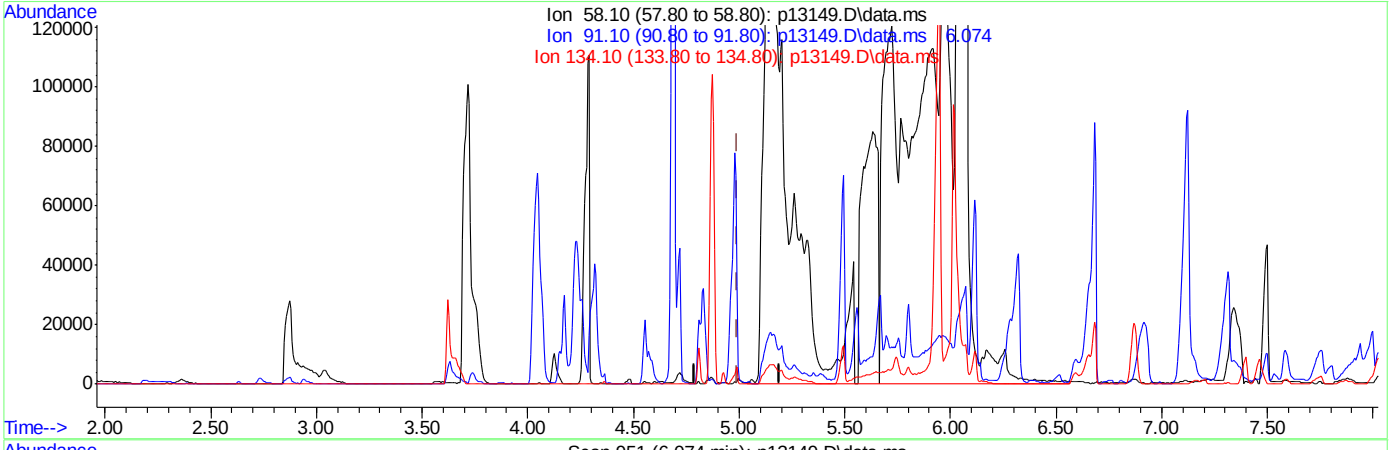
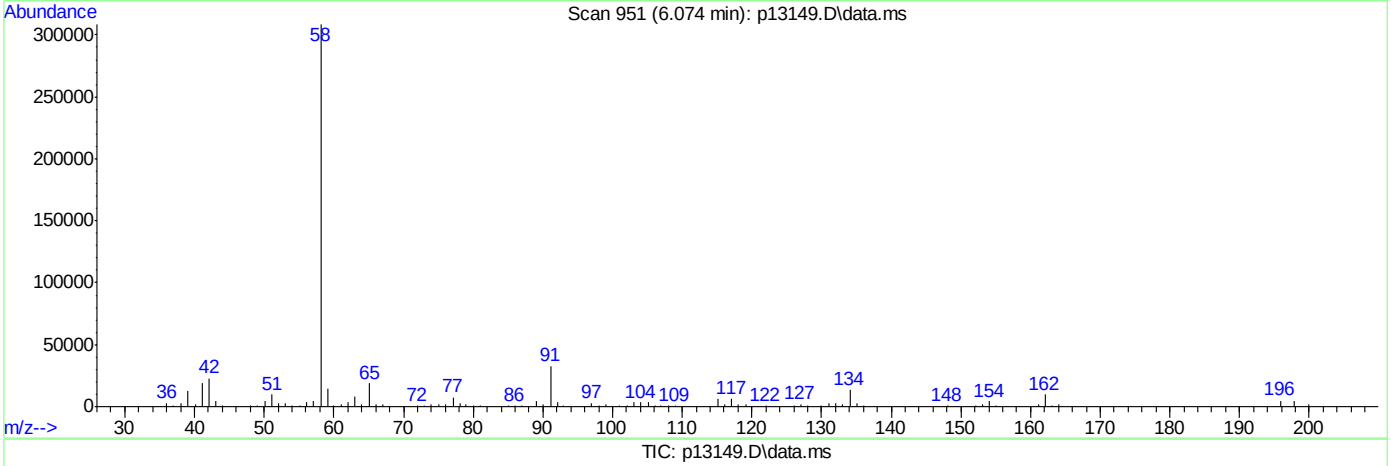




TIC: p13149.D\data.ms

(35) A,A-Dimethylphenethylamine

6.074min (+1.080) 89.89ppm m

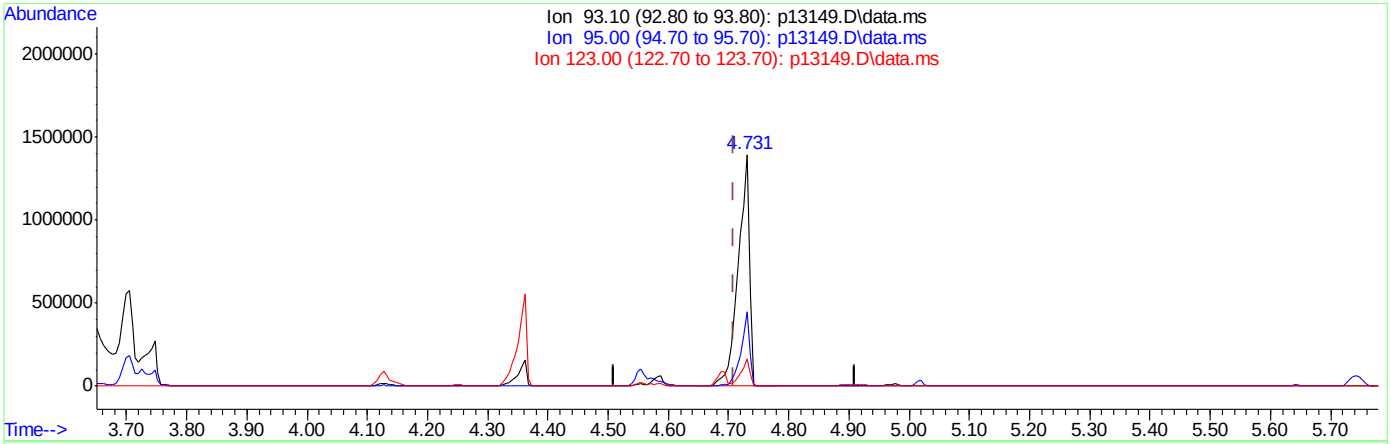
response 4940581

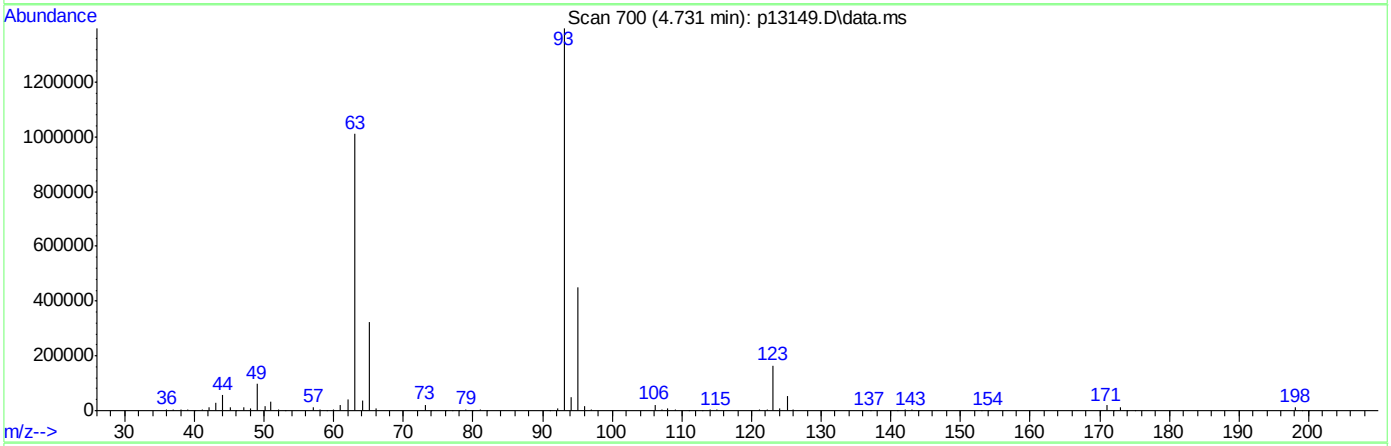
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	2.29#
134.10	0.00	0.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.731min (+0.021) 97.39ppm

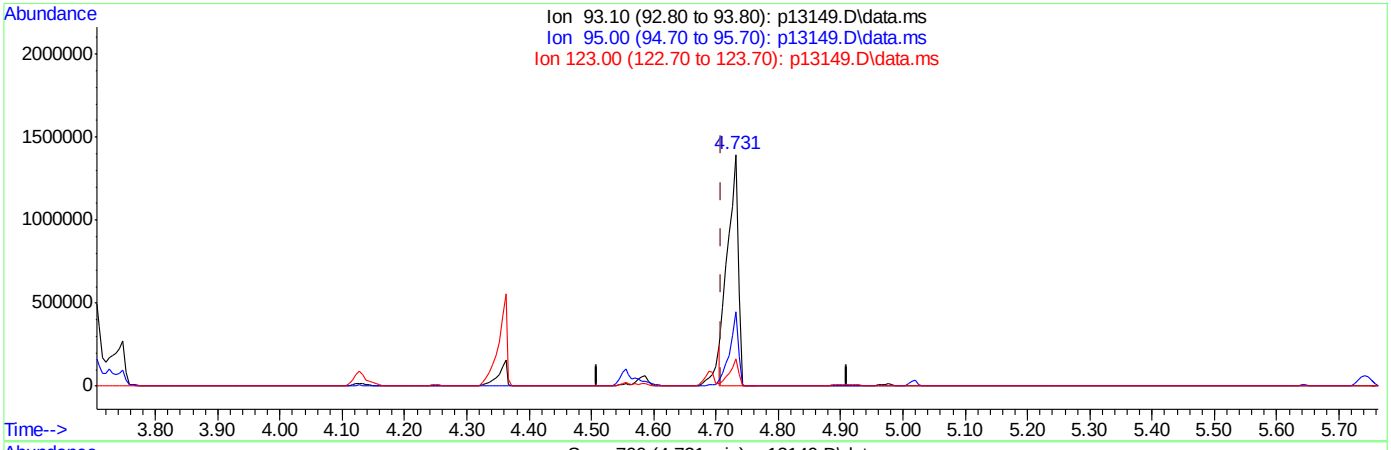
response 1833802

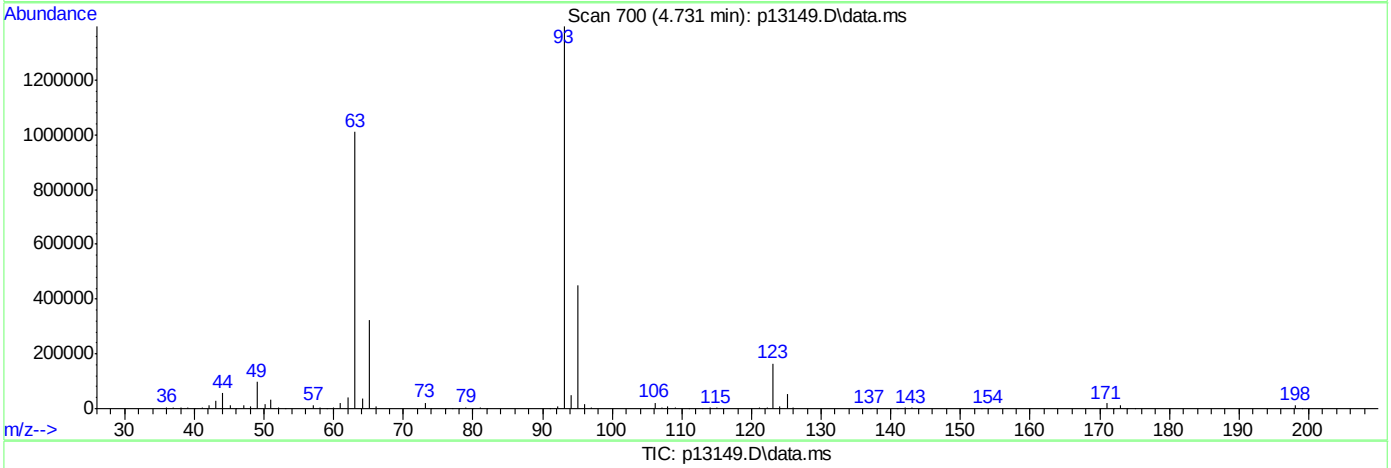
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.70
123.00	10.10	8.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.731min (+0.021) 88.07ppm m

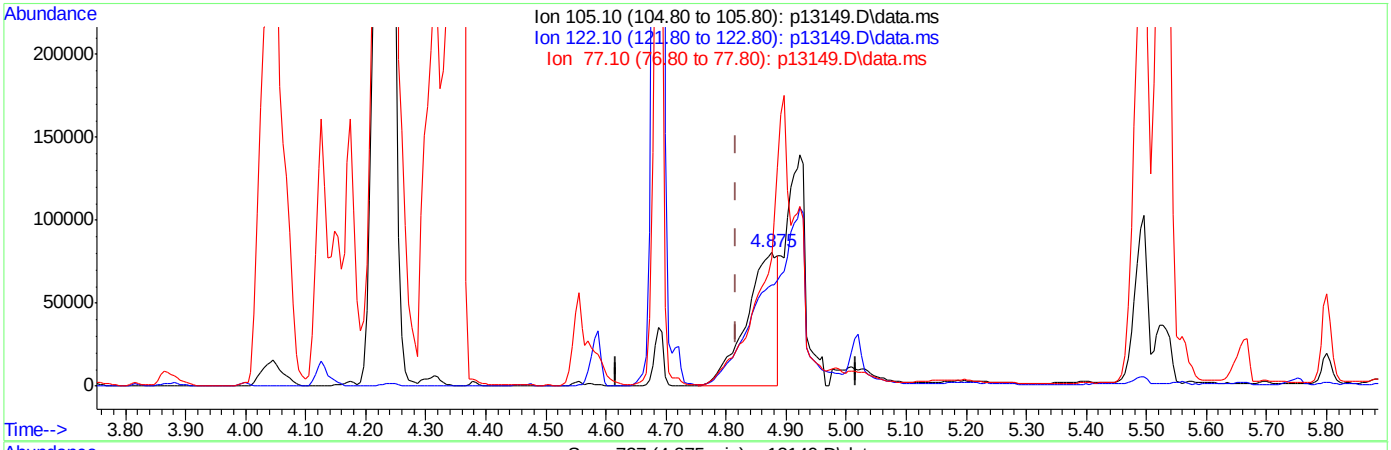
response 1658245

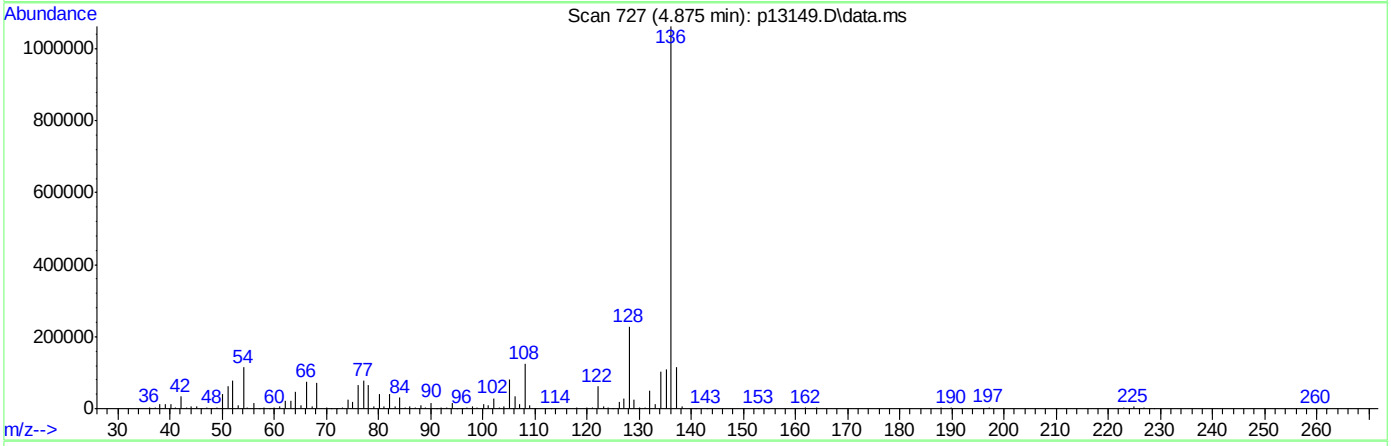
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	27.31
123.00	10.10	9.88
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(41) Benzoic Acid

4.875min (+0.058) 102.97ppm

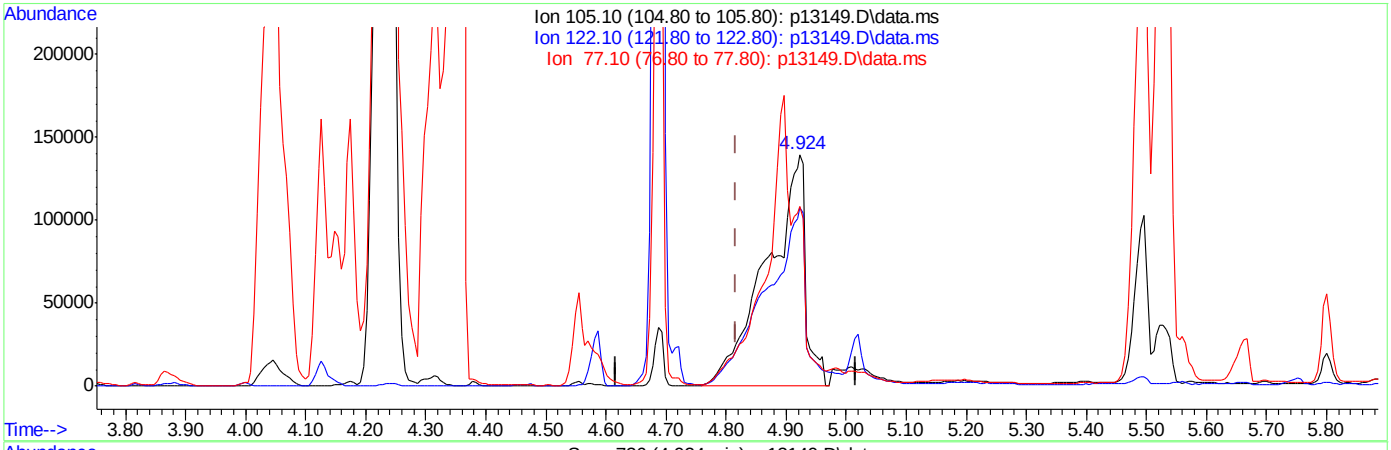
response 293952

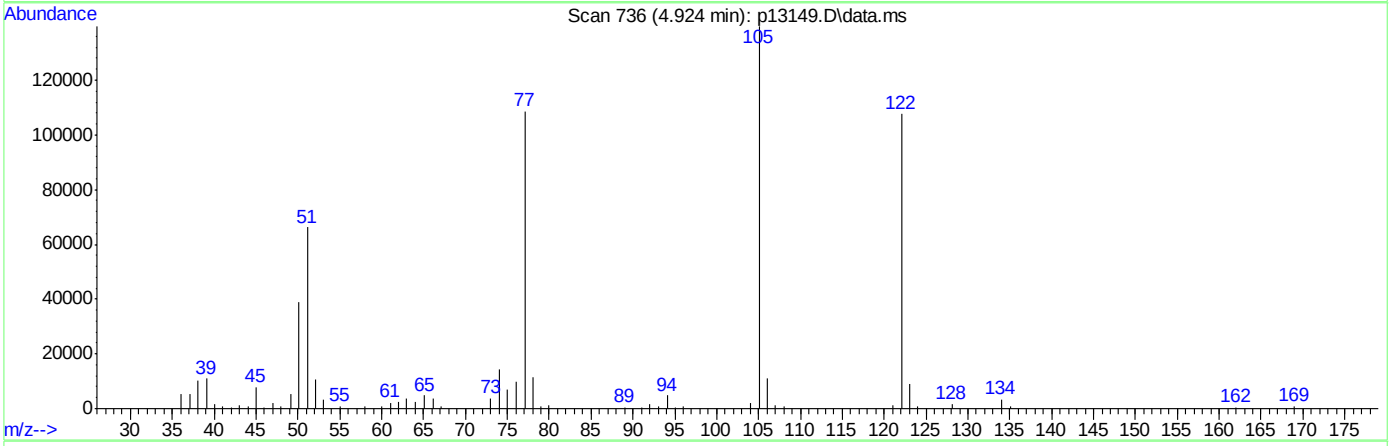
Ion	Exp%	Act%
105.10	100	100
122.10	69.70	0.00#
77.10	68.10	164.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(41) Benzoic Acid

4.924min (+0.107) 219.26ppm m

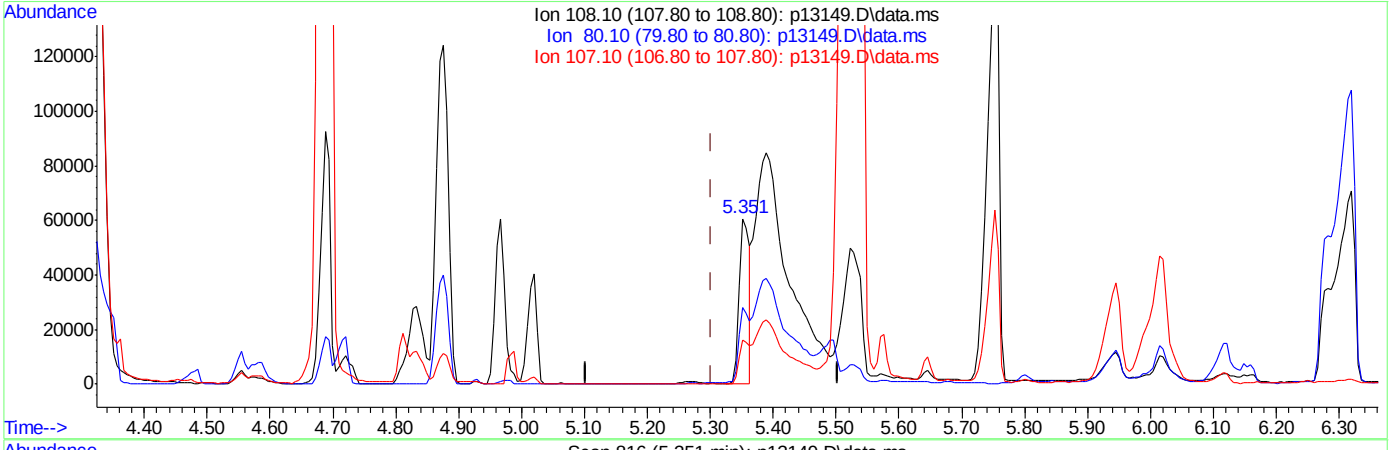
response 625912

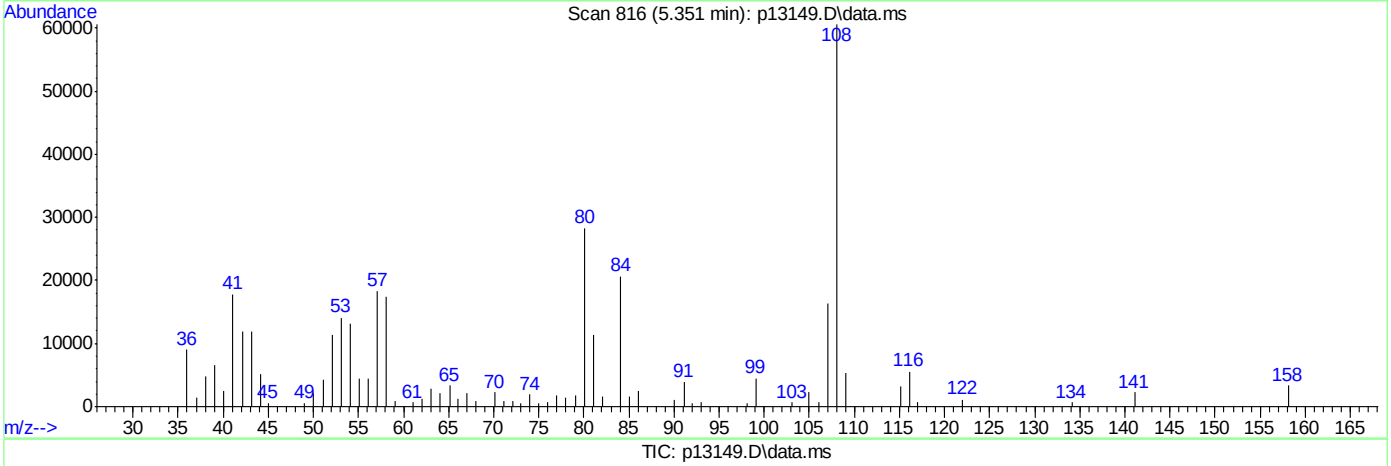
Ion	Exp%	Act%
105.10	100	100
122.10	69.70	0.00#
77.10	68.10	77.23
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





(49) p-Phenylenediamine

5.351min (+0.048) 19.85ppm

response 68856

Ion	Exp%	Act%
108.10	100	100
80.10	0.00	45.92#
107.10	0.00	27.23#
0.00	0.00	0.00

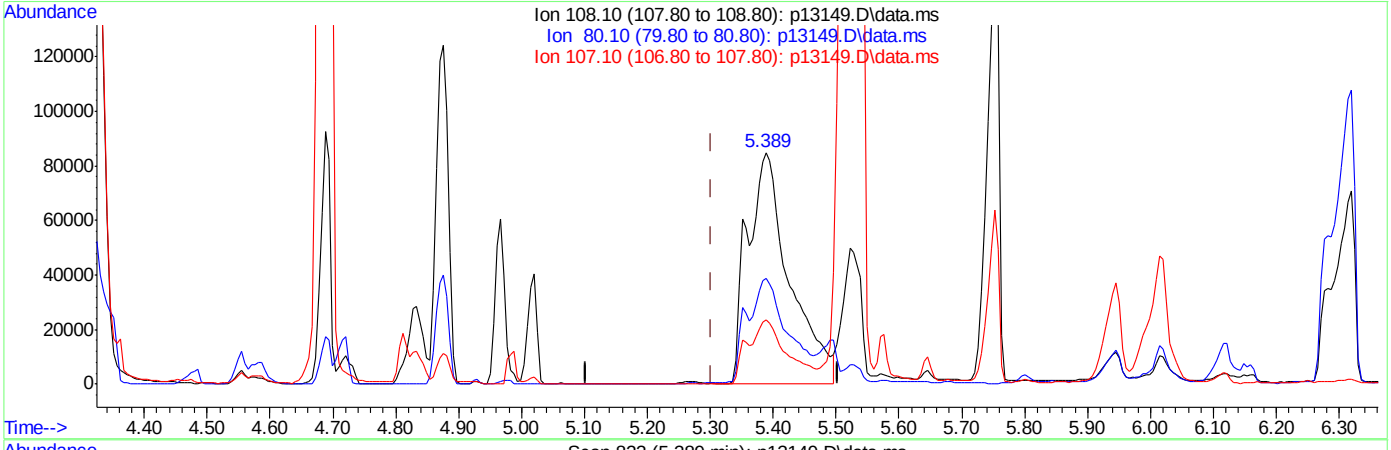
8.6.15.25

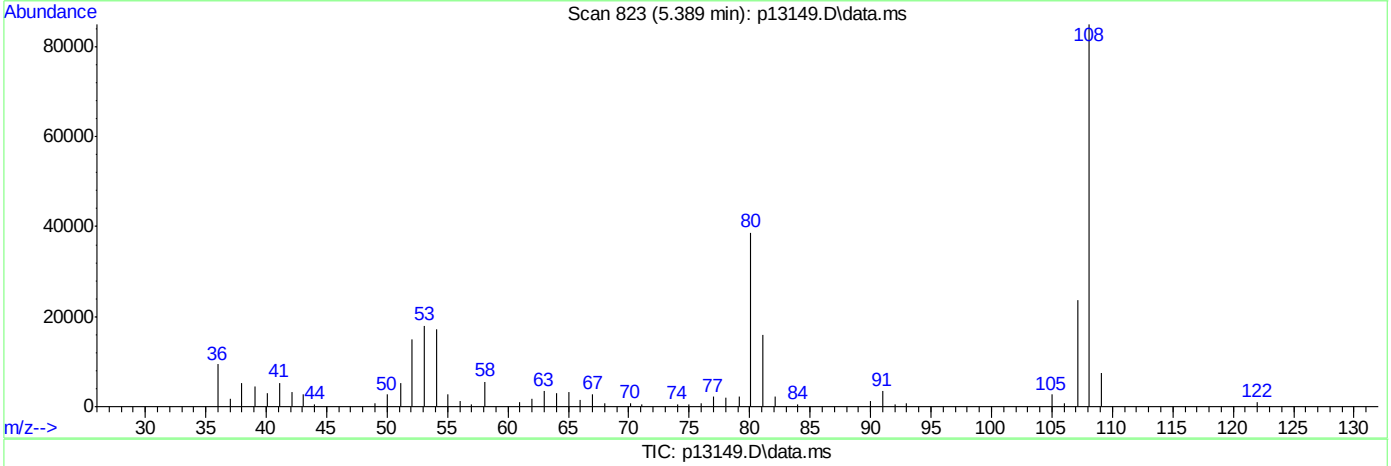
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(49) p-Phenylenediamine

5.389min (+0.086) 113.21ppm m

response 392620

Ion	Exp%	Act%
108.10	100	100
80.10	0.00	8.05#
107.10	0.00	4.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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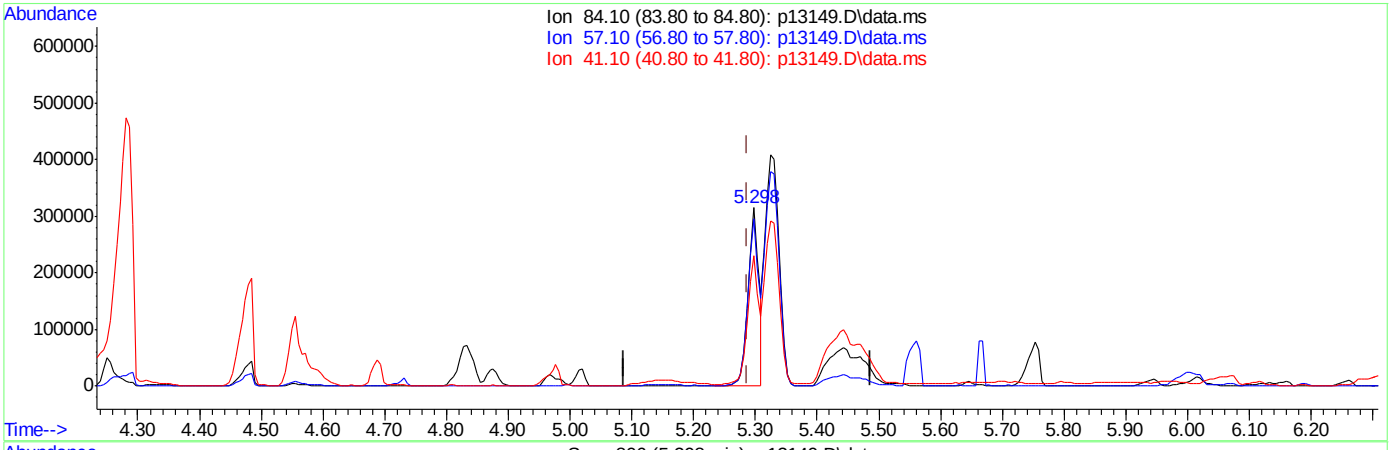
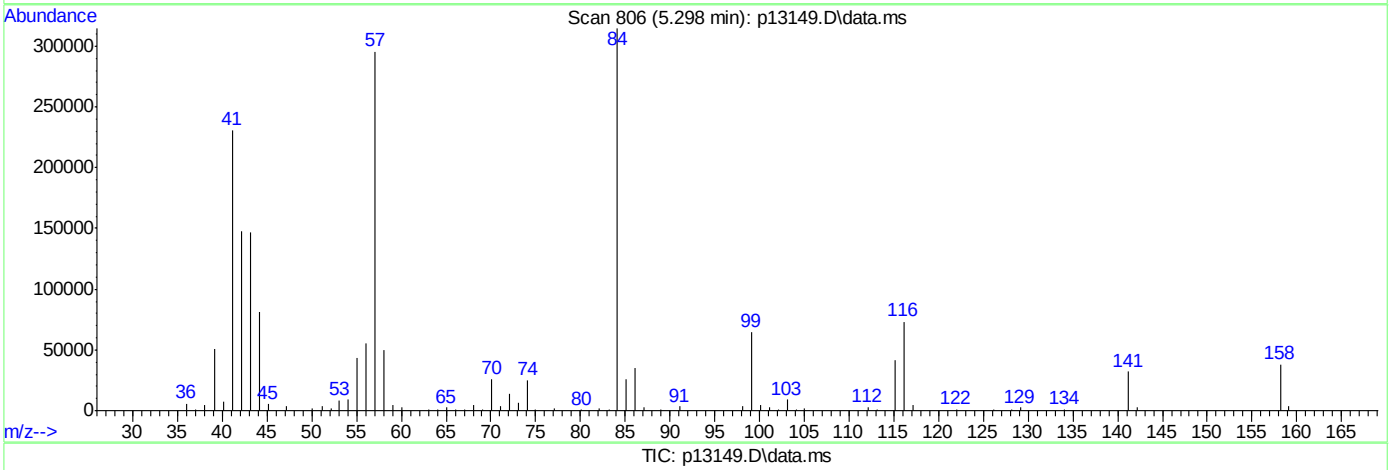




TIC: p13149.D\data.ms

(51) N-Nitrosodi-n-butylamine

5.298min (+0.011) 30.73ppm

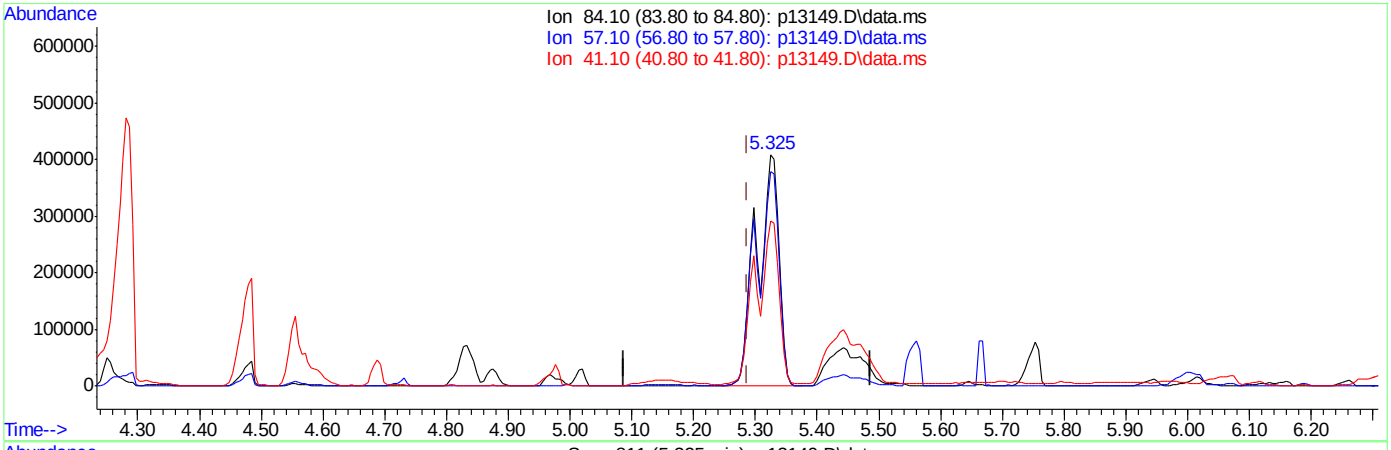
response 378596

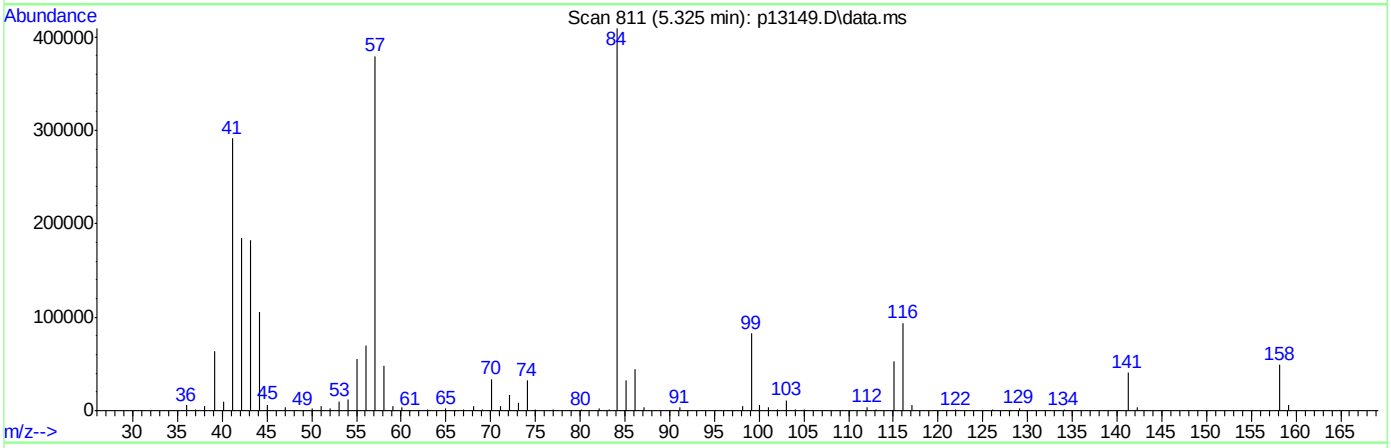
Ion	Exp%	Act%
84.10	100	100
57.10	95.10	95.35
41.10	75.00	74.99
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(51) N-Nitrosodi-n-butylamine

5.325min (+0.038) 82.13ppm m

response 1011802

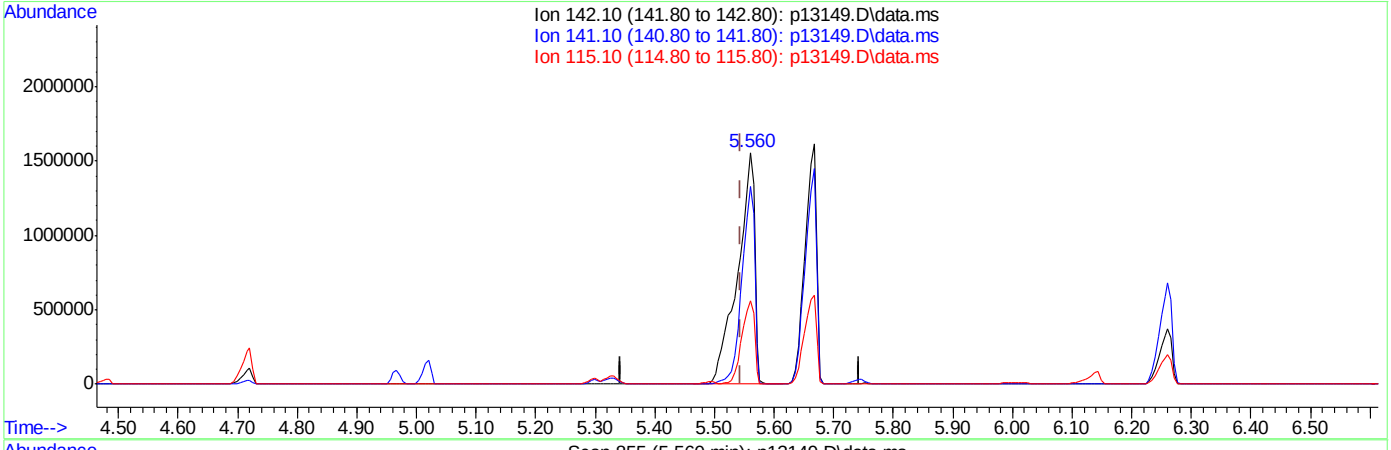
Ion	Exp%	Act%
84.10	100	100
57.10	95.10	35.68#
41.10	75.00	28.06#
0.00	0.00	0.00

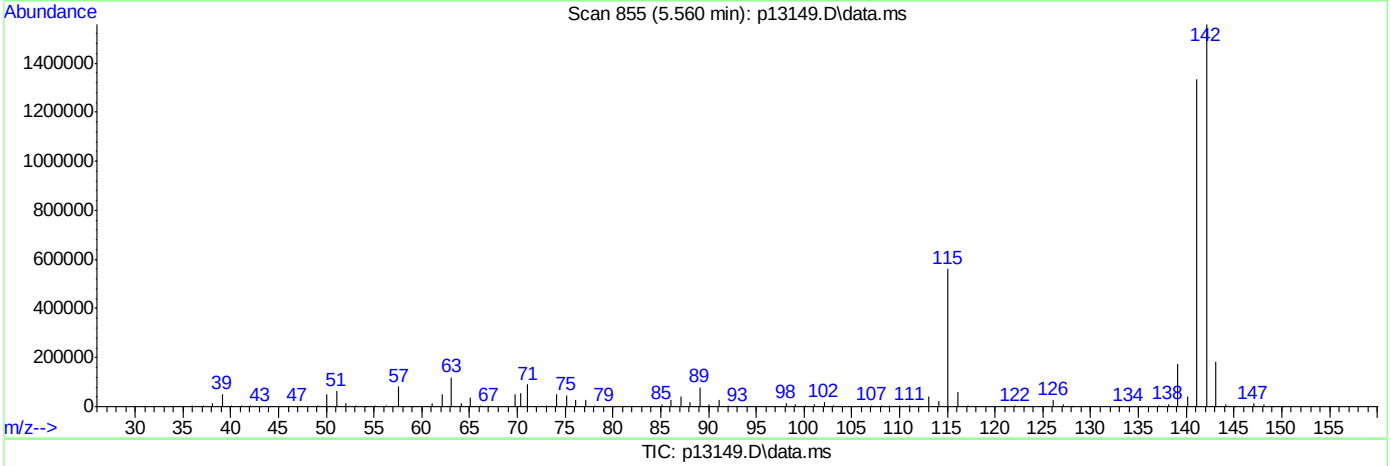
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(54) 2-Methylnaphthalene

5.560min (+0.016) 111.43ppm

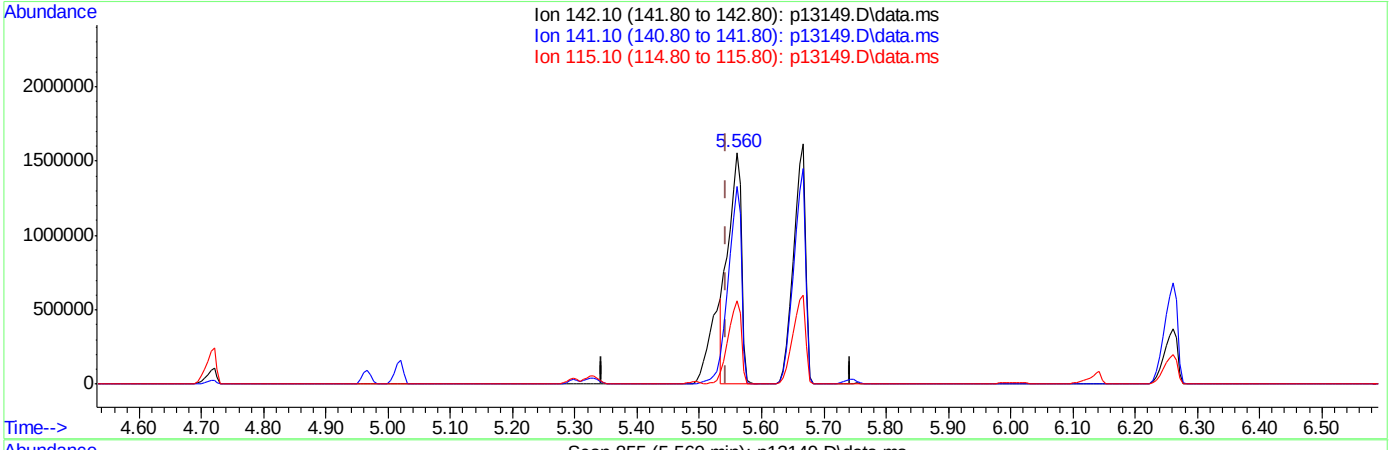
response 3070275

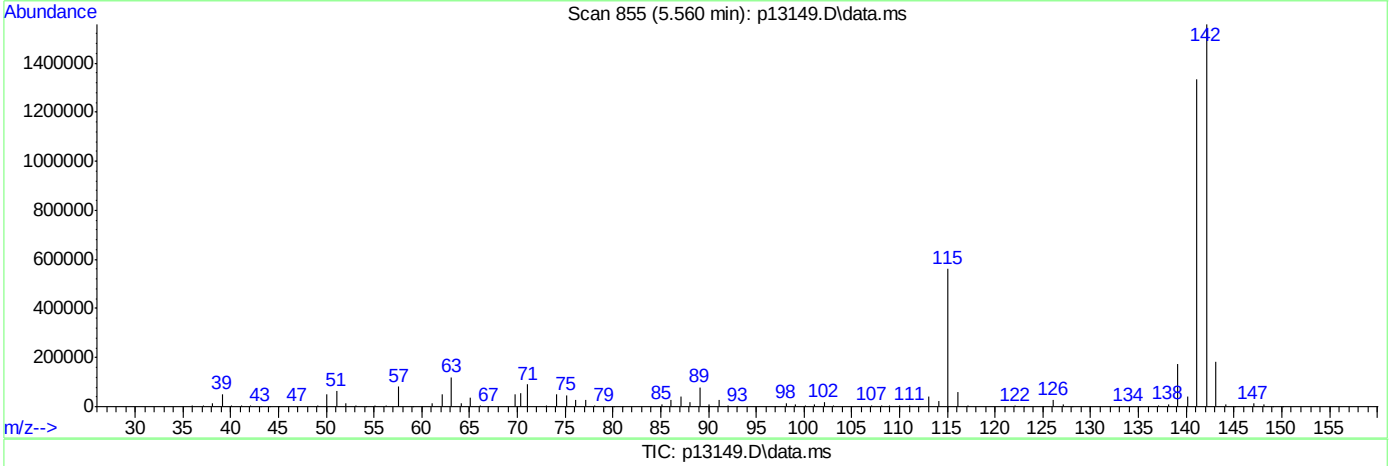
Ion	Exp%	Act%
142.10	100	100
141.10	84.60	63.91
115.10	38.40	26.77
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(54) 2-Methylnaphthalene

5.560min (+0.016) 83.64ppm m

response 2304440

Ion	Exp%	Act%
142.10	100	100
141.10	84.60	85.15
115.10	38.40	35.66
0.00	0.00	0.00

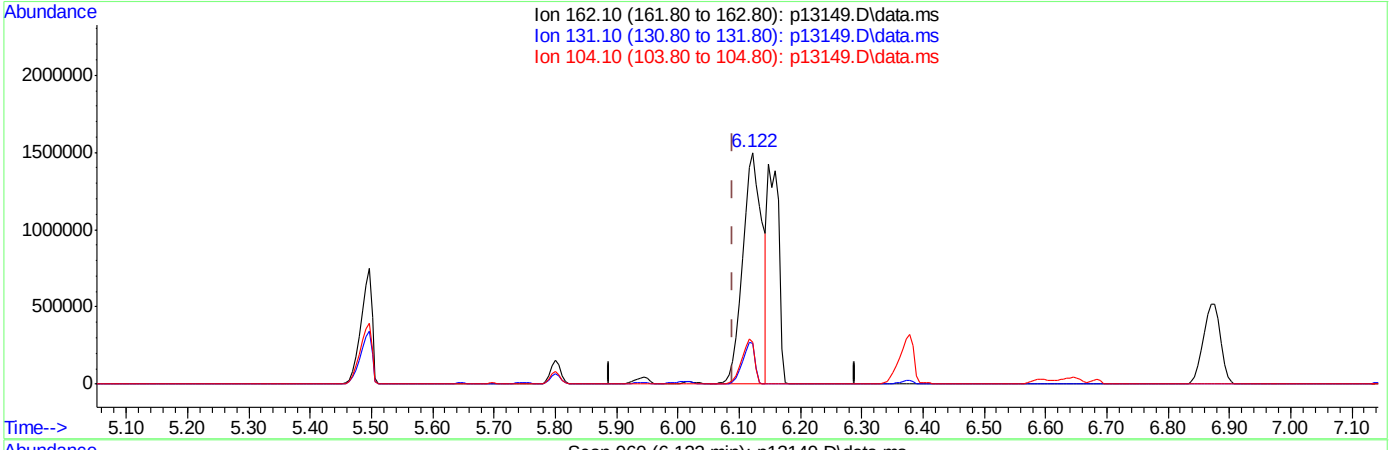
8.6.15.30

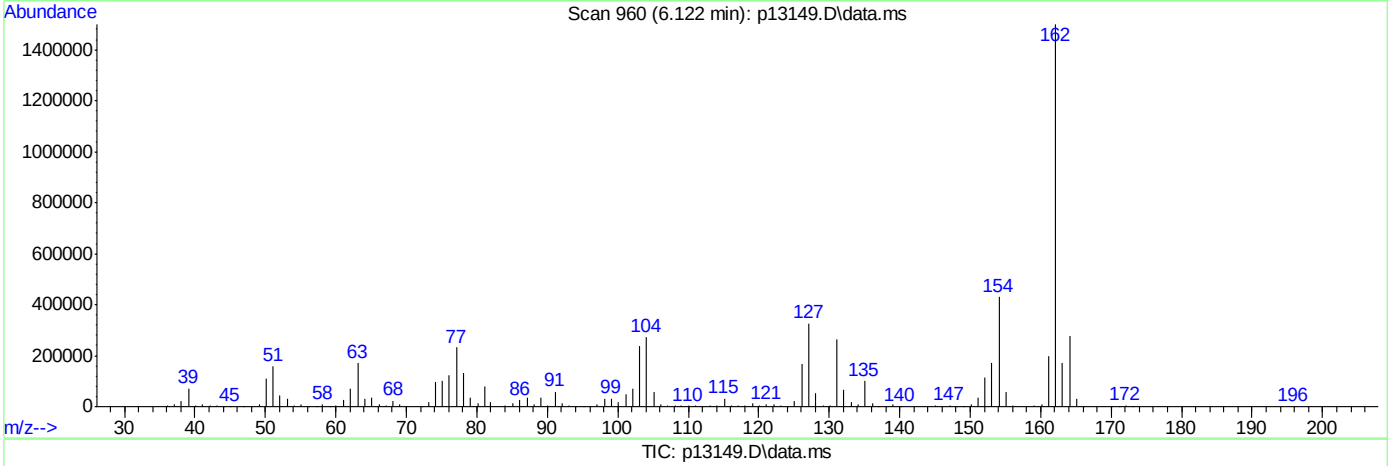
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(62) Safrole

6.122min (+0.032) 181.31ppm

response 3328447

Ion	Exp%	Act%
162.10	100	100
131.10	26.30	11.24#
104.10	31.70	12.58#
0.00	0.00	0.00

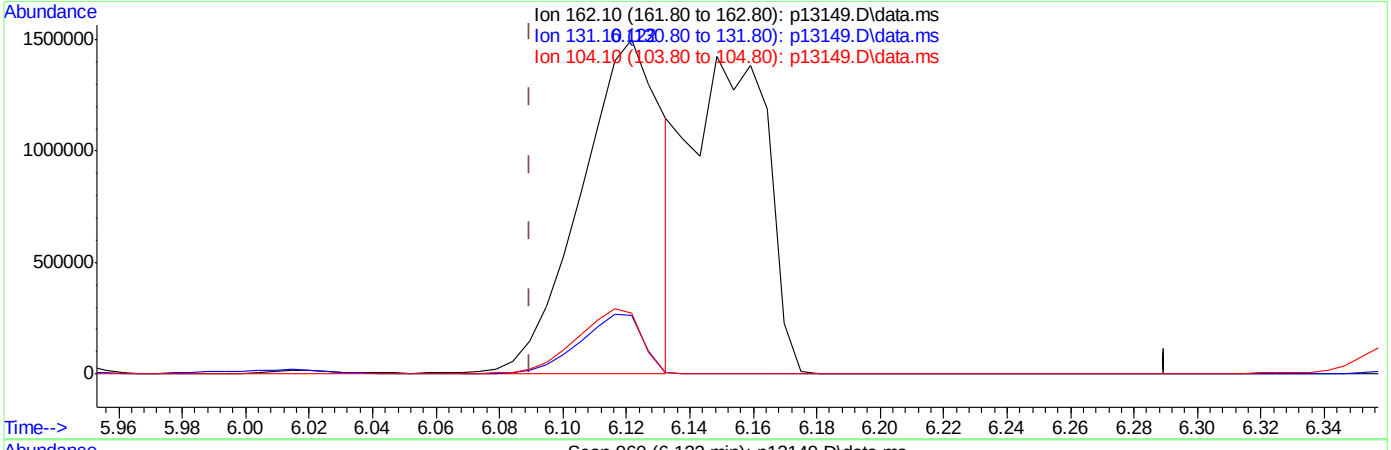
8.6.15.31

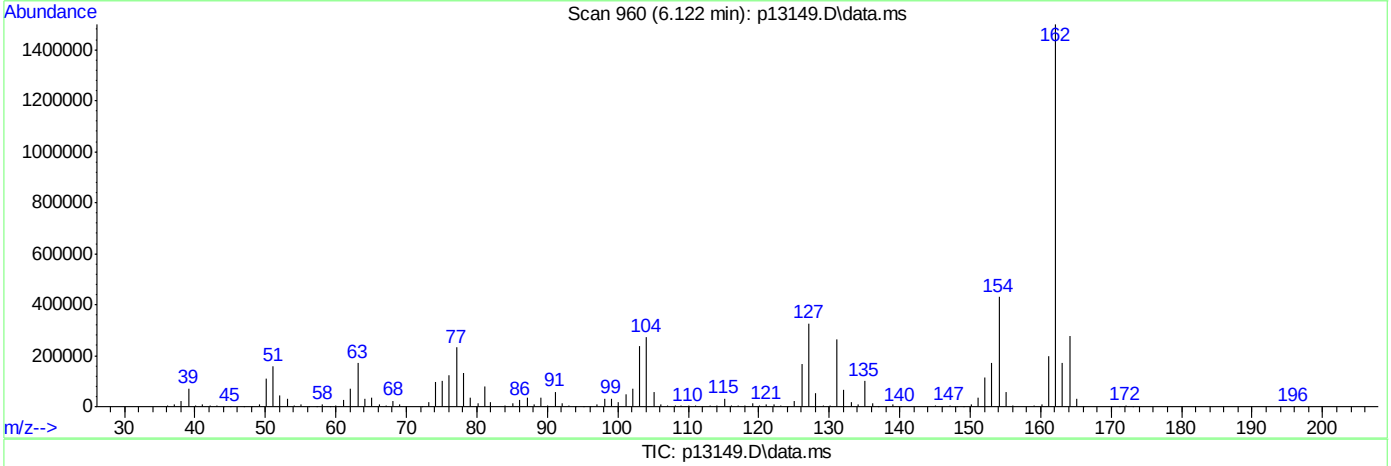
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(62) Safrole

6.122min (+0.032) 145.85ppm m

response 2677466

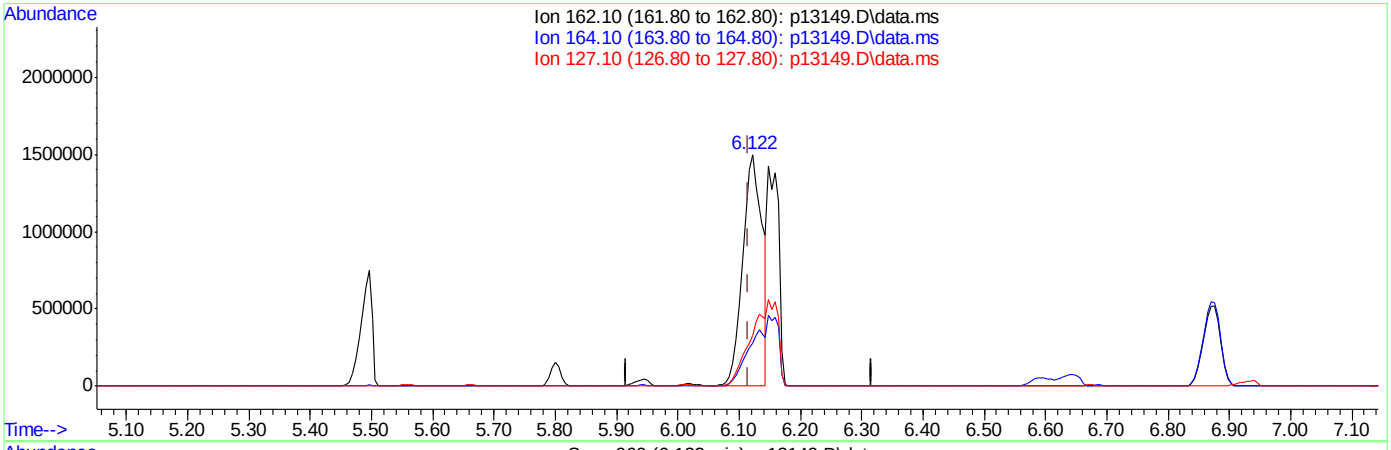
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	13.98#
104.10	31.70	15.64#
0.00	0.00	0.00

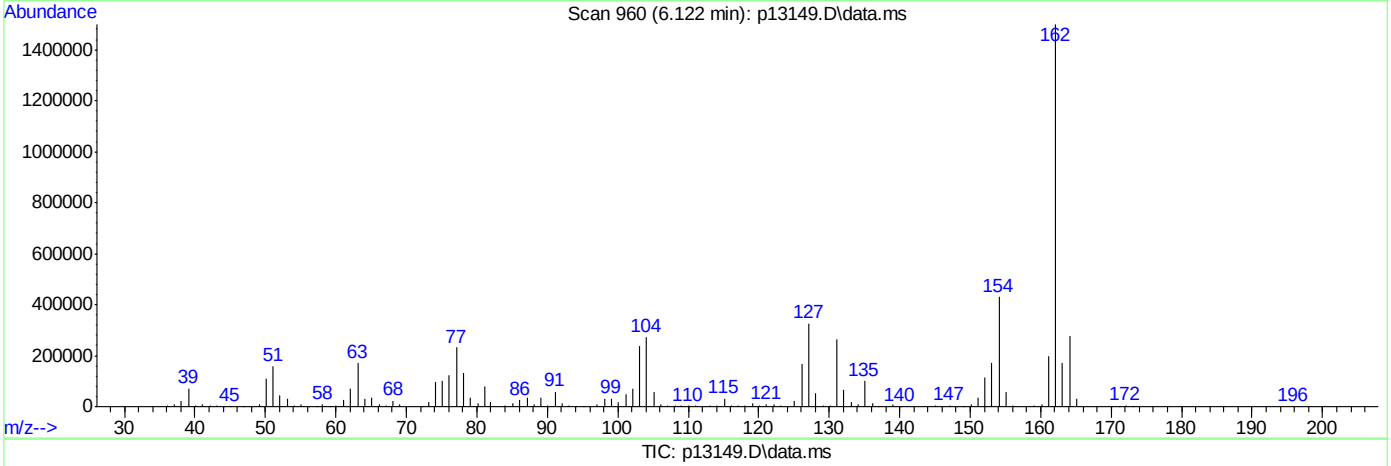
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(64) 2-Chloronaphthalene

6.122min (+0.005) 119.63ppm

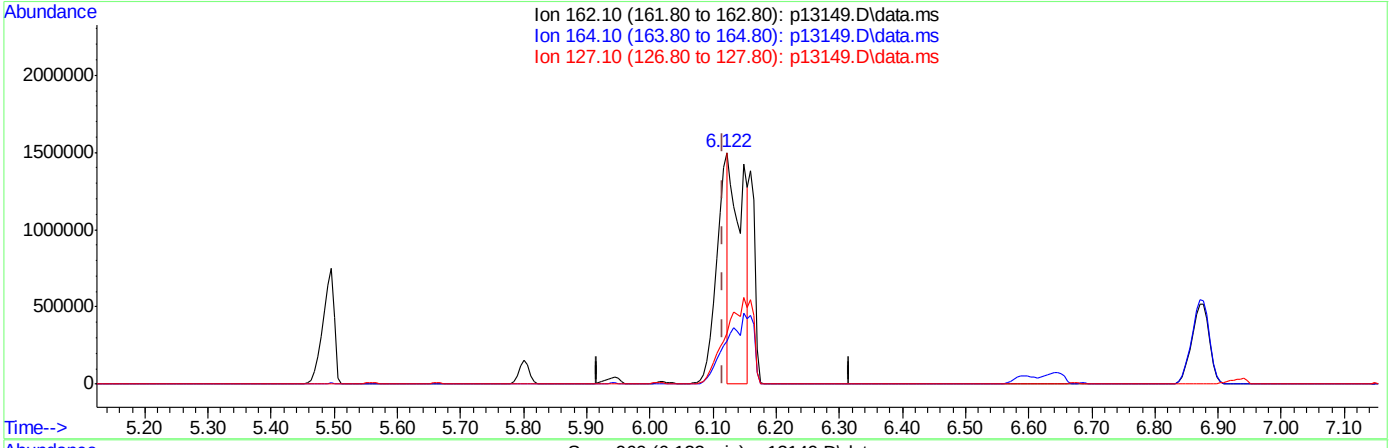
response 3327991

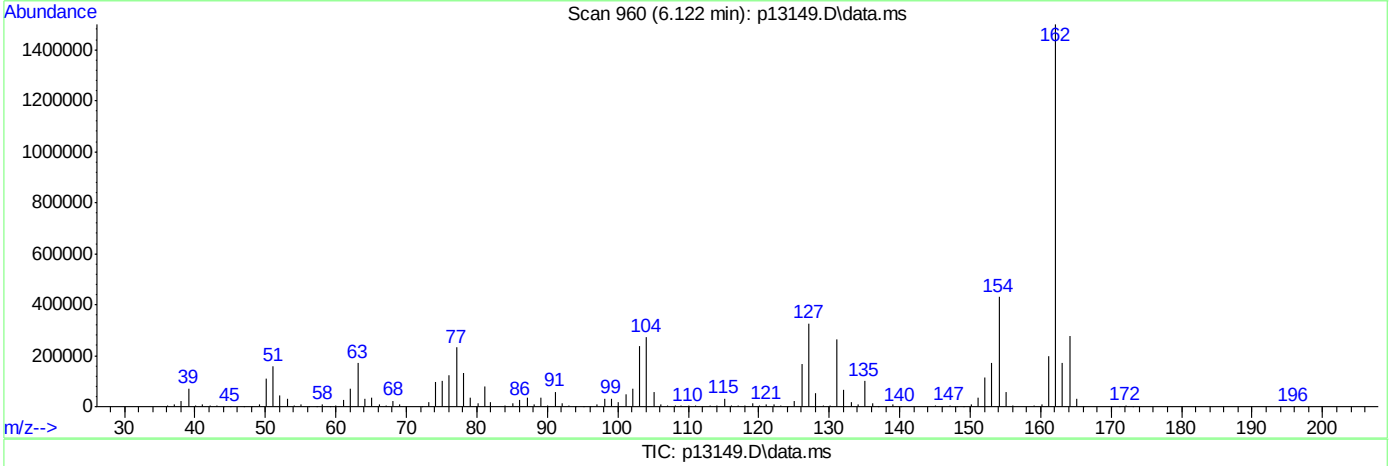
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(64) 2-Chloronaphthalene

6.122min (+0.005) 82.76ppm m

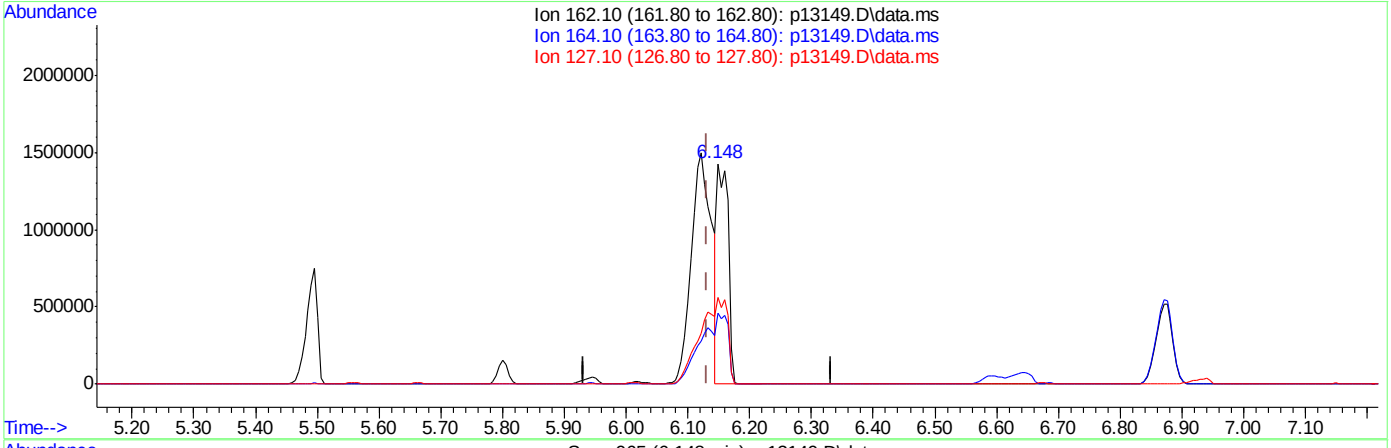
response 2302341

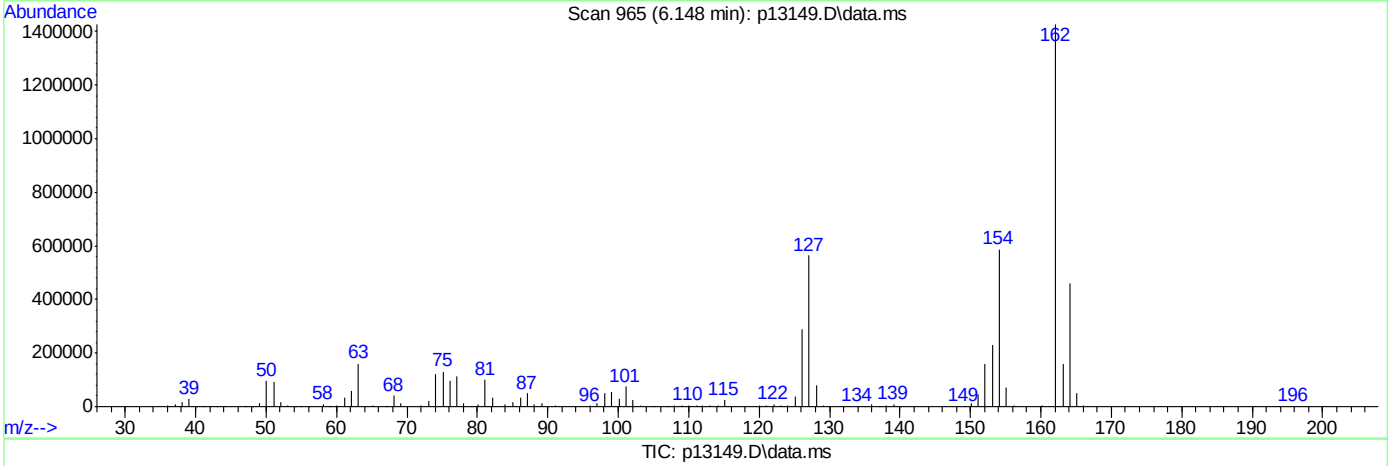
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(65) 1-Chloronaphthalene

6.148min (+0.016) 87.86ppm

response 1771206

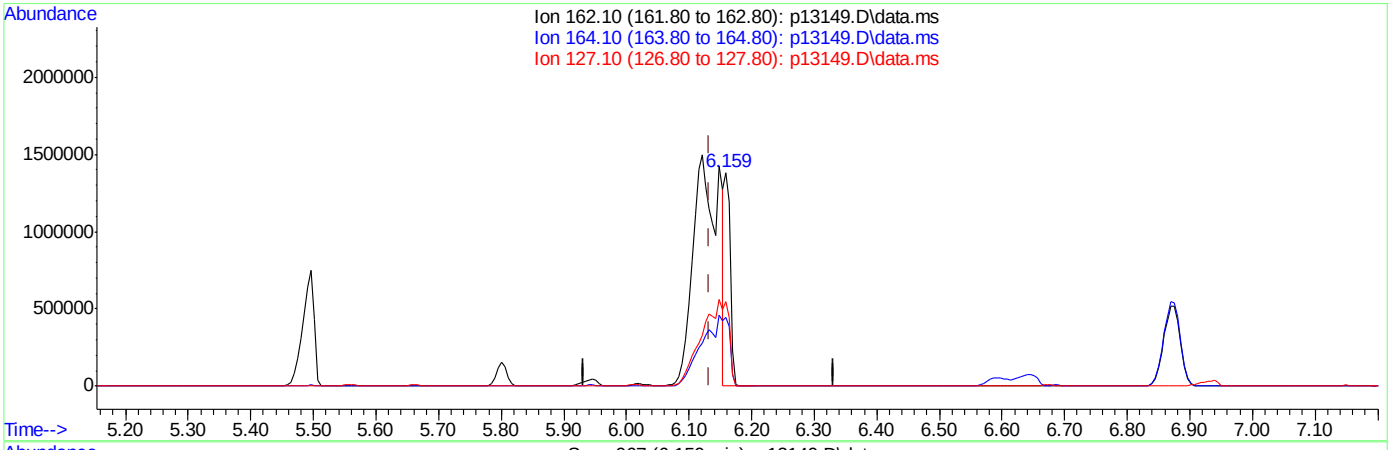
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	77.66#
127.10	0.00	95.25#
0.00	0.00	0.00

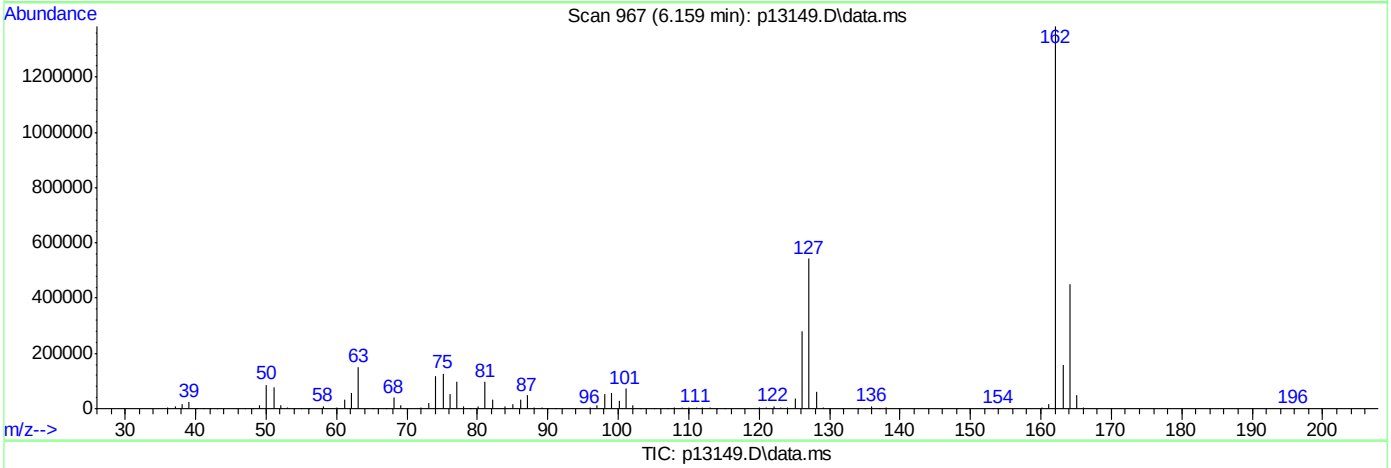
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(65) 1-Chloronaphthalene

6.159min (+0.027) 44.87ppm m

response 904444

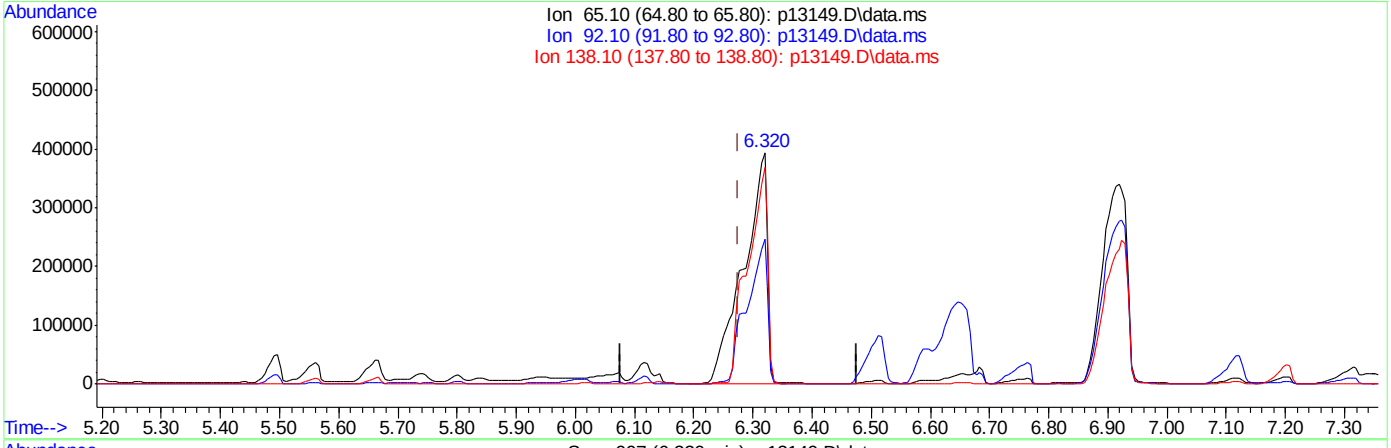
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	152.09#
127.10	0.00	186.53#
0.00	0.00	0.00

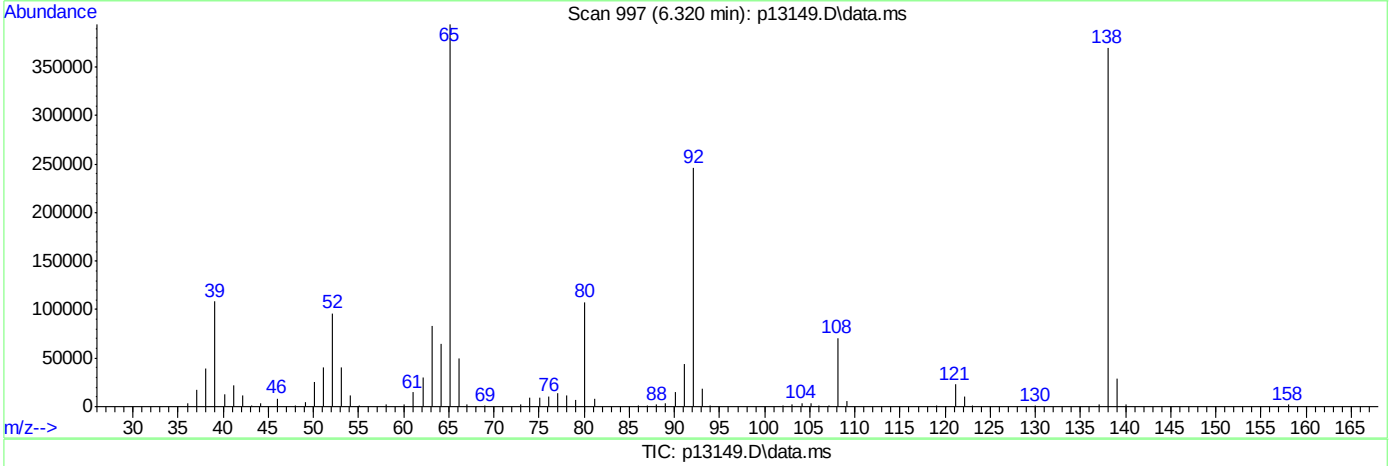
8.6.15.36
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





(66) 2-Nitroaniline

6.320min (+0.043) 104.21ppm

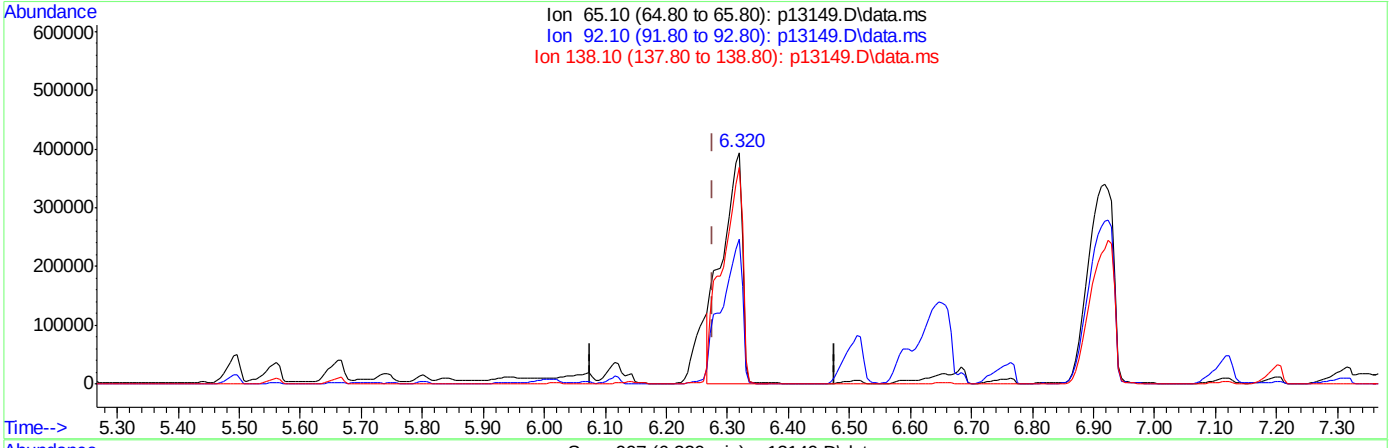
response 1096947

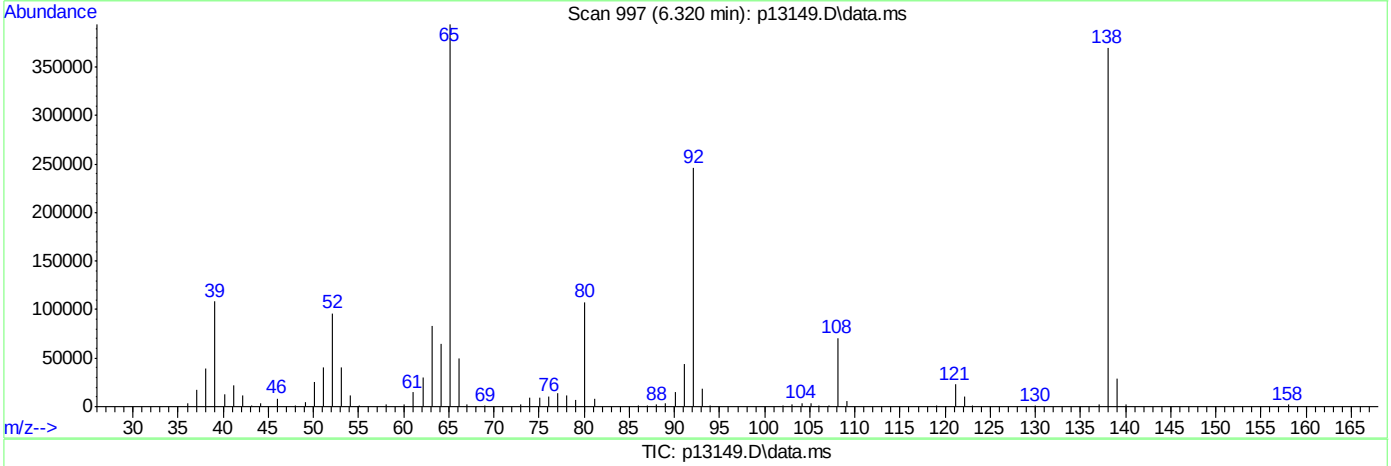
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	54.11
138.10	93.80	80.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(66) 2-Nitroaniline

6.320min (+0.043) 87.99ppm m

response 926268

Ion	Exp%	Act%
65.10	100	100
92.10	63.50	64.08
138.10	93.80	94.82
0.00	0.00	0.00

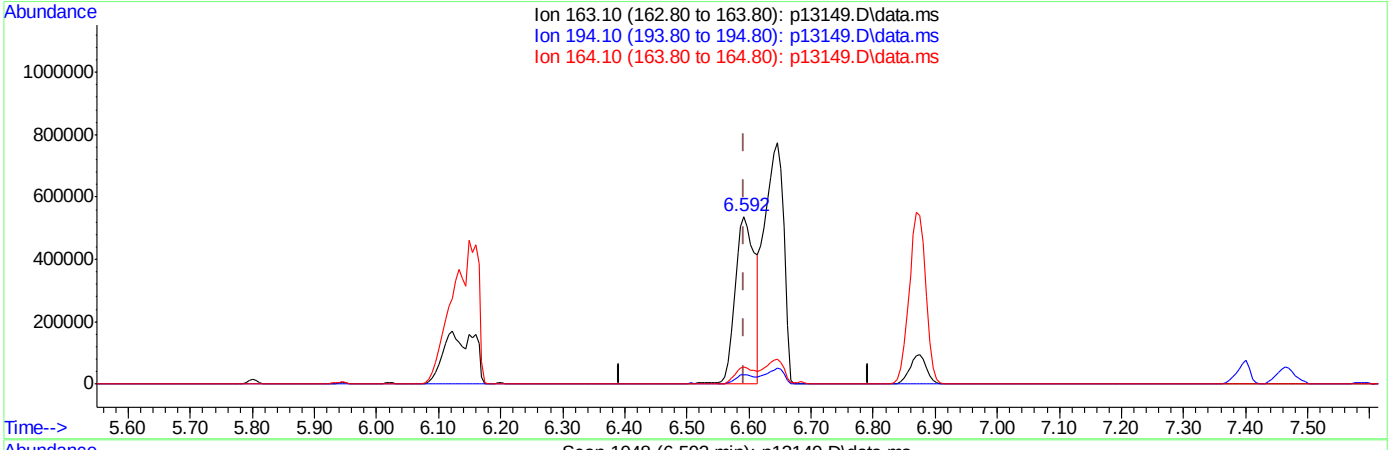
8.6.15.38

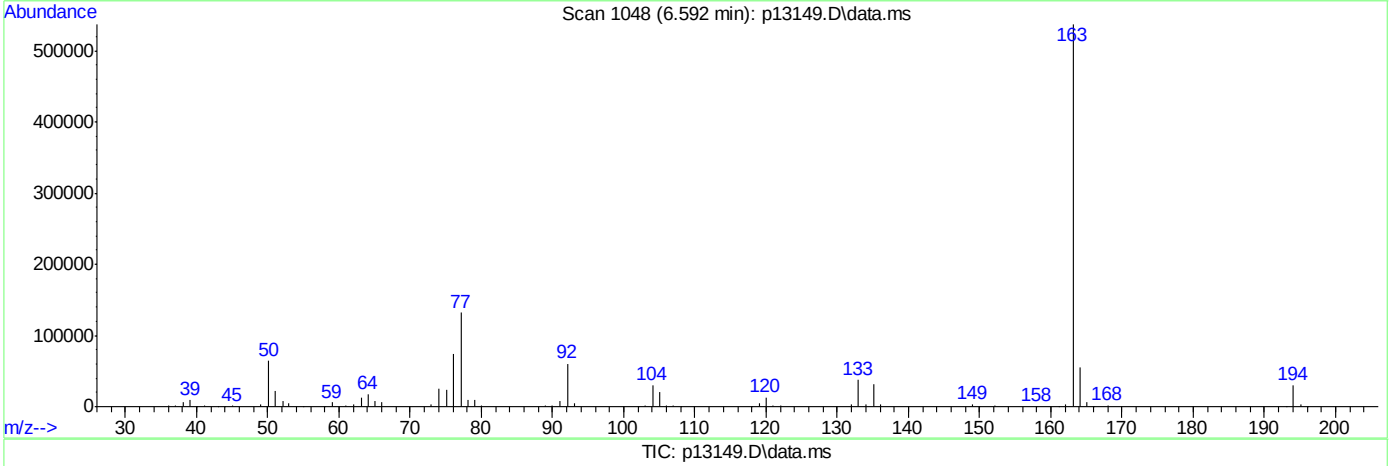
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





TIC: p13149.D\data.ms

(69) Dimethylphthalate

6.592min (+0.000) 34.55ppm

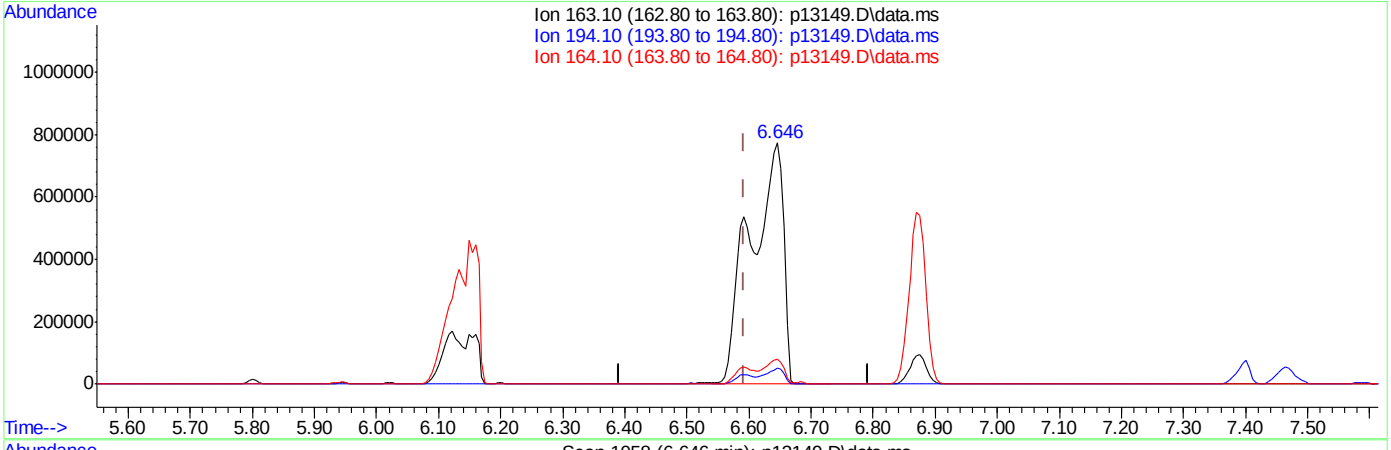
response 1224816

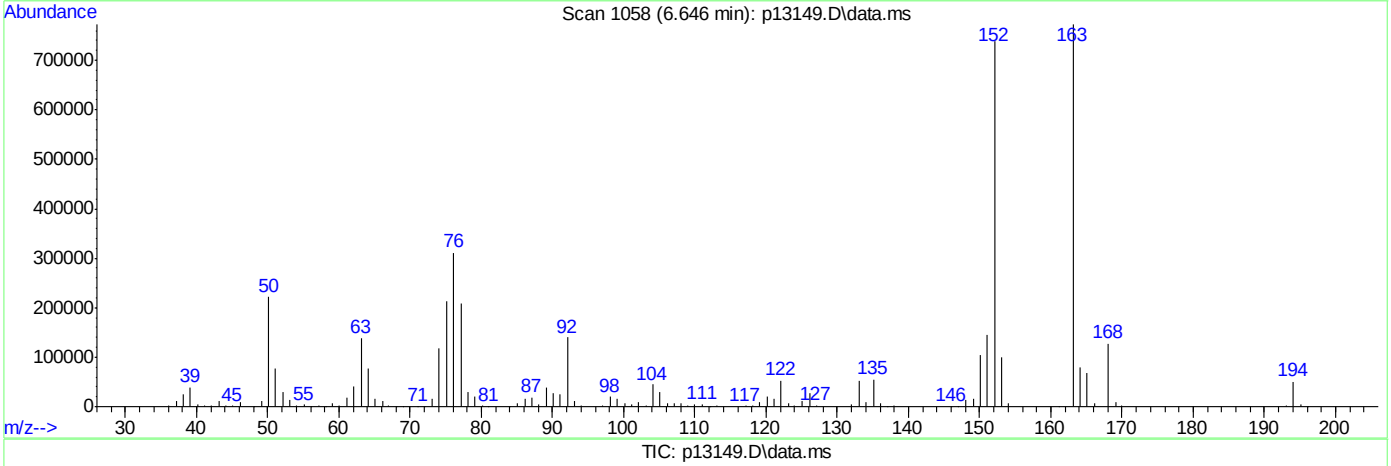
Ion	Exp%	Act%
163.10	100	100
194.10	5.70	4.95
164.10	10.20	10.22
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(69) Dimethylphthalate

6.646min (+0.054) 80.91ppm m

response 2868031

Ion	Exp%	Act%
163.10	100	100
194.10	5.70	2.12
164.10	10.20	4.36
0.00	0.00	0.00

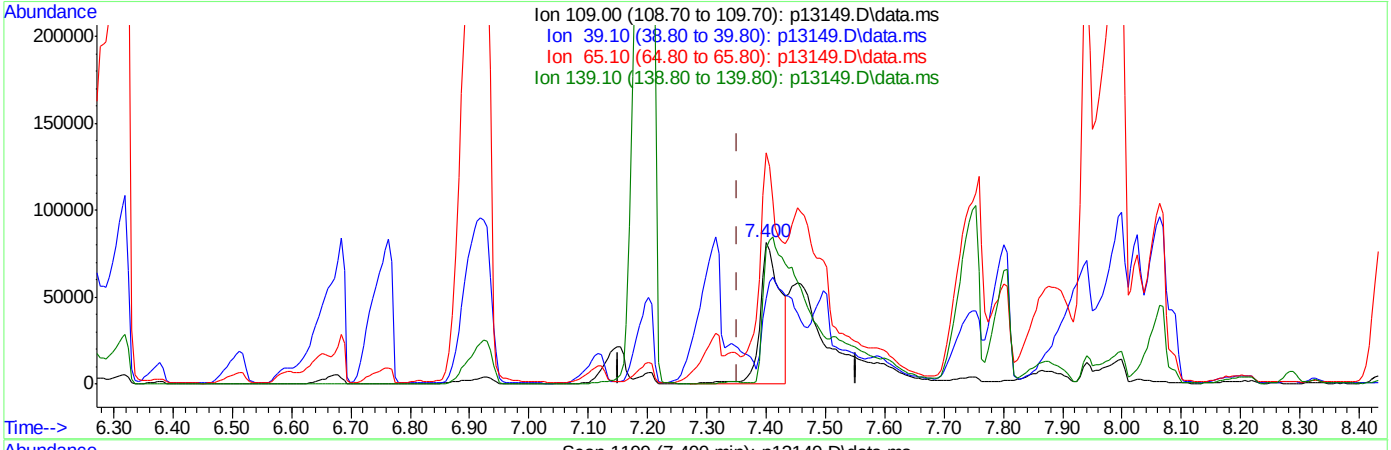
8.6.15.40

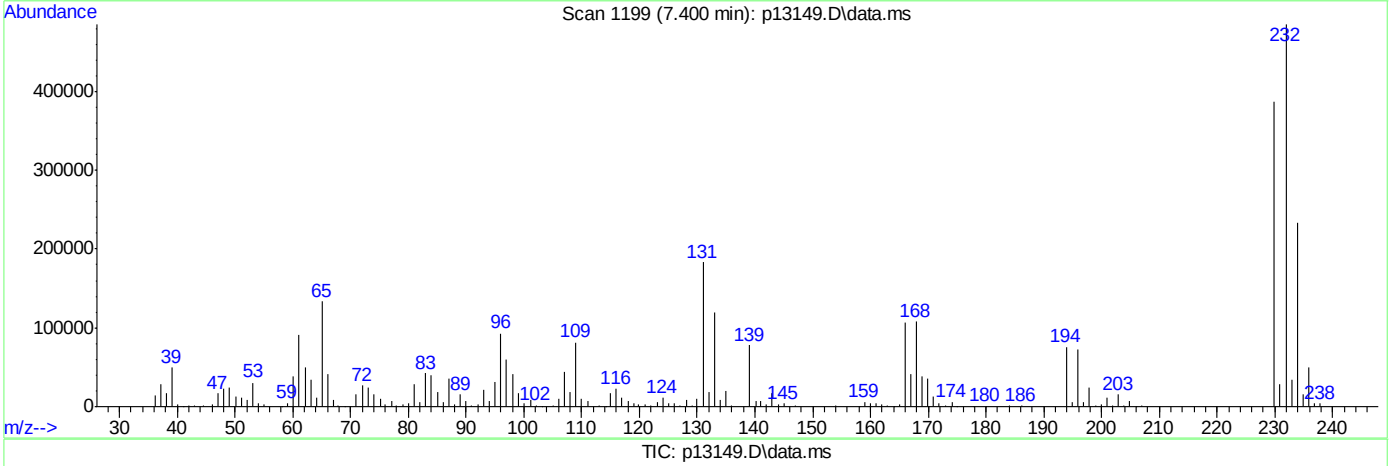
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





(78) 4-Nitrophenol (P)

7.400min (+0.048) 48.30ppm

response 190431

Ion	Exp%	Act%
109.00	100	100
39.10	83.80	98.84
65.10	153.10	130.49
139.10	157.30	200.14#

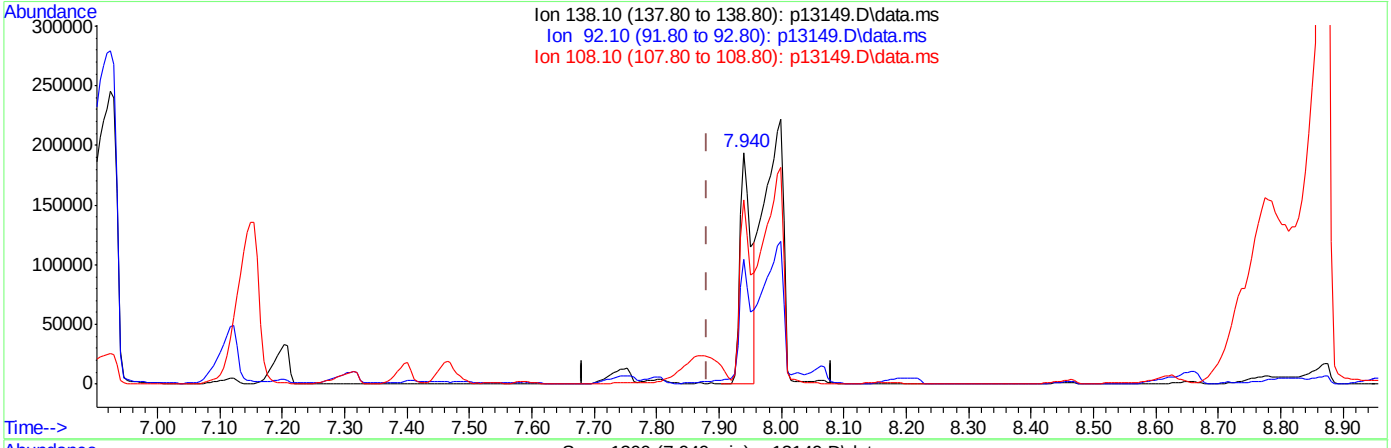
8.6.15.41

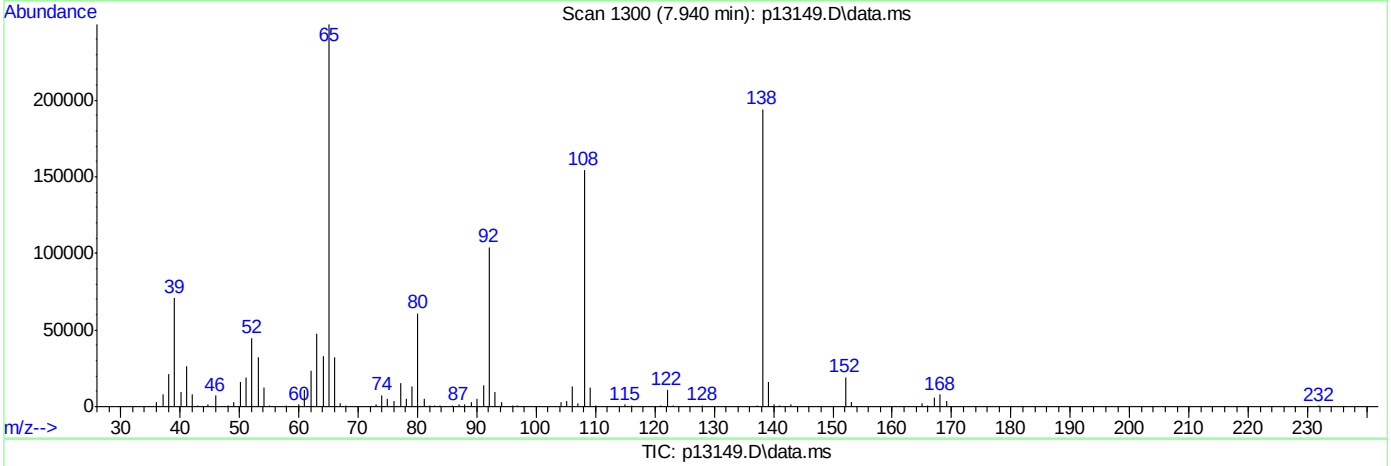
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(87) 4-Nitroaniline

7.940min (+0.059) 37.53ppm

response 252262

Ion	Exp%	Act%
138.10	100	100
92.10	53.30	57.60
108.10	76.00	80.35
0.00	0.00	0.00

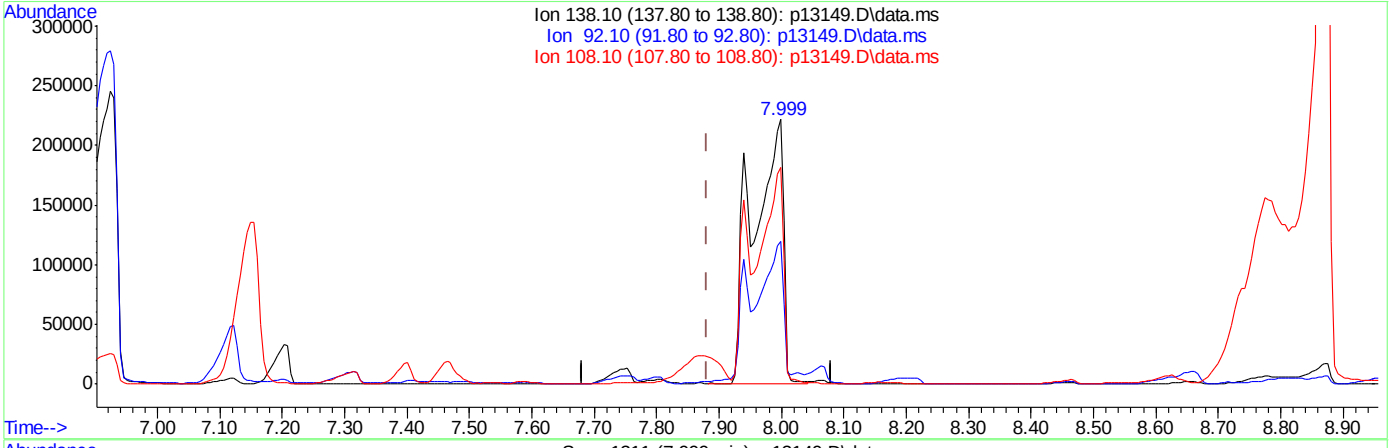
8.6.15.42

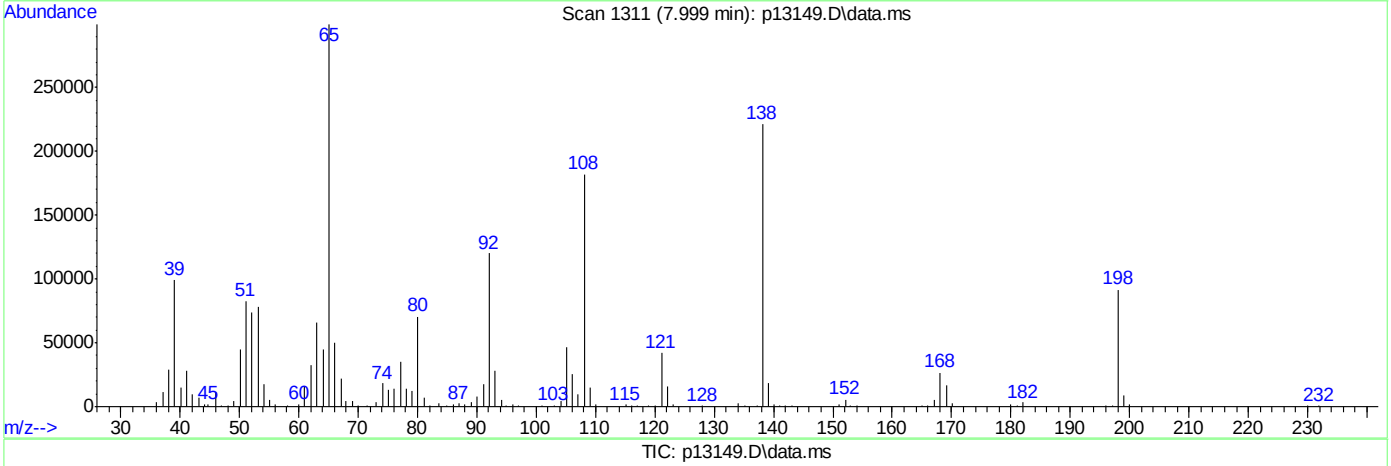
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





(87) 4-Nitroaniline

7.999min (+0.118) 111.40ppm m

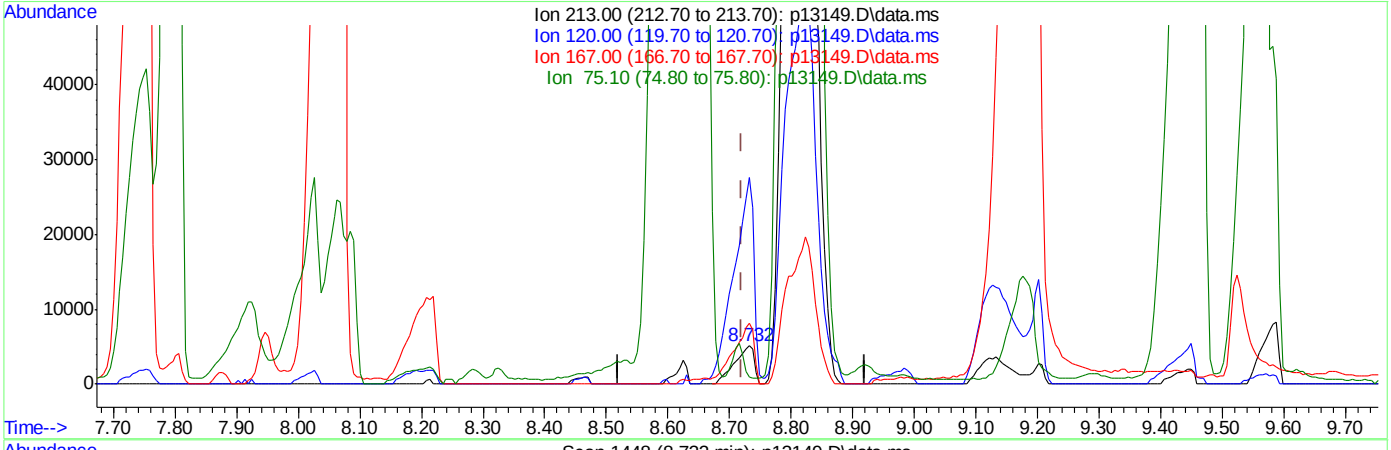
response 748690

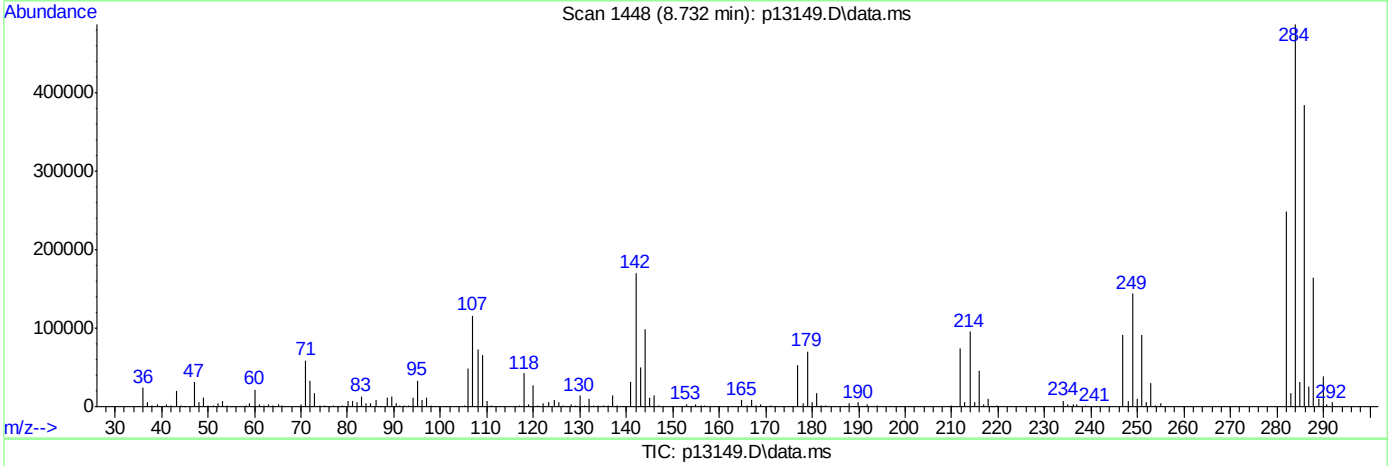
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	19.41#
108.10	76.00	27.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





(95) sym-Trinitrobenzene

8.732min (+0.011) 2.64ppm

response 11039

Ion	Exp%	Act%
213.00	100	100
120.00	66.70	562.47#
167.00	0.00	168.39#
75.10	247.80	49.00#

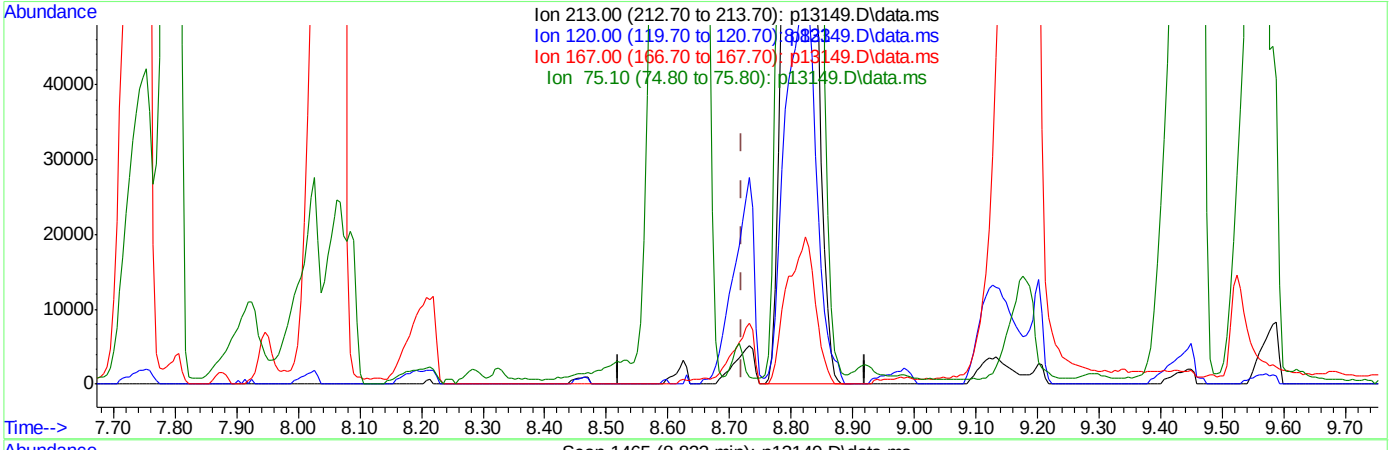
8.6.15.44

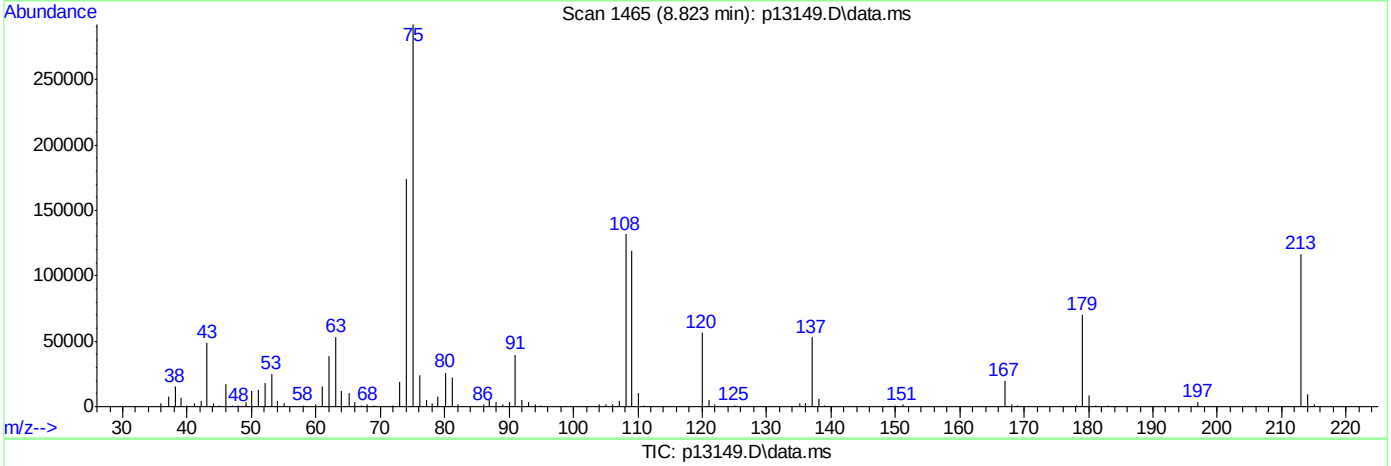
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(95) sym-Trinitrobenzene

8.823min (+0.102) 86.17ppm m

response 360718

Ion	Exp%	Act%
213.00	100	100
120.00	66.70	17.21#
167.00	0.00	5.15#
75.10	247.80	1.50#

8.6.15.45

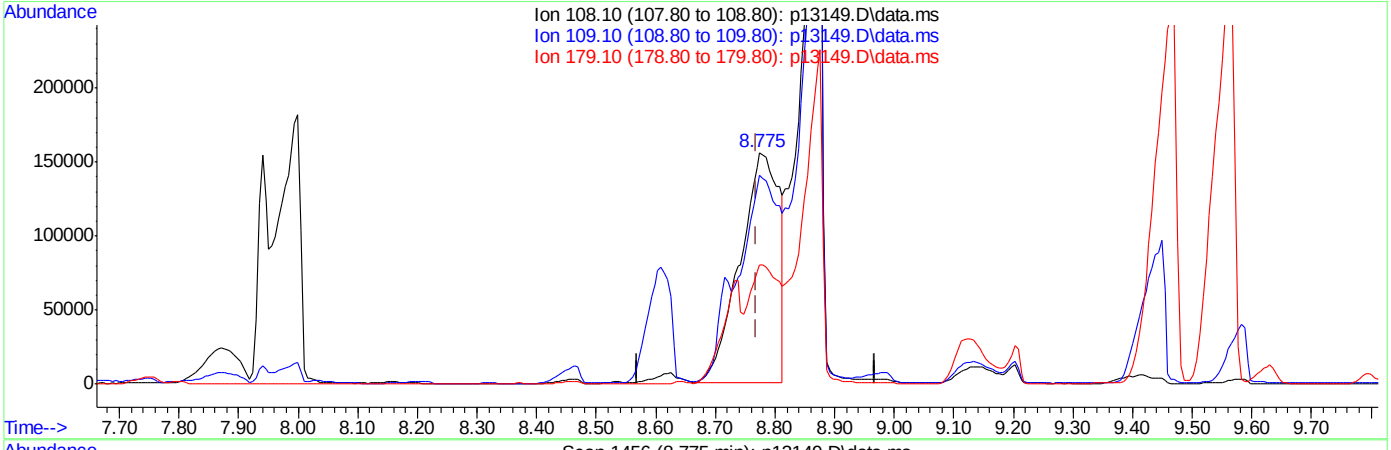
8

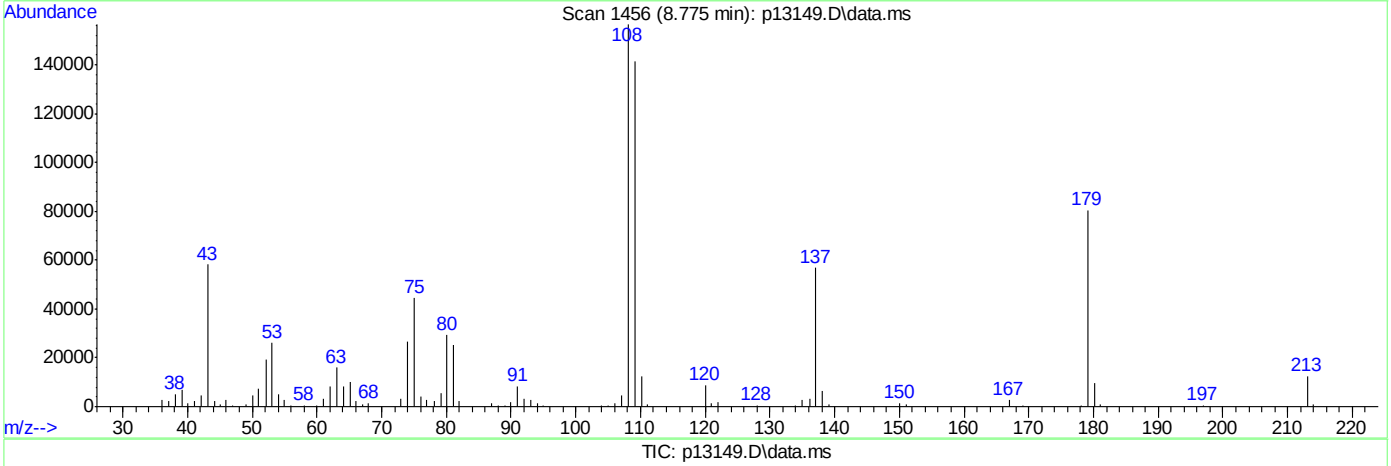
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(99) Phenacetin

8.775min (+0.005) 34.38ppm

response 705309

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	73.15#
179.10	33.00	38.71
0.00	0.00	0.00

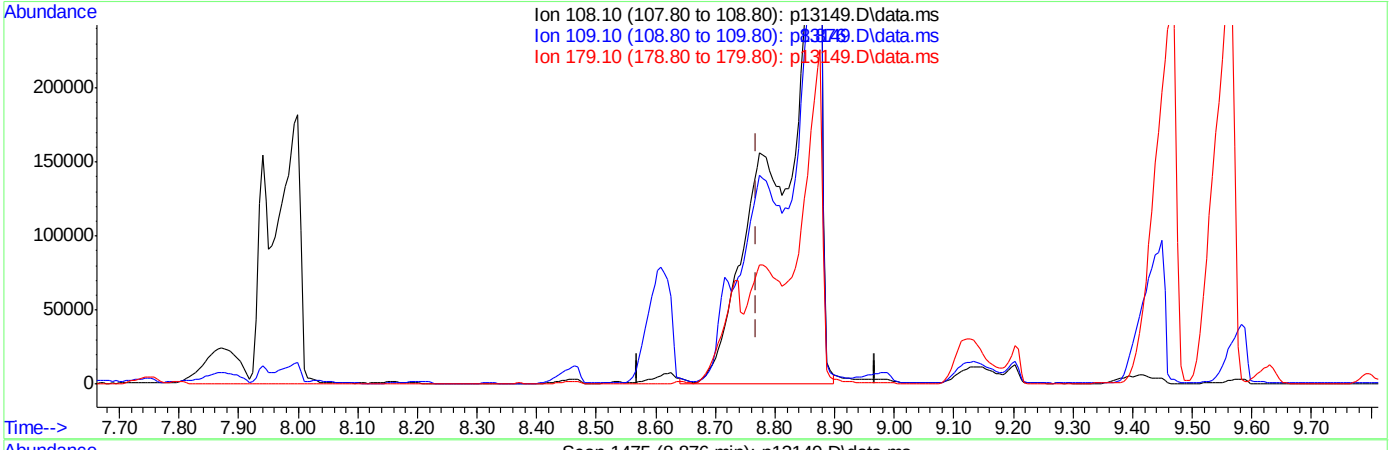
8.6.15.46

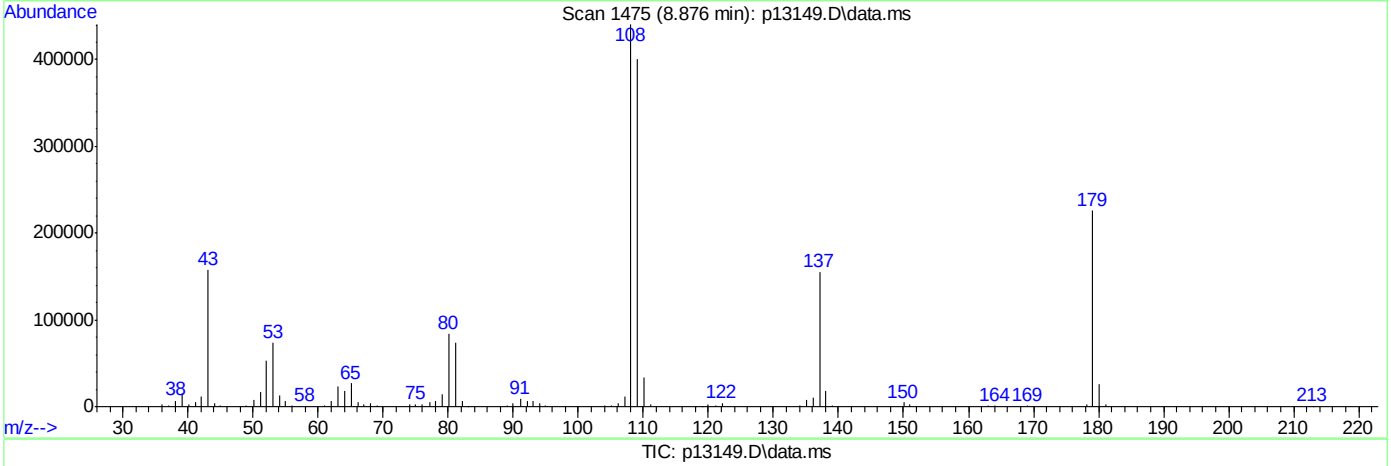
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(99) Phenacetin

8.876min (+0.107) 85.43ppm m

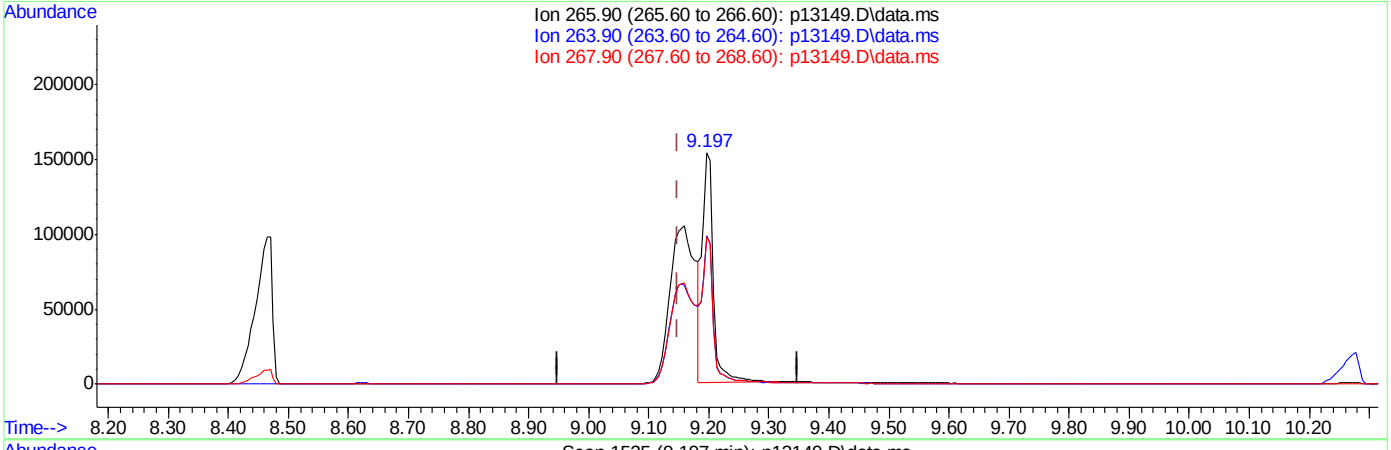
response 1752541

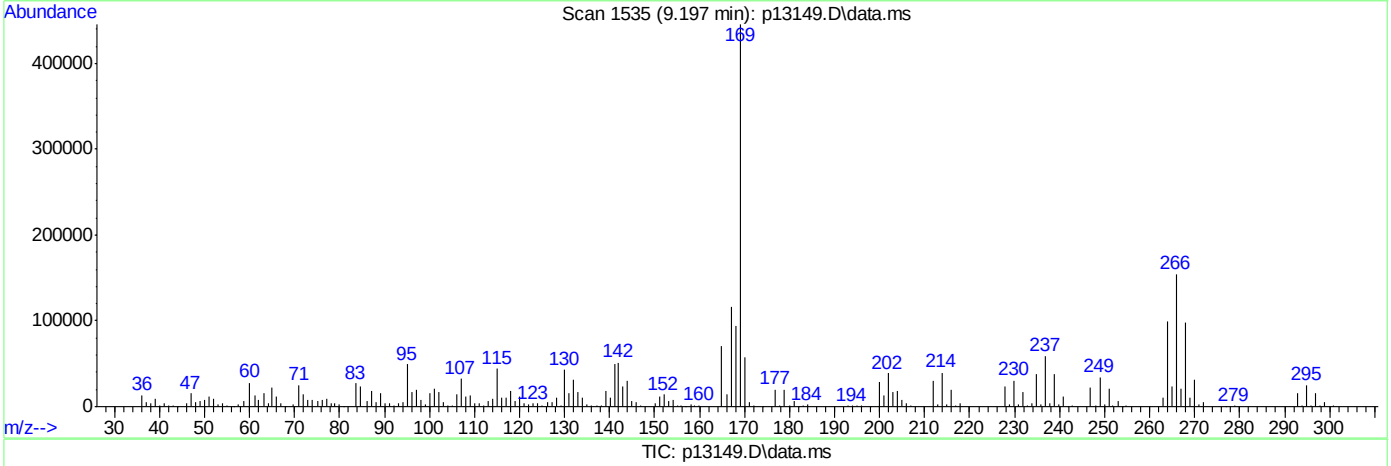
Ion	Exp%	Act%
108.10	100	100
109.10	56.00	29.44#
179.10	33.00	15.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(104) Pentachlorophenol (C)

9.197min (+0.048) 49.15ppm

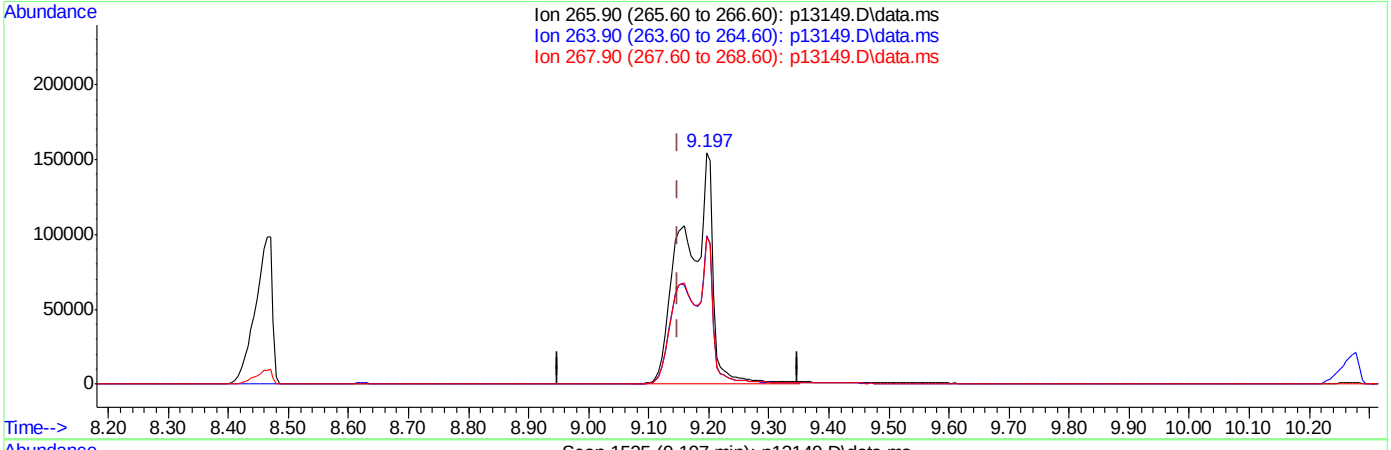
response 198925

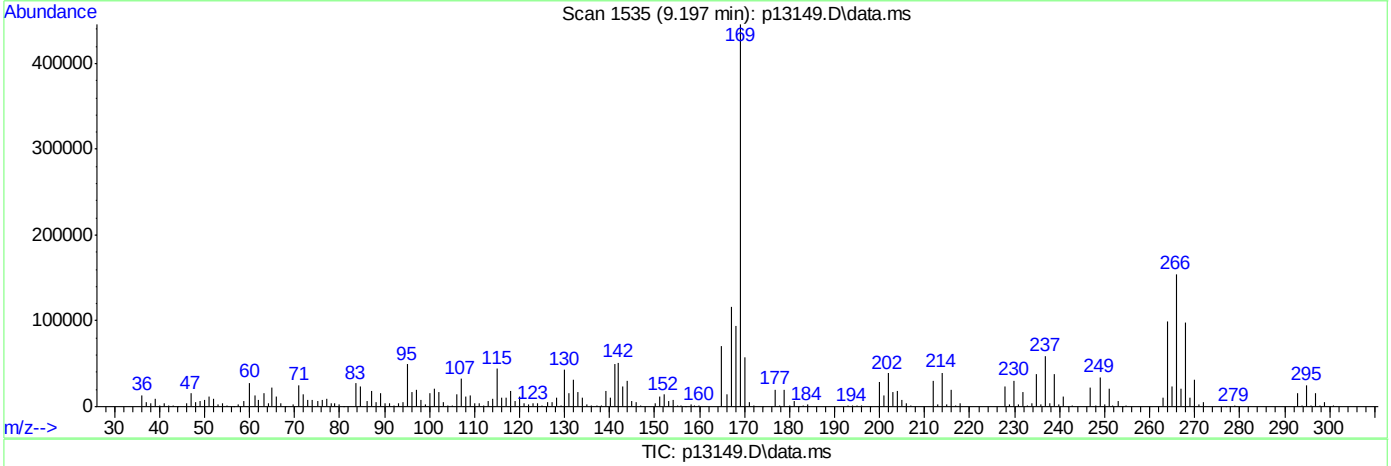
Ion	Exp%	Act%
265.90	100	100
263.90	64.30	63.67
267.90	63.20	63.41
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(104) Pentachlorophenol (C)

9.197min (+0.048) 128.35ppm m

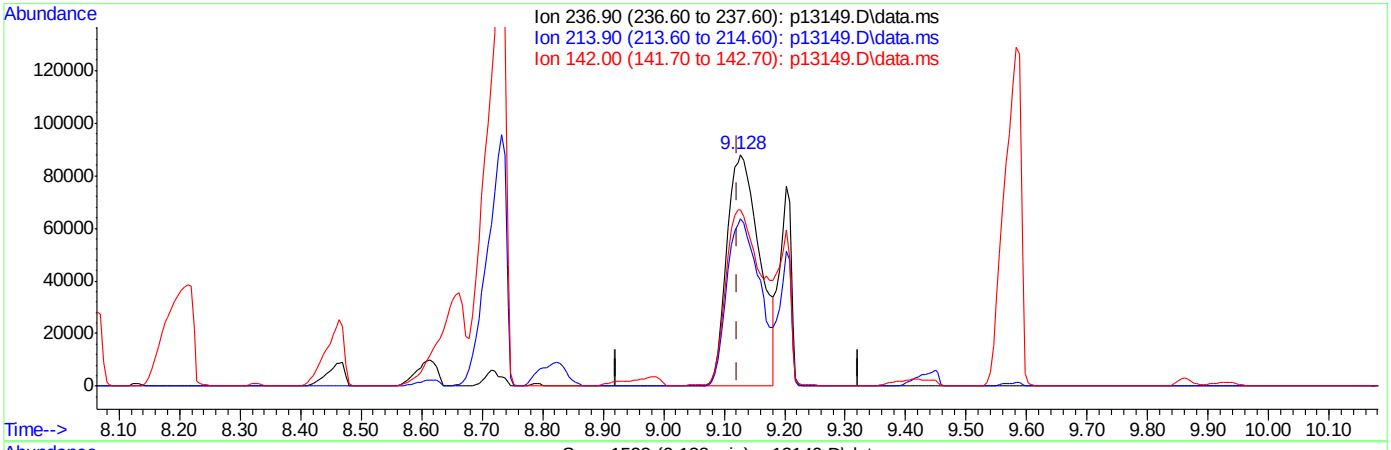
response 519473

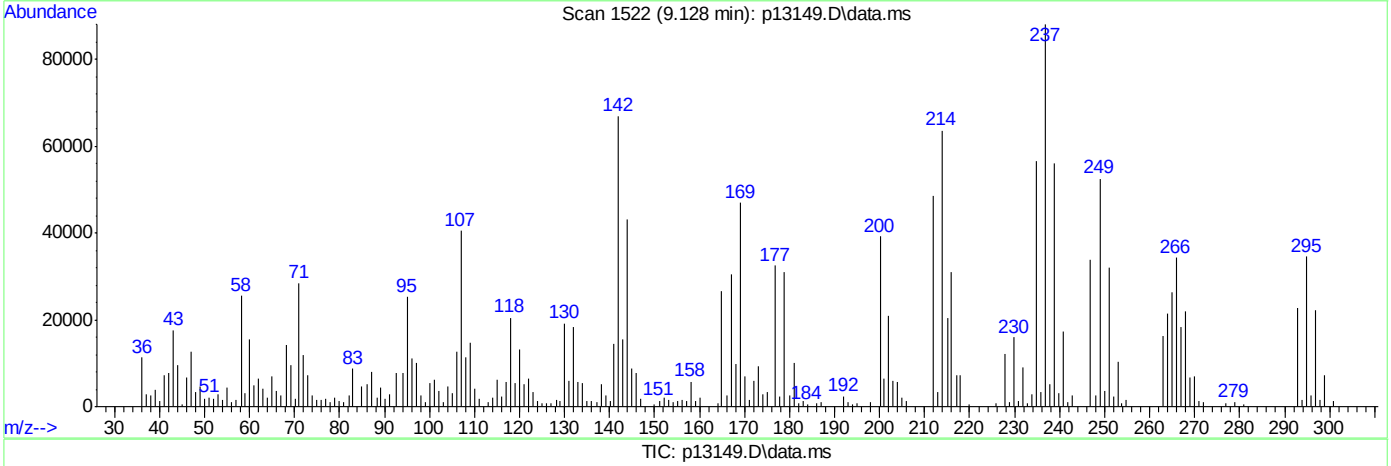
Ion	Exp%	Act%
265.90	100	100
263.90	64.30	24.38#
267.90	63.20	24.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(105) Pentachloronitrobenzene

9.128min (+0.005) 63.76ppm

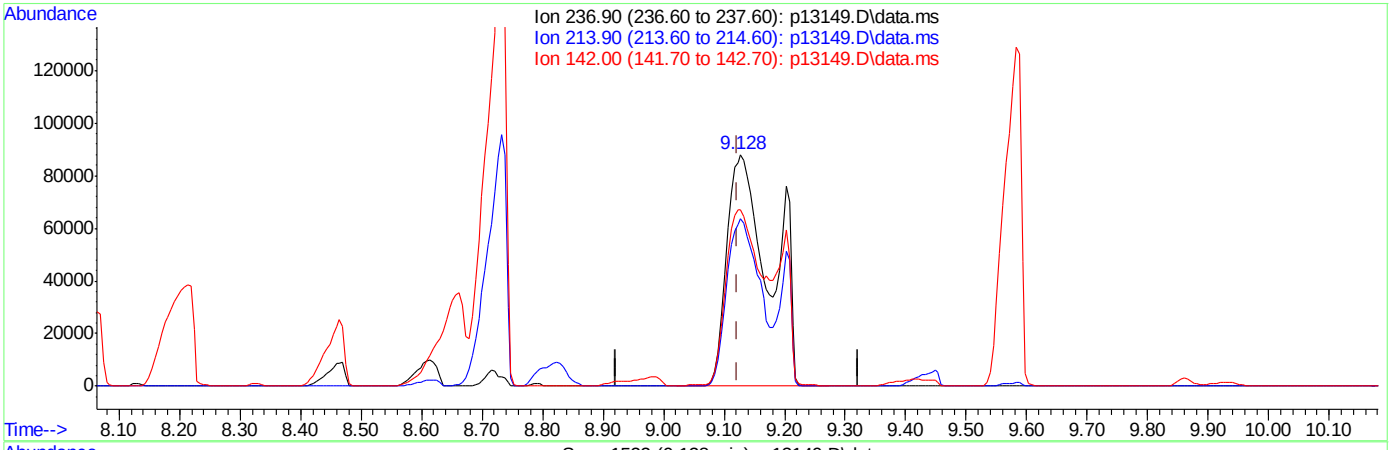
response 331128

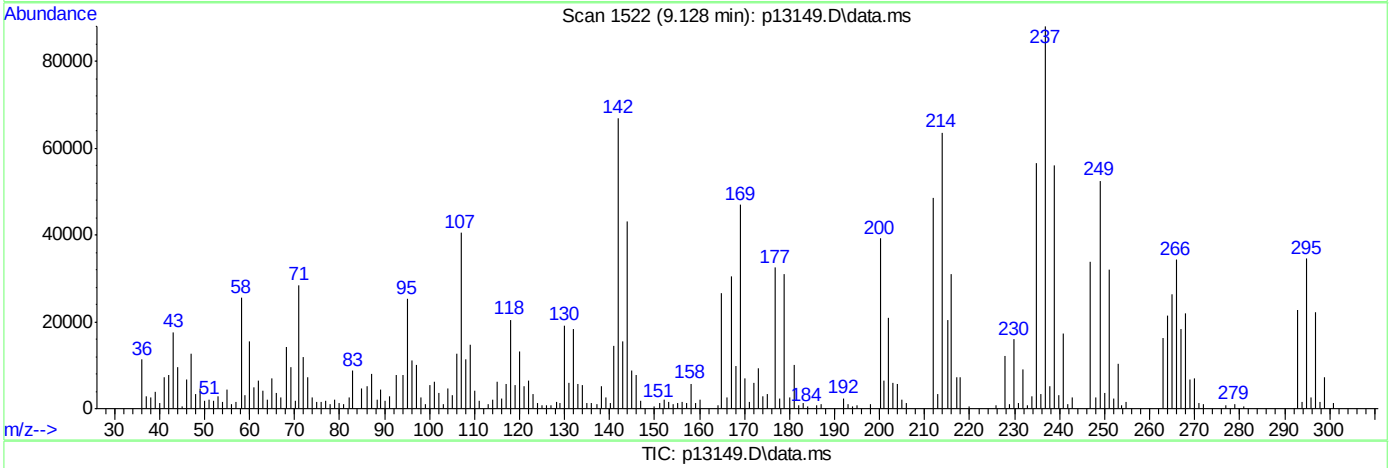
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	70.99
142.00	87.30	80.71
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(105) Pentachloronitrobenzene

9.128min (+0.005) 83.07ppm m

response 431434

Ion	Exp%	Act%
236.90	100	100
213.90	74.00	54.49#
142.00	87.30	61.95#
0.00	0.00	0.00

8.6.15.51 8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
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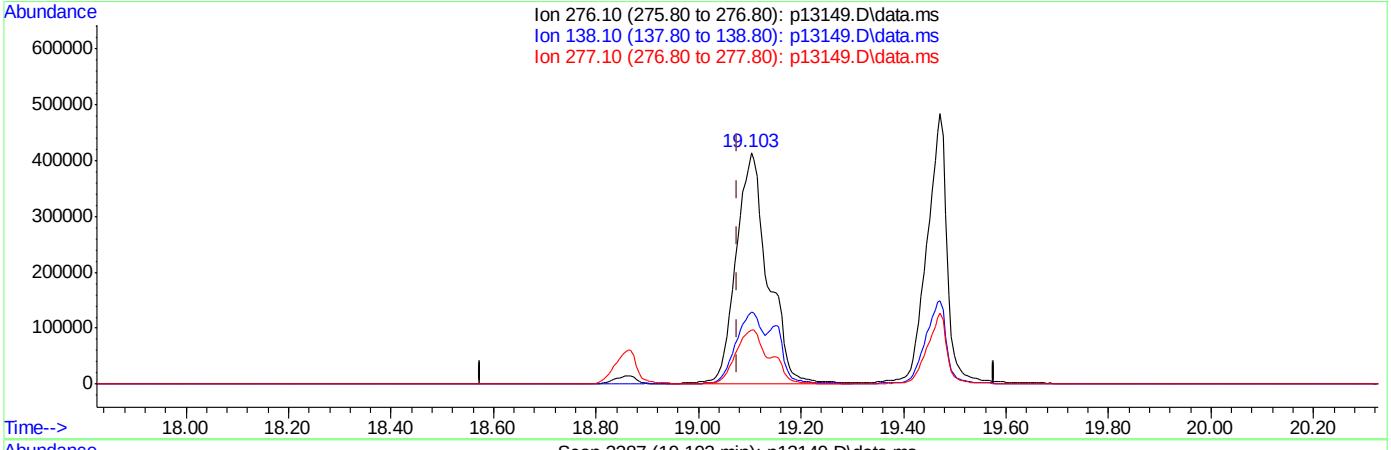
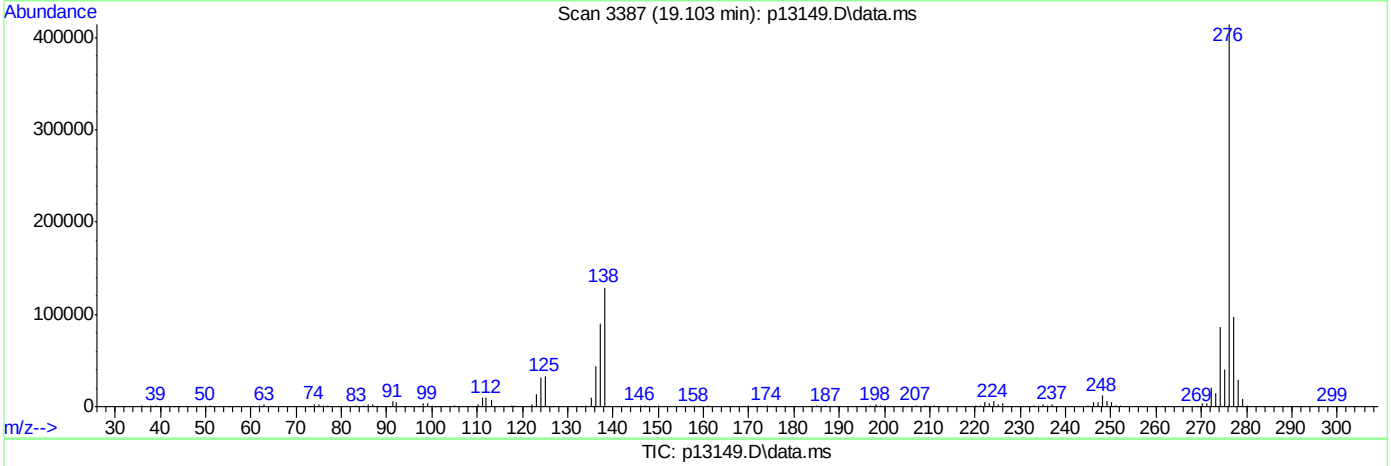




TIC: p13149.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.103min (+0.027) 108.77ppm

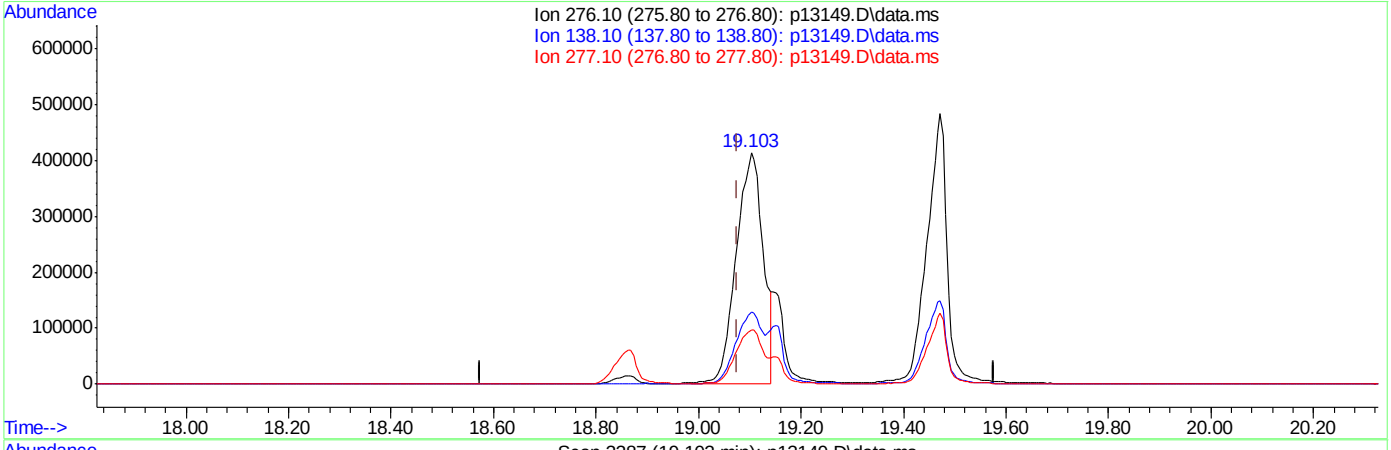
response 1779316

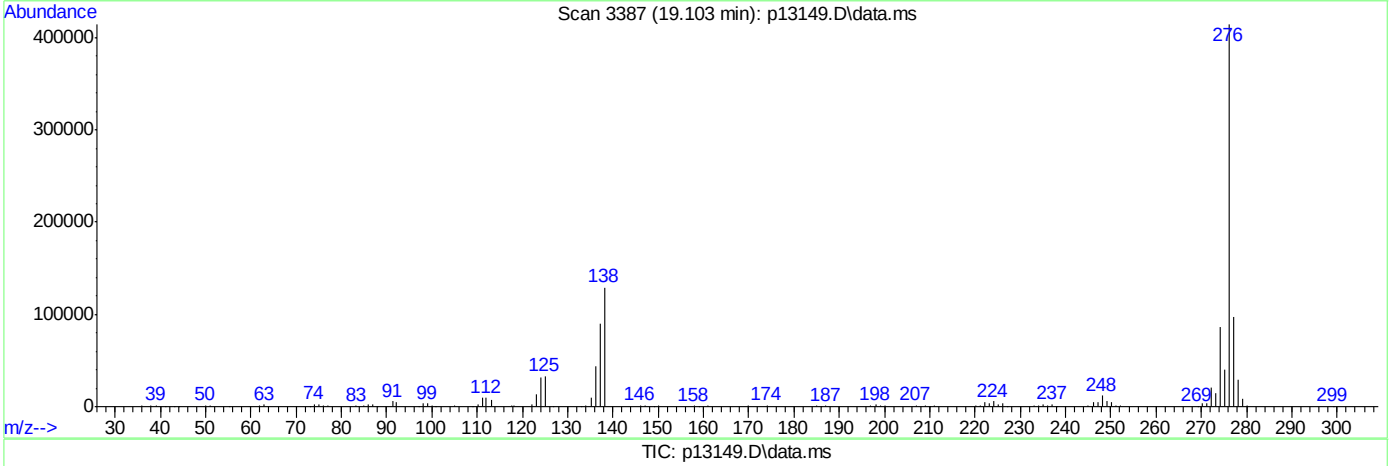
Ion	Exp%	Act%
276.10	100	100
138.10	29.00	25.43
277.10	22.90	20.03
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On    :  4 Sep 2010  11:30 am
Operator  : garyj
Sample    : ic621-100
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 04 11:52:22 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration
```





TIC: p13149.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.103min (+0.027) 91.78ppm m

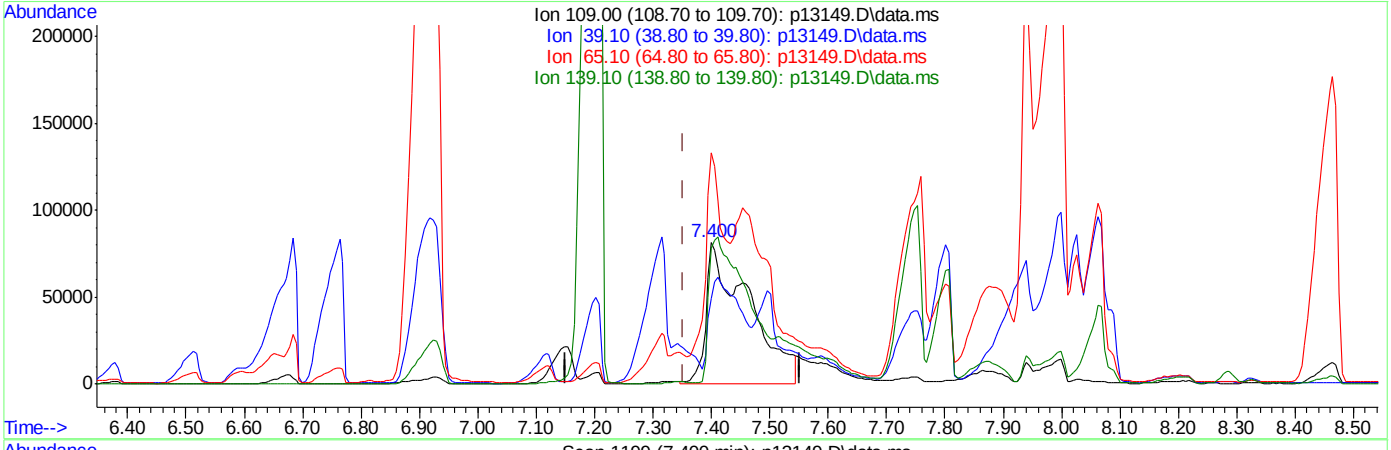
response 1501501

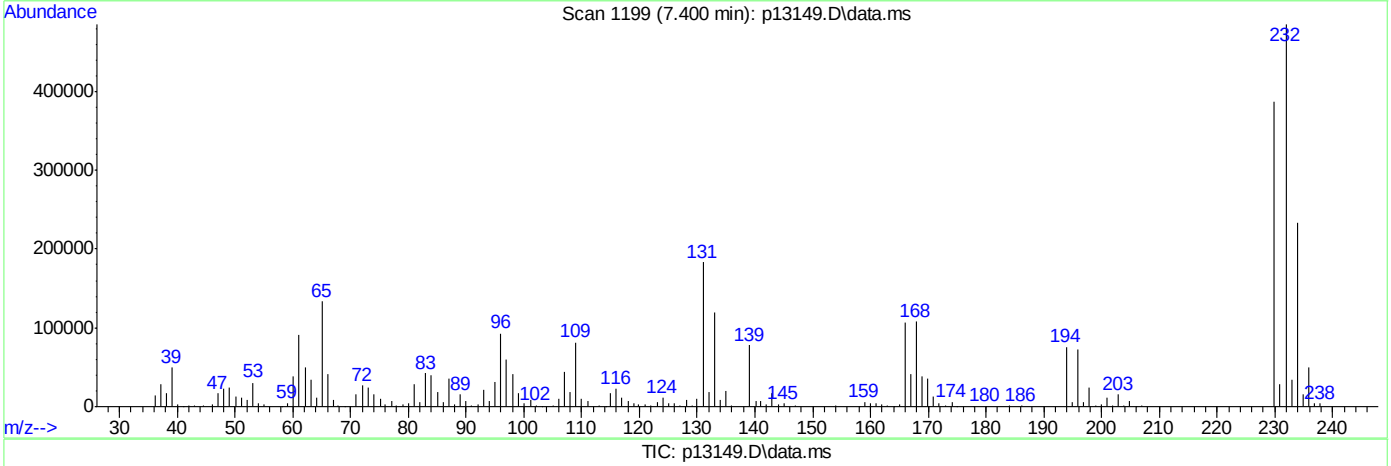
Ion	Exp%	Act%
276.10	100	100
138.10	29.00	30.13
277.10	22.90	23.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13149.D
Acq On : 4 Sep 2010 11:30 am
Operator : garyj
Sample : ic621-100
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 12:28:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:52:20 2010
Response via : Initial Calibration





(78) 4-Nitrophenol (P)

7.400min (+0.048) 105.54ppm m

response 416108

Ion	Exp%	Act%
109.00	100	100
39.10	83.80	45.23#
65.10	153.10	59.72#
139.10	157.30	91.59#

ACCUTEST LABORATORIES T59309

P13150.D

Manual Integrations APPROVED (compounds with "m" flag)

Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:22:03 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.870	152	340452	40.00	ppm	# 0.01
31) Naphthalene-d8	4.881	136	1328213	40.00	ppm	0.02
57) Acenaphthene-d10	6.881	164	1010761	40.00	ppm	0.02
88) Phenanthrene-d10	9.422	188	1881748	40.00	ppm	0.05
118) Chrysene-d12	14.712	240	1392317	40.00	ppm	0.04
134) Perylene-d12	17.381	264	796668	40.00	ppm	0.03
System Monitoring Compounds						
13) 2-Fluorophenol	2.902	112	5057748	543.35	ppm	0.06
Spiked Amount 100.000	Range 10 - 66		Recovery = 543.35%#			
15) Phenol-d5	3.725	99	5648958	464.69	ppm	0.04
Spiked Amount 100.000	Range 10 - 53		Recovery = 464.69%#			
32) Nitrobenzene-d5	4.357	82	2844269	213.06	ppm	0.04
Spiked Amount 50.000	Range 29 - 115		Recovery = 426.12%#			
61) 2-Fluorobiphenyl	6.020	172	5847910	210.54	ppm	0.02
Spiked Amount 50.000	Range 34 - 113		Recovery = 421.08%#			
93) 2,4,6-Tribromophenol	8.245	330	2538806	584.27	ppm	0.08
Spiked Amount 100.000	Range 32 - 128		Recovery = 584.27%#			
121) Terphenyl-d14	12.706	244	7453785	297.75	ppm	0.04
Spiked Amount 50.000	Range 12 - 145		Recovery = 595.50%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.163	79	827045	125.65	ppm	85
3) 1,4-Dioxane	1.163	88	457201m	128.55	ppm	
4) N-nitrosodimethylamine	1.452	42	676103	132.31	ppm	98
5) Pyridine	1.383	79	1391449m	137.67	ppm	
6) 2-Picoline	2.212	93	1538768m	144.80	ppm	
7) N-Nitrosomethylethylamine	2.372	42	941253m	138.59	ppm	
8) Methyl methanesulfonate	2.709	80	831749	137.24	ppm	99
9) N-Nitrosodiethylamine	3.046	102	748015	137.33	ppm	97
10) Ethyl methanesulfonate	3.356	79	1247437	139.20	ppm	99
11) Benzaldehyde	3.522	106	283743	93.54	ppm	100
12) Aniline	3.640	93	2013705	122.54	ppm	97
14) bis(2-Chloroethyl)ether	3.709	93	1605322m	135.52	ppm	
16) Phenol	3.742	94	1583519	119.34	ppm	95
17) 2-Chlorophenol	3.747	128	1248289	119.43	ppm	96
18) 1,3-Dichlorobenzene	3.822	146	1495921	118.42	ppm	99
19) 1,4-Dichlorobenzene	3.886	146	1678713	130.57	ppm	98
20) 1,2-Dichlorobenzene	4.004	146	1564125	127.91	ppm	99
21) Benzyl alcohol	4.068	108	1045461	137.21	ppm	99
22) bis(2-chloroisopropyl)...	4.132	45	2244830	101.70	ppm	86
23) 2-Methylphenol	4.185	108	1515594m	141.17	ppm	
24) N-Nitrosopyrrolidine	4.308	100	787880m	124.09	ppm	
25) N-Nitrosomorpholine	4.292	56	954318m	105.93	ppm	
26) o-Toluidine	4.271	106	2239419	120.04	ppm	# 29
27) Acetophenone	4.244	105	1778178	113.41	ppm	# 12
28) Hexachloroethane	4.255	117	542543	104.77	ppm	89
29) N-Nitroso-di-n-propyla...	4.292	70	1096786m	125.10	ppm	
30) 3&4-Methylphenol	4.314	108	1346600	122.84	ppm	# 81

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:22:03 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33)	Nitrobenzene	4.373	77	1989851	142.30	ppm		92
34)	N-Nitrosopiperidine	4.501	42	1305548	112.88	ppm		97
35)	A,A-Dimethylphenethyla...	6.309	58	6016340m	120.64	ppm		
36)	Isophorone	4.571	82	3320233m	119.61	ppm		
37)	2-Nitrophenol	4.592	139	816682	148.08	ppm		94
38)	2,4-Dimethylphenol	4.704	107	1416866	109.14	ppm		87
39)	bis(2-Chloroethoxy)met...	4.742	93	2111840m	124.00	ppm		
40)	O,O,O-Triethyl phospho...	4.731	121	469922m	81.76	ppm		
41)	Benzoic Acid	4.956	105	869567m	266.50	ppm		
42)	2,4-Dichlorophenol	4.822	162	1197626	124.70	ppm		96
43)	1,2,4-Trichlorobenzene	4.838	180	1471173	123.89	ppm		99
44)	Naphthalene	4.902	128	3863085	113.01	ppm		99
45)	4-Chloroaniline	4.988	127	1665859	118.10	ppm		89
46)	2,6-Dichlorophenol	4.998	162	1207207	126.55	ppm		98
47)	Hexachloropropene	4.972	213	715849	163.10	ppm		99
48)	Hexachlorobutadiene	5.025	225	871633	116.44	ppm		100
49)	p-Phenylenediamine	5.421	108	410548m	125.51	ppm		
50)	Caprolactam	5.474	113	653583m	143.62	ppm		
51)	N-Nitrosodi-n-butylamine	5.346	84	1312150m	118.95	ppm		
52)	4-Chloro-3-methylphenol	5.544	107	1401852m	125.16	ppm		
53)	Isosafrole	5.501	162	1233304	125.77	ppm		92
54)	2-Methylnaphthalene	5.571	142	3390278m	137.07	ppm		
55)	1-Methylnaphthalene	5.672	142	2789181	115.53	ppm		98
56)	1,2,4,5-Tetrachloroben...	5.763	216	1510531	125.71	ppm		100
58)	Hexachlorocyclopentadiene	5.747	237	579892	228.03	ppm	#	100
59)	2,4,6-Trichlorophenol	5.961	196	1072903	140.76	ppm		99
60)	2,4,5-Trichlorophenol	6.041	196	979328	137.18	ppm		99
62)	Safrole	6.138	162	3669584m	194.93	ppm		
63)	1,1'-Biphenyl	6.159	154	2743719	91.74	ppm		99
64)	2-Chloronaphthalene	6.138	162	2569335m	99.81	ppm		
65)	1-Chloronaphthalene	6.175	162	886004m	50.80	ppm		
66)	2-Nitroaniline	6.341	65	1223693m	124.51	ppm		
67)	1,4-Naphthoquinone	6.394	158	1025847	98.56	ppm		97
68)	Acenaphthylene	6.689	152	4488415	106.40	ppm		100
69)	Dimethylphthalate	6.667	163	3618949m	110.68	ppm		
70)	m-Dinitrobenzene	6.539	168	613368	128.19	ppm		100
71)	2,6-Dinitrotoluene	6.710	165	820710	113.96	ppm		83
72)	Acenaphthene	6.951	153	2907543	107.12	ppm		100
73)	3-Nitroaniline	6.967	138	883184	129.09	ppm	#	1
74)	2,4-Dinitrophenol	7.154	184	547773	190.63	ppm		92
75)	Dibenzofuran	7.218	168	4319617	112.81	ppm		98
76)	Pentachlorobenzene	7.170	250	1562832	131.03	ppm		100
77)	2,4-Dinitrotoluene	7.352	165	1171213	117.59	ppm		92
78)	4-Nitrophenol	7.427	109	525990m	141.96	ppm		
79)	1-Naphthylamine	7.405	143	2301497m	136.67	ppm		
80)	2-Naphthylamine	7.523	143	2040186	141.65	ppm		99
81)	2,3,4,6-Tetrachlorophenol	7.486	232	995348	151.51	ppm		96
82)	Fluorene	7.769	166	3506531	109.13	ppm		100
83)	4-Chlorophenyl-phenyle...	7.817	204	1947404	121.29	ppm		93
84)	Diethylphthalate	7.785	149	3678381	103.95	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:22:03 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.962	152	1152899	142.28	ppm		97
86)	Thionazin	7.892	97	1010257	113.26	ppm		100
87)	4-Nitroaniline	8.047	138	933628m	143.10	ppm		
89)	4,6-Dinitro-2-methylph...	8.063	198	720252m	161.26	ppm		
90)	n-Nitrosodiphenylamine	8.090	169	3021389	108.95	ppm		97
91)	1,2-Diphenylhydrazine	8.106	77	4227076	103.26	ppm		89
92)	Diphenylamine	8.090	169	3021389	108.95	ppm		97
94)	Tetraethyl dithiopyrop...	8.491	97	745846	105.36	ppm	#	78
95)	sym-Trinitrobenzene	8.876	213	459619m	119.84	ppm		
96)	Diallate	8.614	43	1445687	82.55	ppm	#	80
97)	Phorate	8.646	75	2247355	97.73	ppm		96
98)	4-Bromophenyl-phenylether	8.678	248	1253473	129.24	ppm		91
99)	Phenacetin	8.924	108	2273585m	121.11	ppm		
100)	Hexachlorobenzene	8.753	284	1382454	133.55	ppm		90
101)	Dimethoate	9.015	87	815685	60.82	ppm		99
102)	Atrazine	9.181	200	349838	50.37	ppm	#	83
103)	4-aminobiphenyl	9.197	169	2954494	105.60	ppm		100
104)	Pentachlorophenol	9.224	266	715422m	179.98	ppm		
105)	Pentachloronitrobenzene	9.133	237	571180m	120.67	ppm		
106)	Pronamide	9.475	173	1679022	107.41	ppm		95
107)	Phenanthrene	9.486	178	5106065	107.67	ppm		99
108)	Anthracene	9.588	178	5177063	108.37	ppm		99
109)	Disulfoton	9.604	88	2186066	103.14	ppm		96
110)	Carbazole	9.962	167	5045517	108.92	ppm		100
111)	Methyl parathion	10.288	109	862315	70.30	ppm		98
112)	Di-n-butylphthalate	10.839	149	6842285	100.79	ppm		100
113)	4-Nitroquinoline 1-Oxide	11.048	190	382748	113.30	ppm		98
114)	Parathion	11.128	97	976989	101.02	ppm	#	94
115)	Methapyrilene	11.315	58	595251	80.09	ppm	#	98
116)	Isodrin	11.433	193	758650	112.13	ppm		92
117)	Fluoranthene	11.781	202	5745505	105.38	ppm		99
119)	Benzidine	12.187	184	1108728	102.12	ppm		97
120)	Pyrene	12.203	202	5953357	139.44	ppm		98
122)	Aramite	12.968	185	339964	110.90	ppm	#	82
123)	p-(Dimethylamine)azobe...	13.011	120	1736565	127.05	ppm		94
124)	Chlorobenzilate	13.160	139	1957059	128.41	ppm		91
126)	3,3'-Dimethylbenzidine	13.685	212	1530388	120.84	ppm		97
127)	Famphur	13.642	218	5672	1.54	ppm	#	100
128)	Butylbenzylphthalate	13.829	149	2638147	119.24	ppm		99
129)	2-Acetylaminofluorene	14.289	181	1445251	117.88	ppm		98
130)	3,3'-Dichlorobenzidine	14.765	252	1338473	148.97	ppm		98
131)	Benzo[a]anthracene	14.690	228	4512146	126.36	ppm		100
132)	Chrysene	14.786	228	3871968	117.67	ppm		100
133)	bis(2-Ethylhexyl)phtha...	15.134	149	3579131	117.66	ppm		98
135)	Di-n-octylphthalate	16.412	149	5185126	126.35	ppm		98
136)	Benzo[b]fluoranthene	16.787	252	3503381	138.52	ppm		99
137)	Benzo[k]fluoranthene	16.830	252	2431903m	104.73	ppm		
138)	7,12-Dimethylbenz(a)an...	16.739	256	1489430	174.19	ppm		98
140)	Benzo[a]pyrene	17.300	252	2610737	121.18	ppm		100
141)	3-Methylcholanthrene	17.942	268	1268506	128.10	ppm		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:22:03 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	19.108	276	1585661m	117.97 ppm	
143) Dibenz[a,h]anthracene	19.156	278	1565001	108.48 ppm	97
144) Benzo[g,h,i]perylene	19.477	276	1364915	98.21 ppm	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

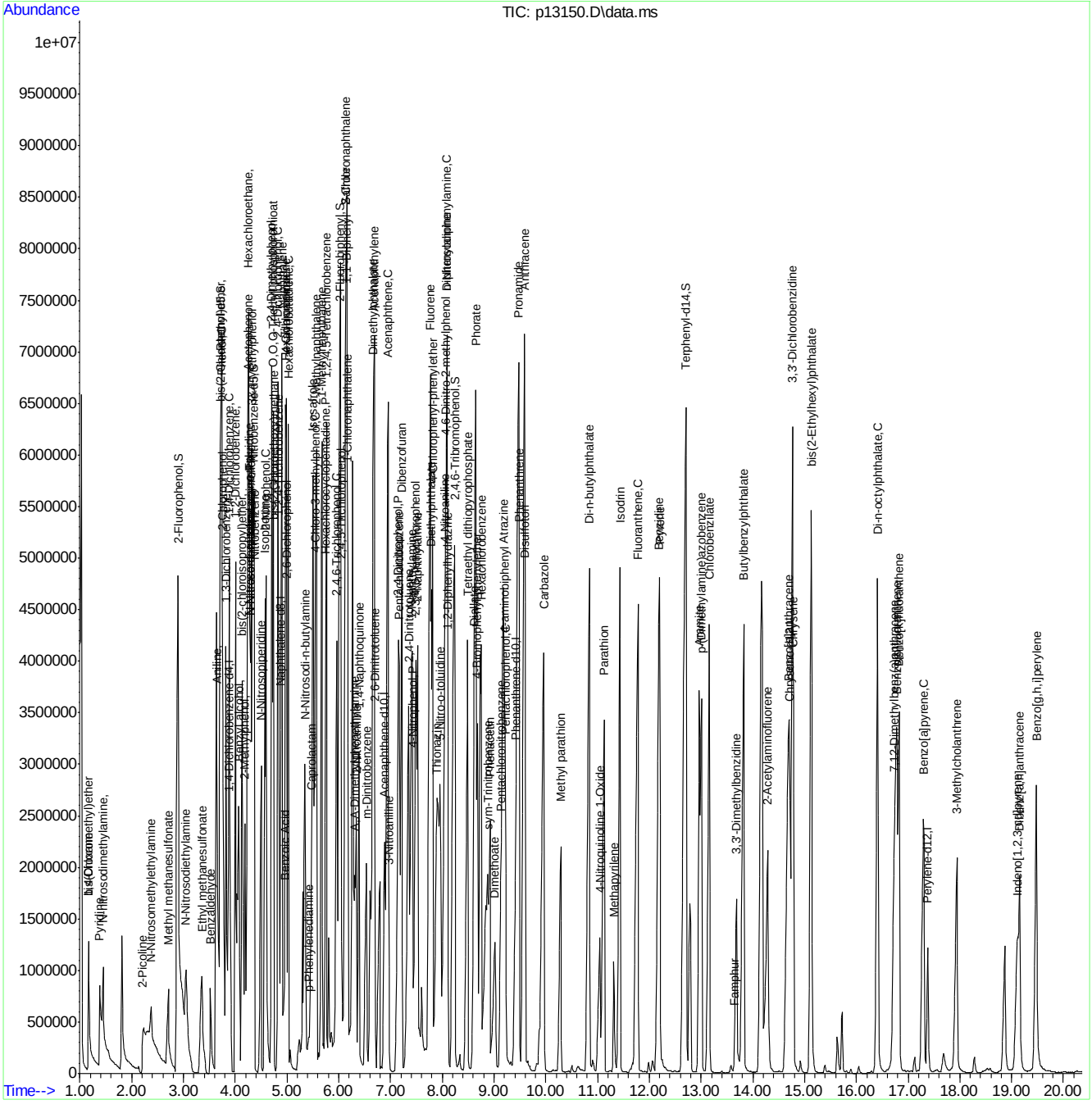
8.6.16

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:22:03 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration



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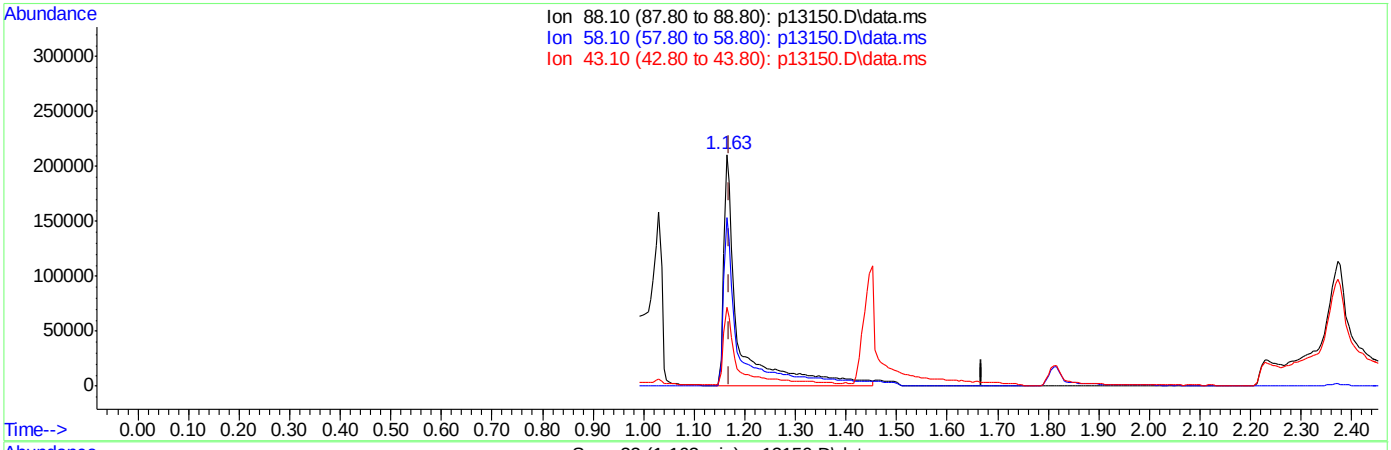
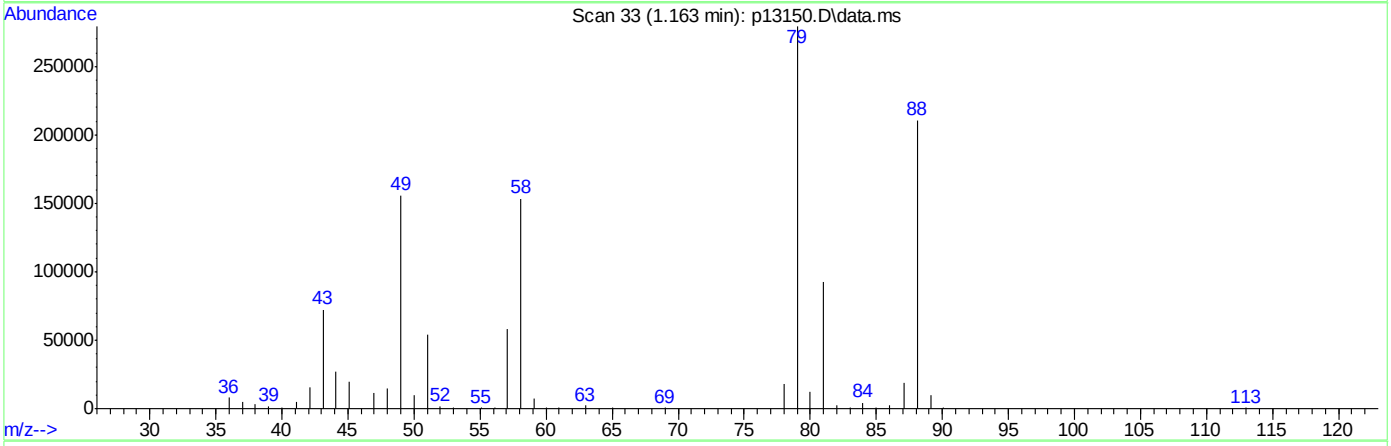
Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(3) 1,4-Dioxane

1.163min (-0.006) 121.38ppm

response 431704

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	81.58
43.10	0.00	32.82#
0.00	0.00	0.00

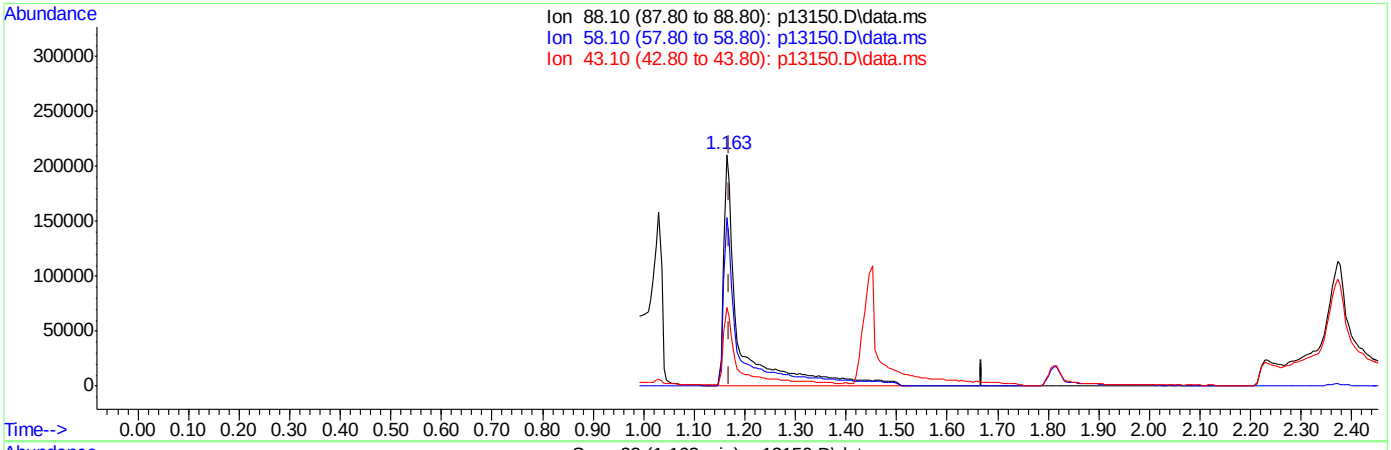
8.6.16.1

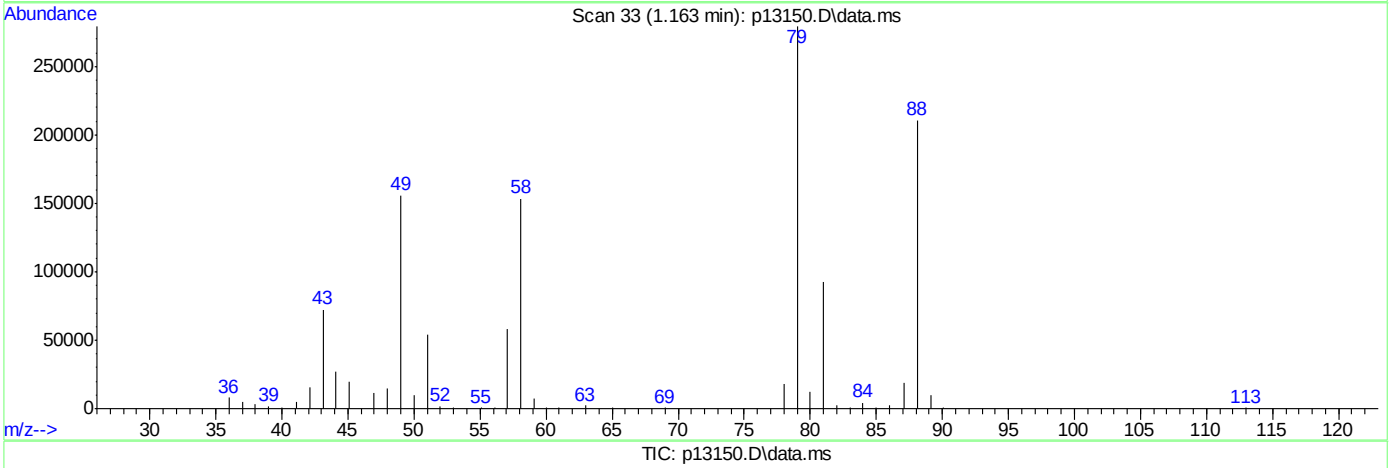
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(3) 1,4-Dioxane

1.163min (-0.006) 128.55ppm m

response 457201

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	77.03
43.10	0.00	30.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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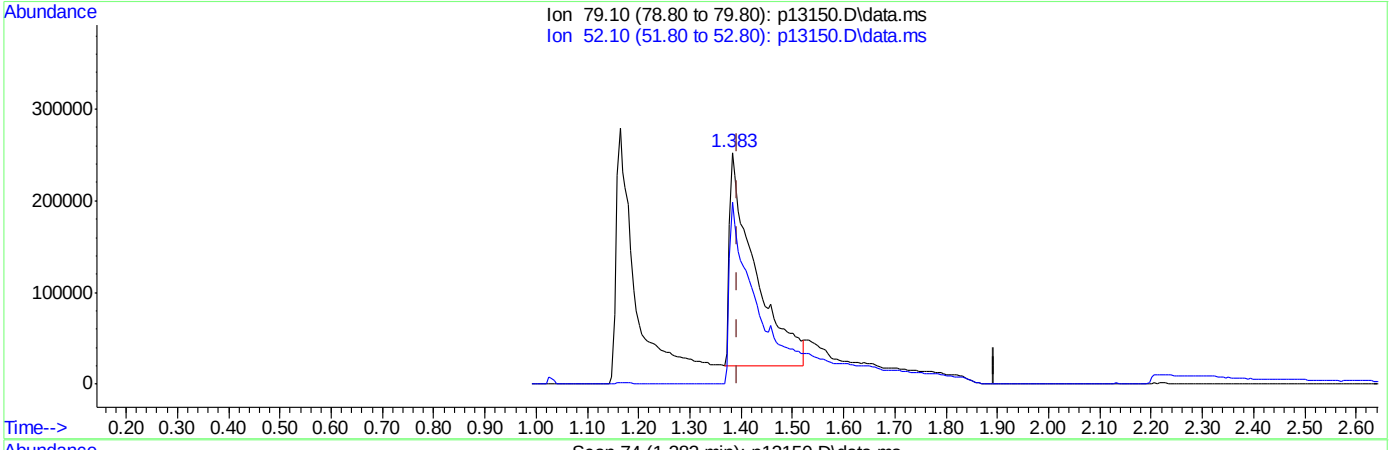
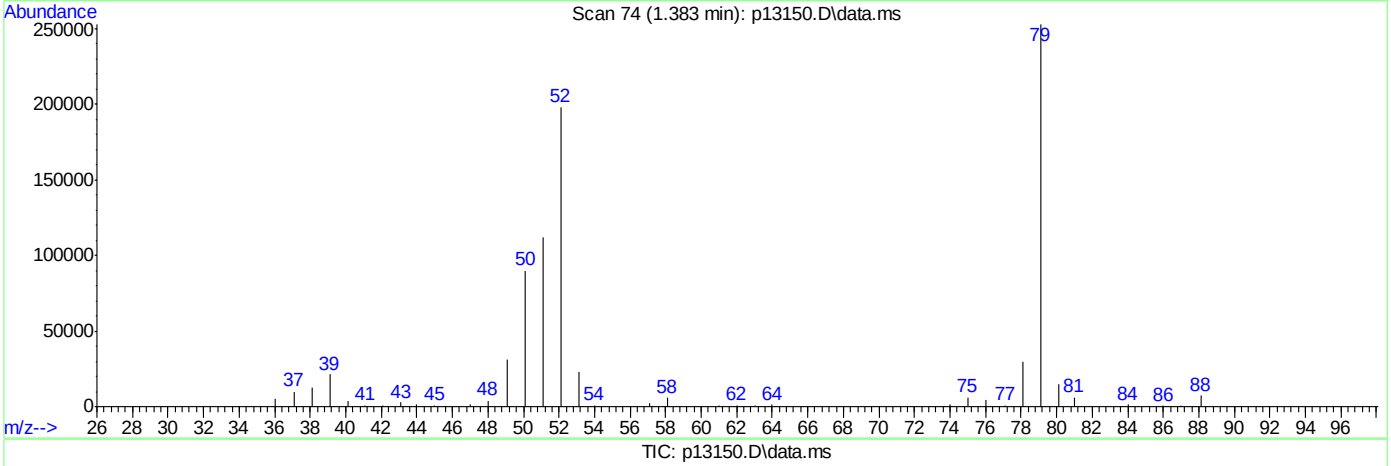




TIC: p13150.D\data.ms

(5) Pyridine ( )

1.383min (-0.010) 79.01ppm

response 798569

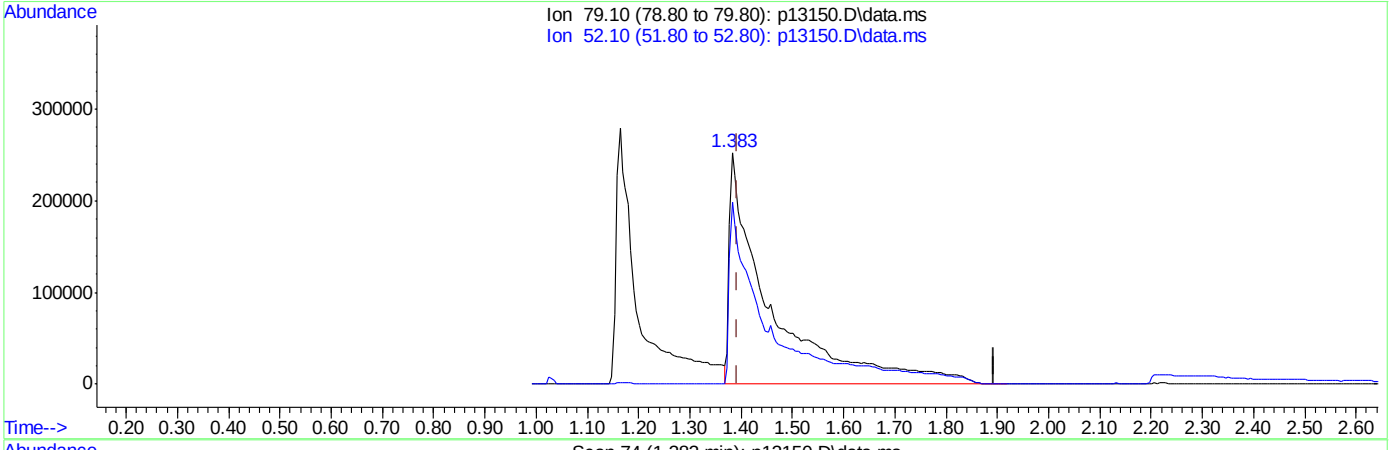
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	118.89#
0.00	0.00	0.00
0.00	0.00	0.00

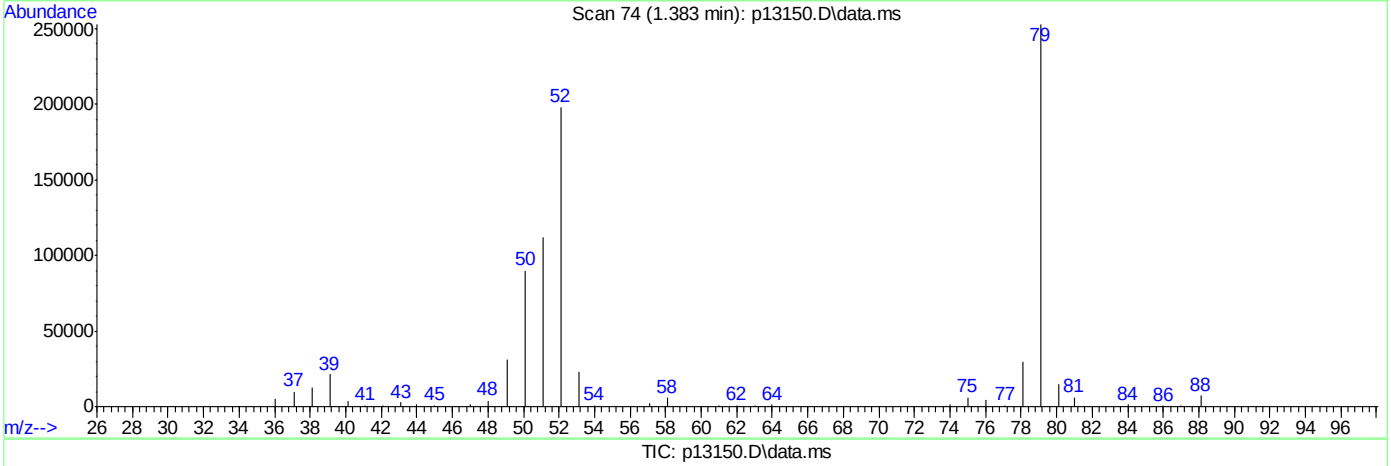
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(5) Pyridine ( )

1.383min (-0.010) 137.67ppm m

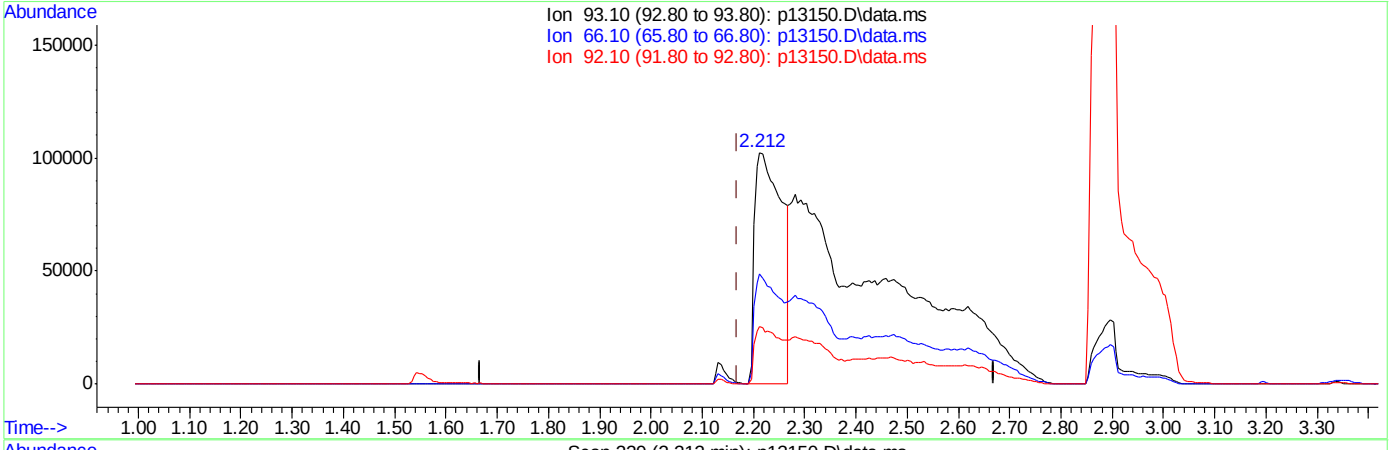
response 1391449

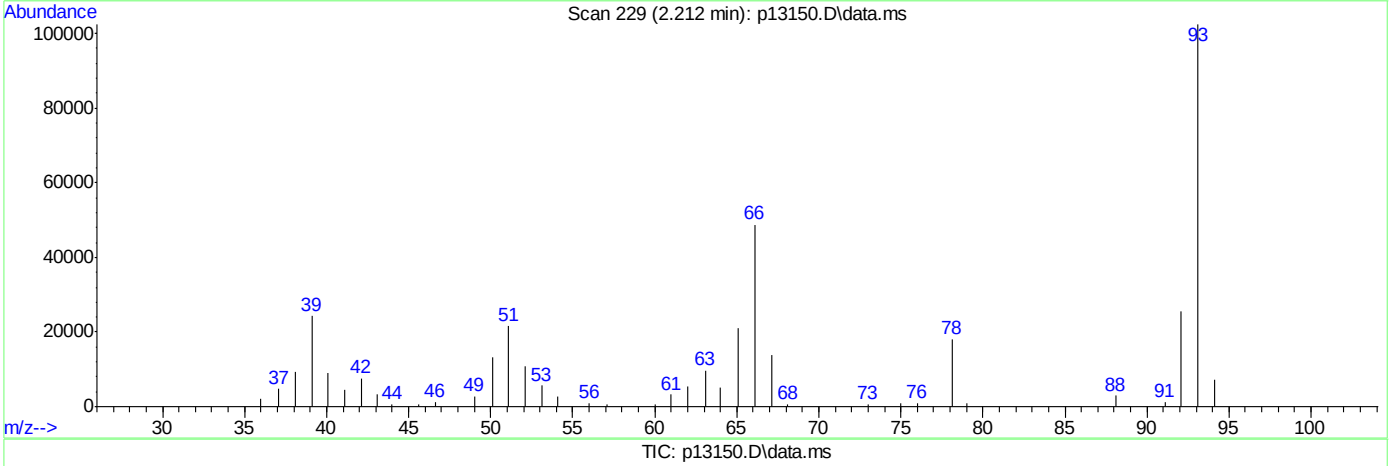
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	68.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(6) 2-Picoline

2.212min (+0.043) 34.97ppm

response 371605

Ion	Exp%	Act%
93.10	100	100
66.10	20.30	43.46#
92.10	0.00	24.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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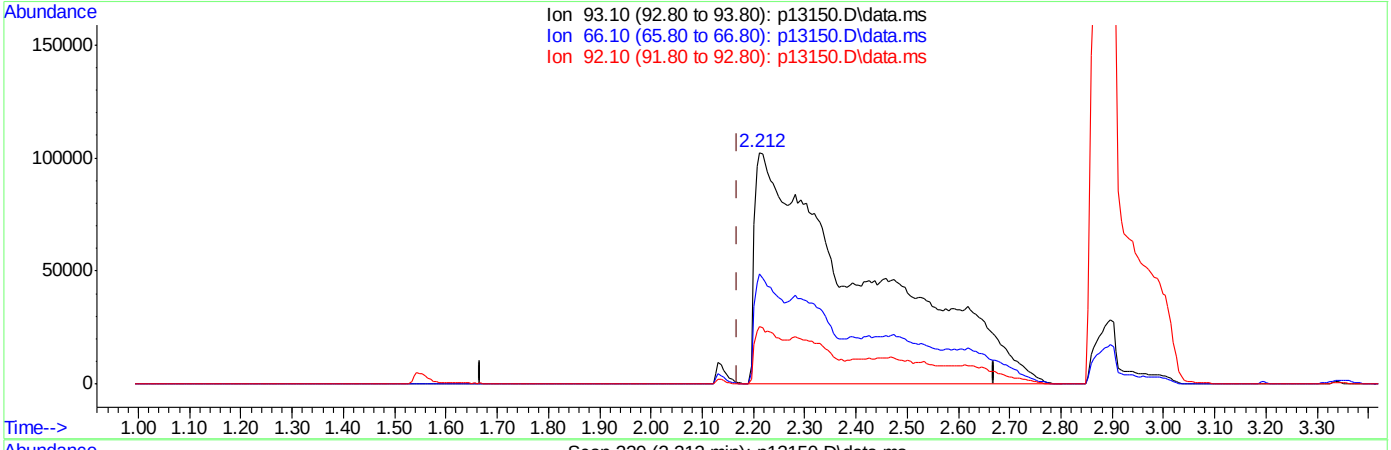

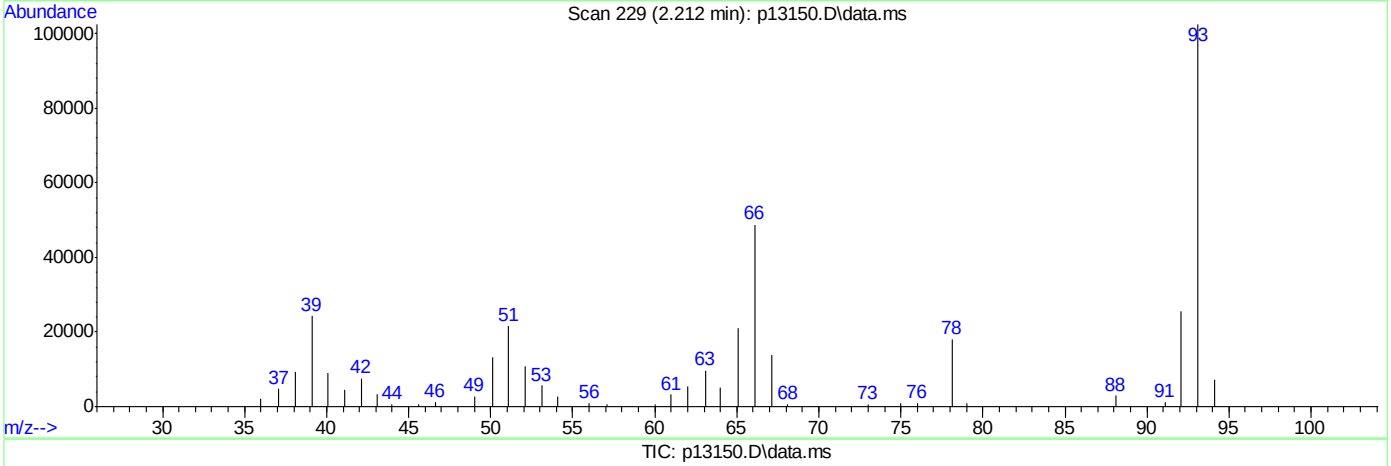

TIC: p13150.D\data.ms

(6) 2-Picoline

2.212min (+0.043) 144.80ppm m

response 1538768

Ion	Exp%	Act%
93.10	100	100
66.10	20.30	10.49#
92.10	0.00	5.94#
0.00	0.00	0.00

8.6.16.6

8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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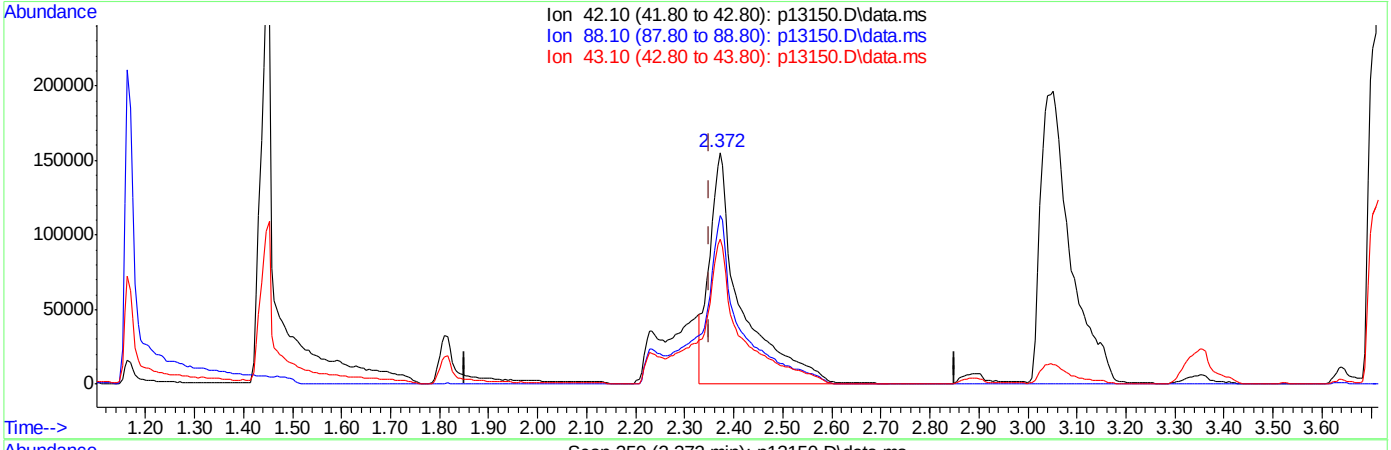

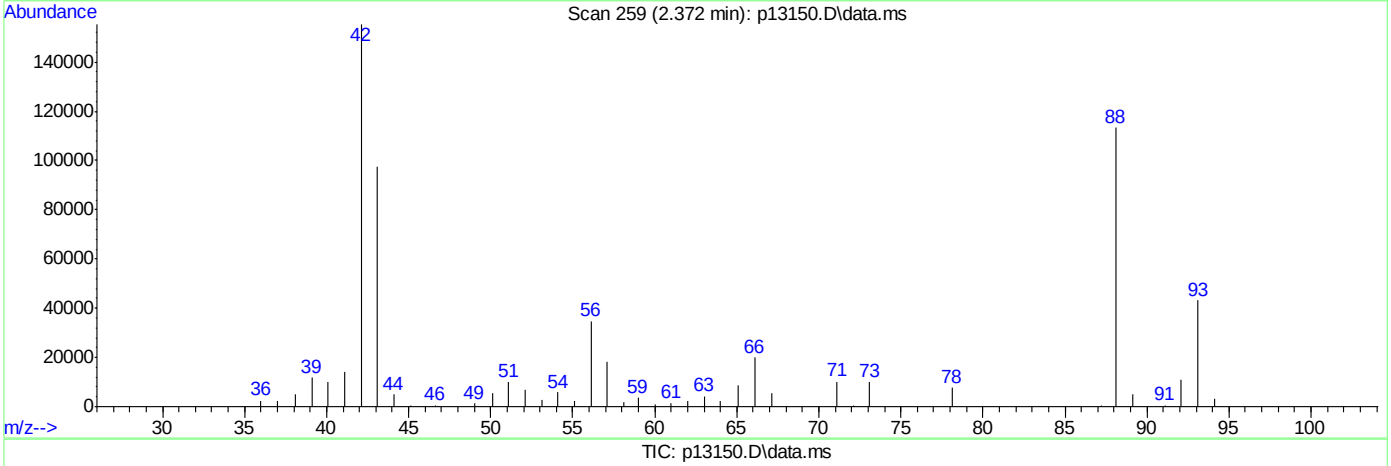

TIC: p13150.D\data.ms

(7) N-Nitrosomethylethylamine

2.372min (+0.021) 102.32ppm

response 694938

Ion	Exp%	Act%
42.10	100	100
88.10	51.10	70.10#
43.10	46.60	62.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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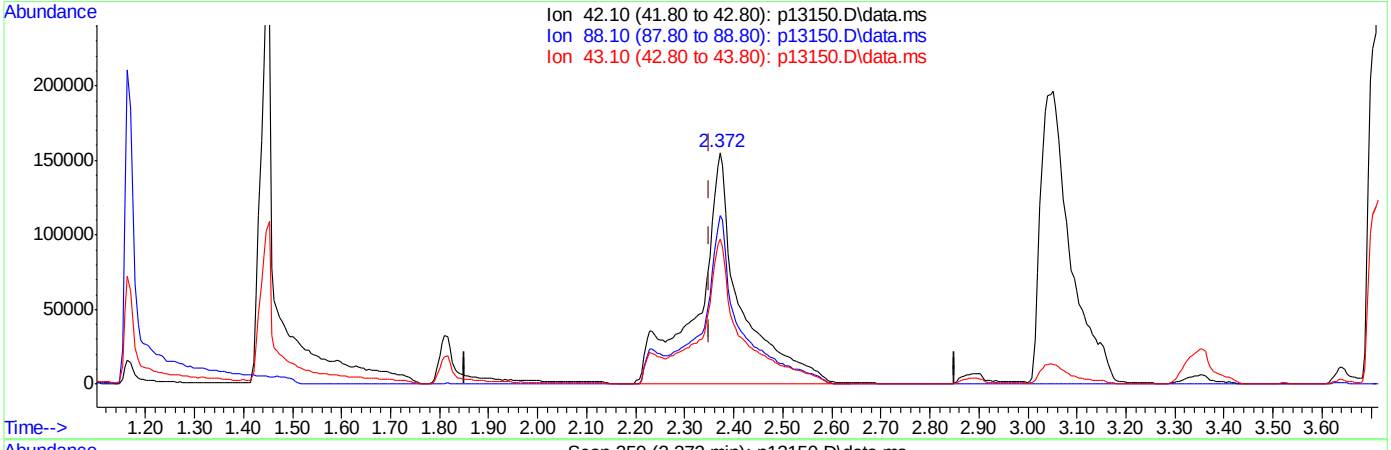
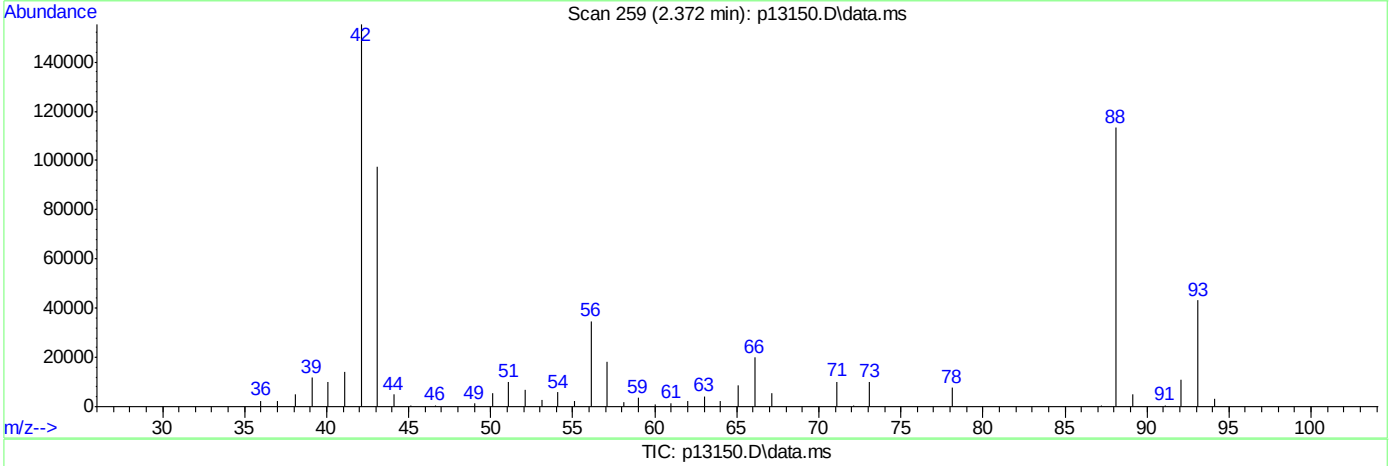




TIC: p13150.D\data.ms

(7) N-Nitrosomethylethylamine

2.372min (+0.021) 138.59ppm m

response 941253

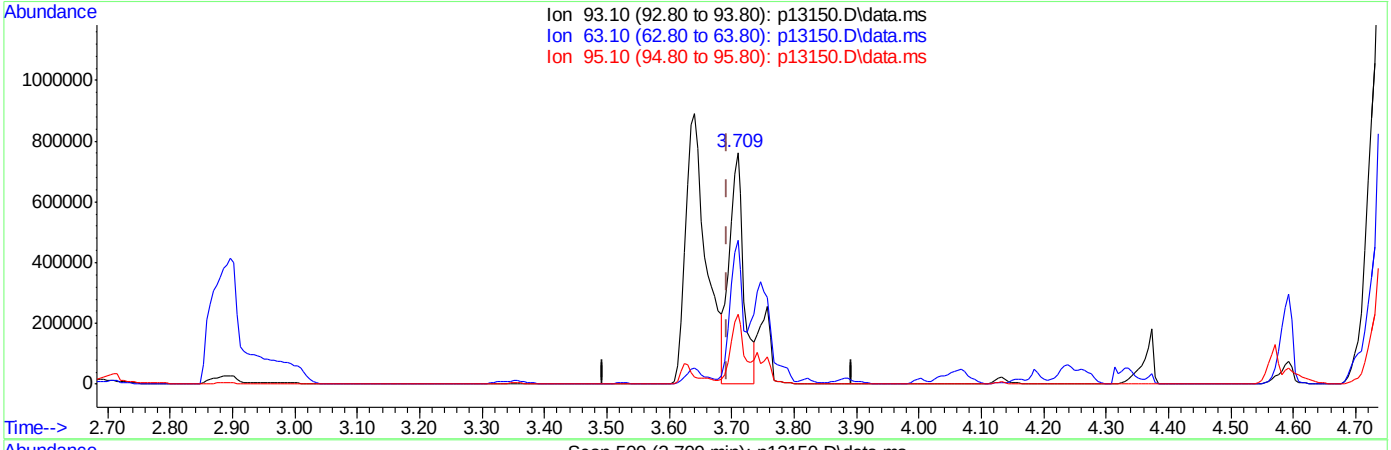
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	51.76
43.10	46.60	46.02
0.00	0.00	0.00

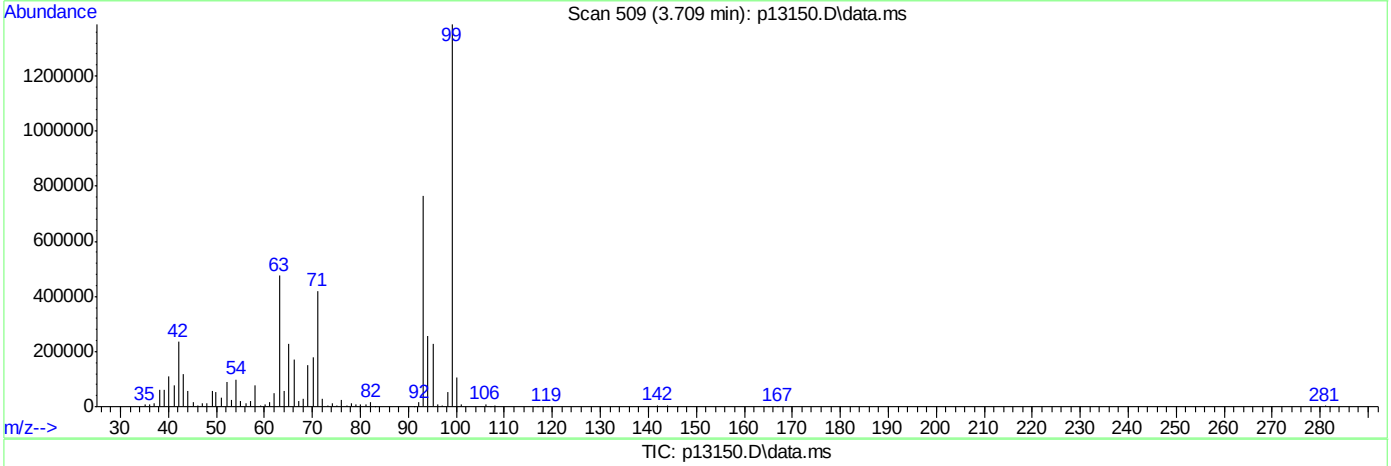
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.709min (+0.016) 107.70ppm

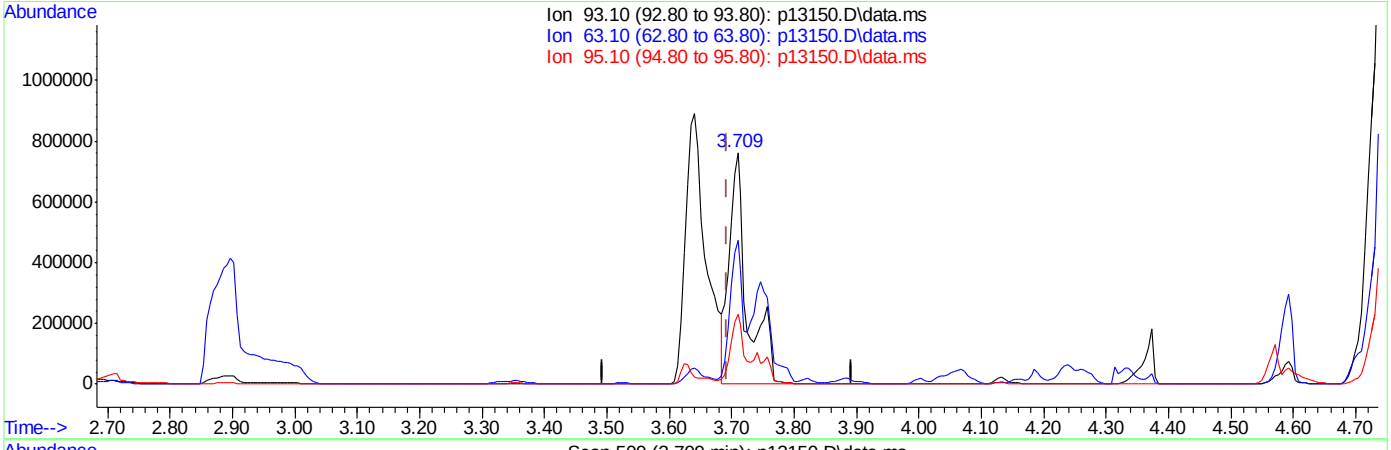
response 1275704

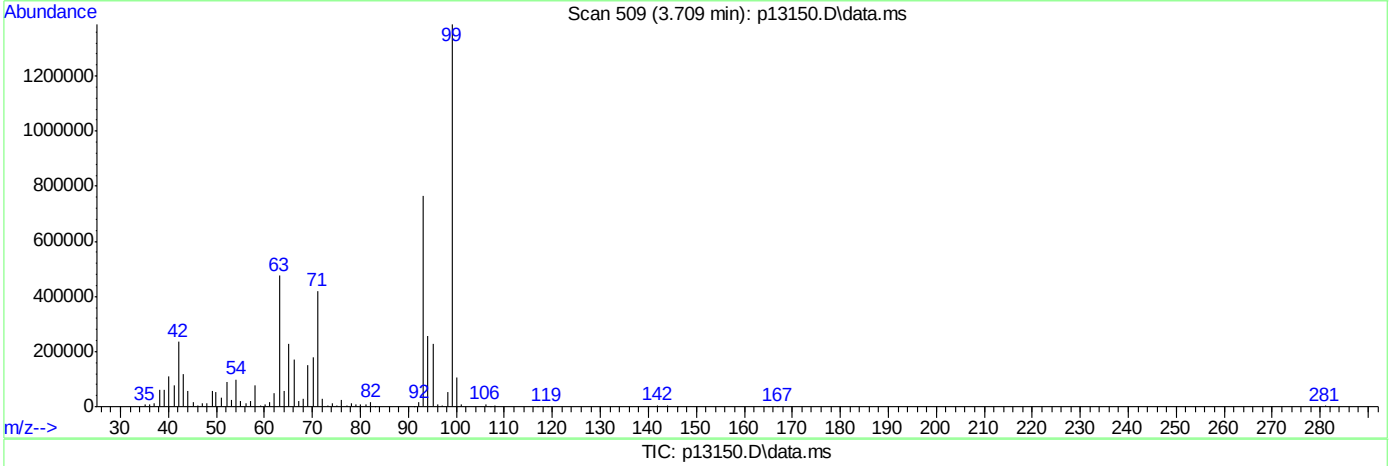
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	55.71
95.10	39.40	25.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.709min (+0.016) 135.52ppm m

response 1605322

Ion	Exp%	Act%
93.10	100	100
63.10	52.00	44.27
95.10	39.40	20.08
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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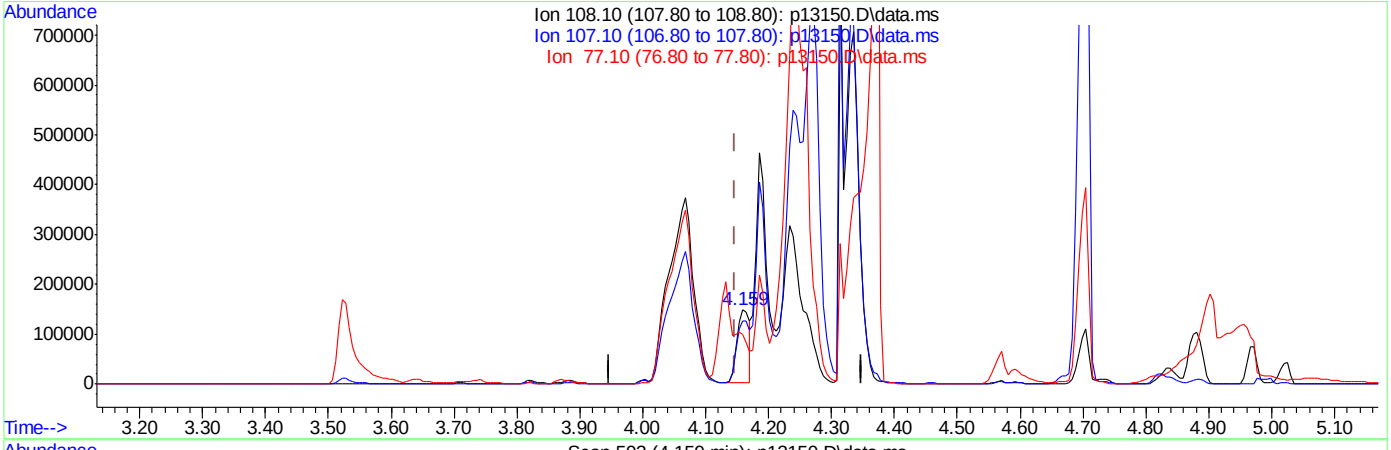
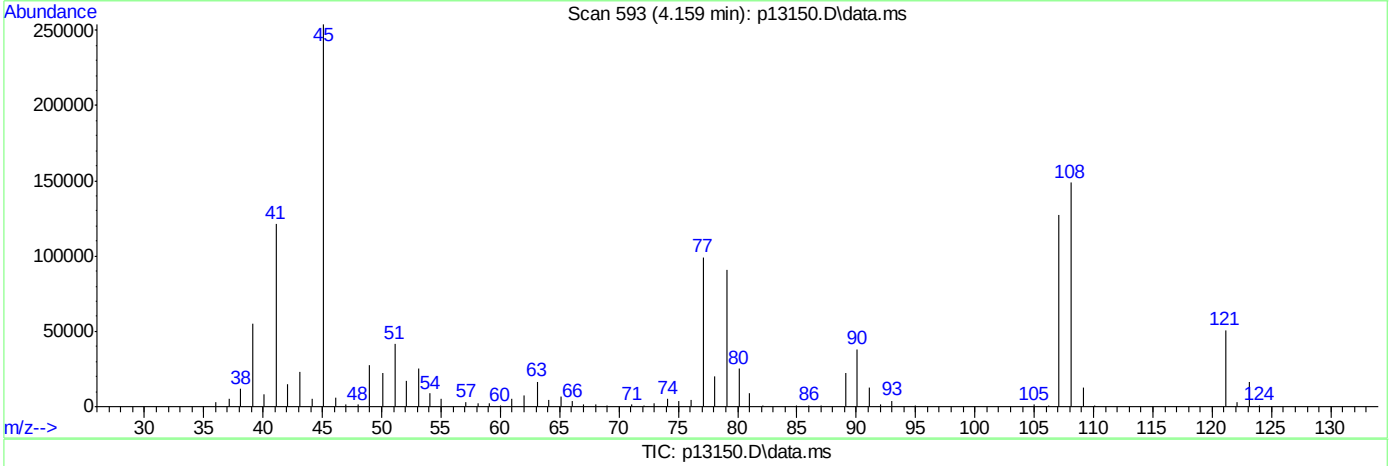




TIC: p13150.D\data.ms

(23) 2-Methylphenol ( )

4.159min (+0.011) 18.59ppm

response 199606

Ion	Exp%	Act%
108.10	100	100
107.10	36.20	89.26#
77.10	16.60	0.00
0.00	0.00	0.00

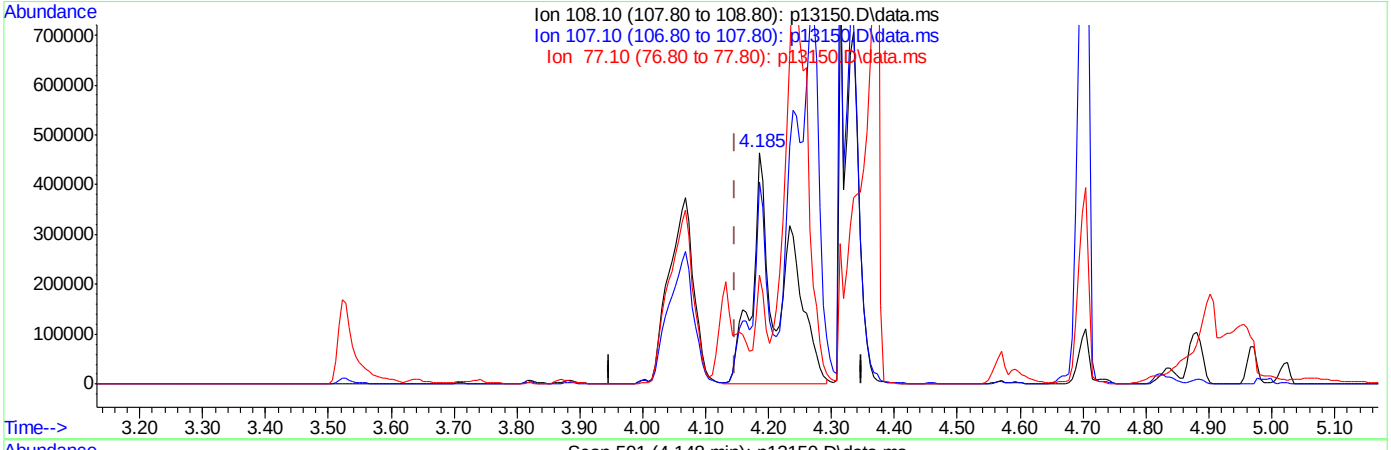
8.6.16.11

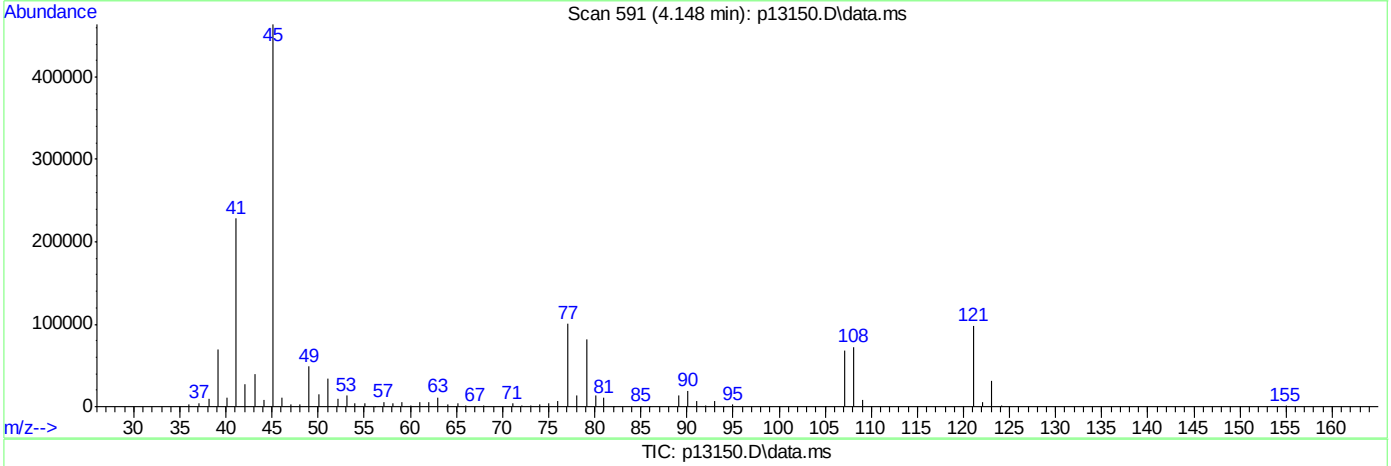
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(23) 2-Methylphenol ( )

4.185min (+0.037) 141.17ppm m

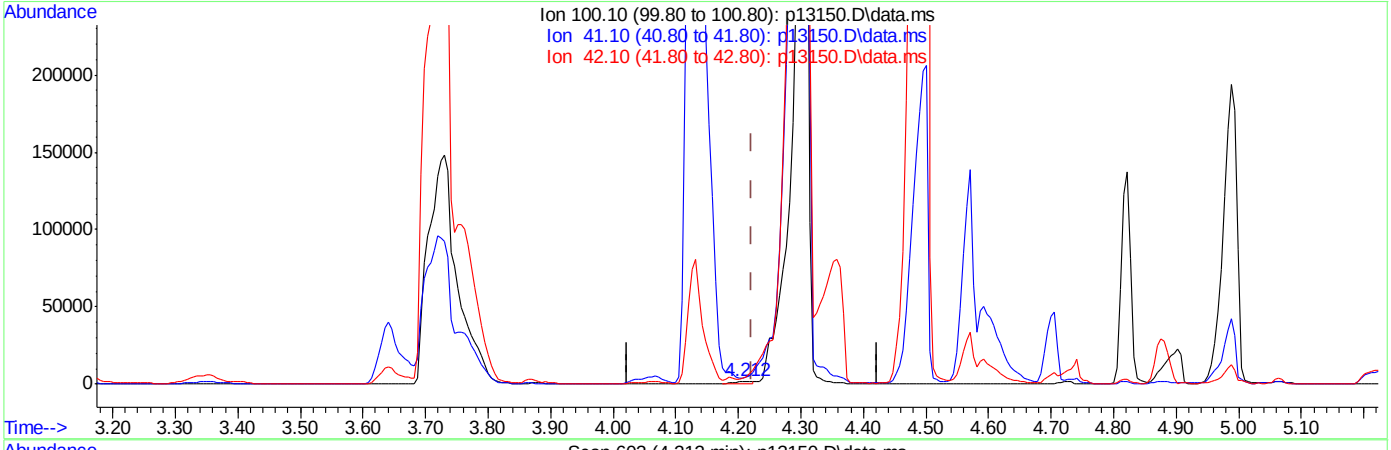
response 1515594

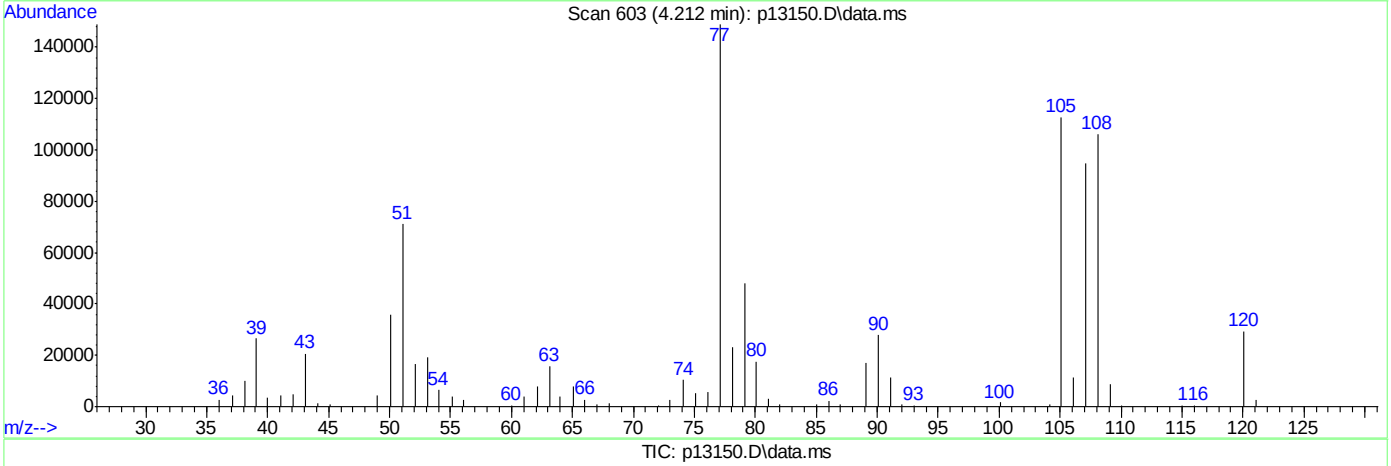
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	11.76
77.10	16.60	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(24) N-Nitrosopyrrolidine

4.212min (-0.011) 0.54ppm

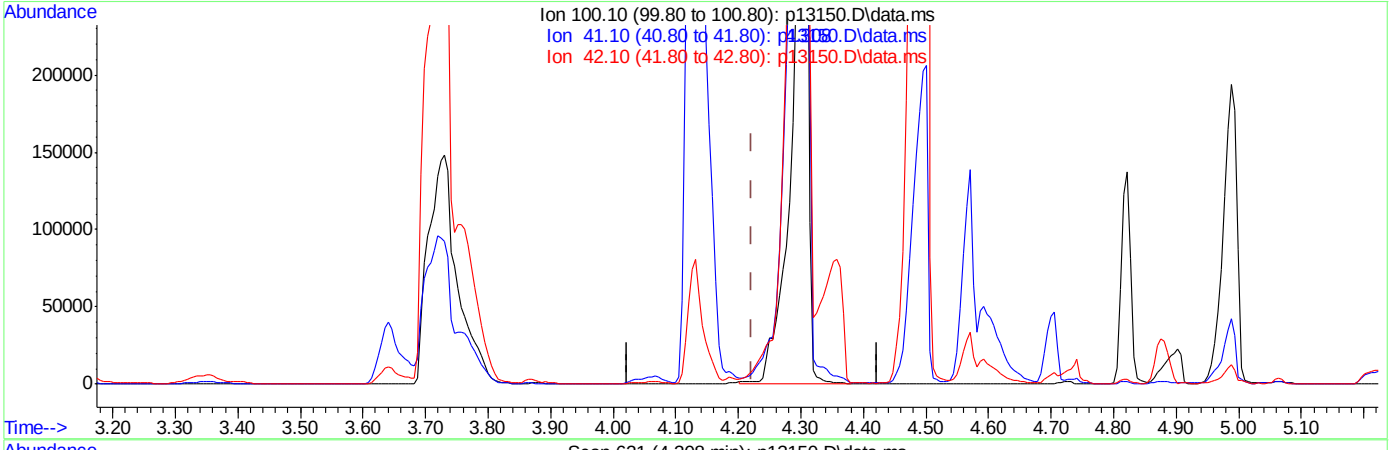
response 3413

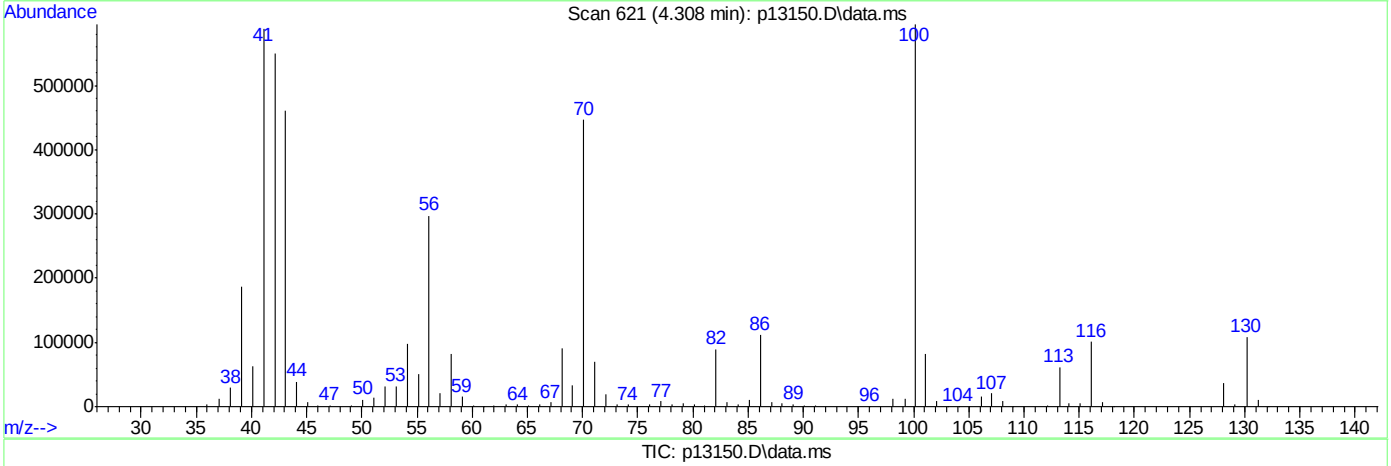
Ion	Exp%	Act%
100.10	100	100
41.10	102.40	0.00#
42.10	85.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(24) N-Nitrosopyrrolidine

4.308min (+0.085) 124.09ppm m

response 787880

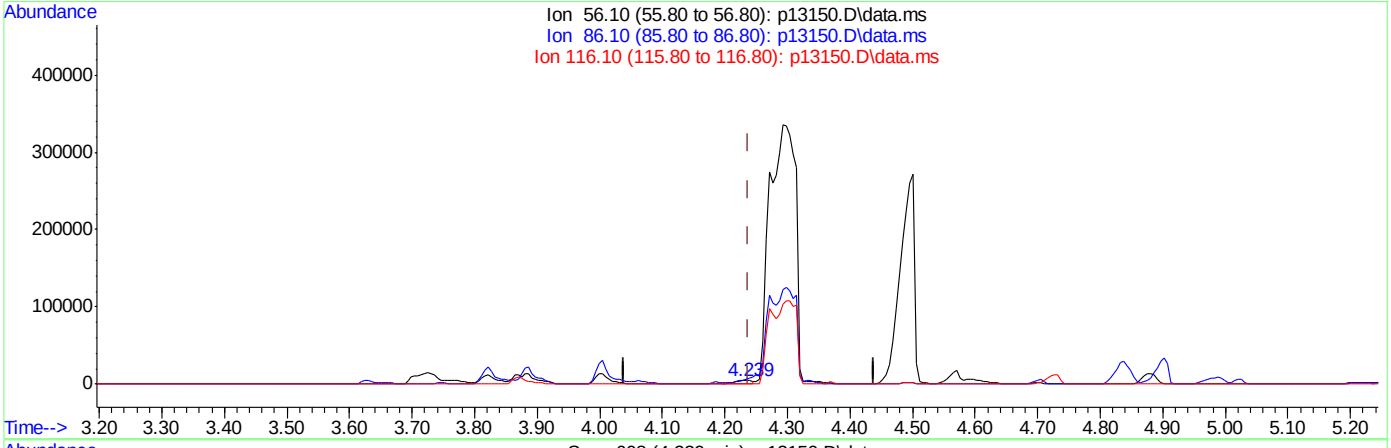
Ion	Exp%	Act%
100.10	100	100
41.10	102.40	0.00#
42.10	85.50	0.00#
0.00	0.00	0.00

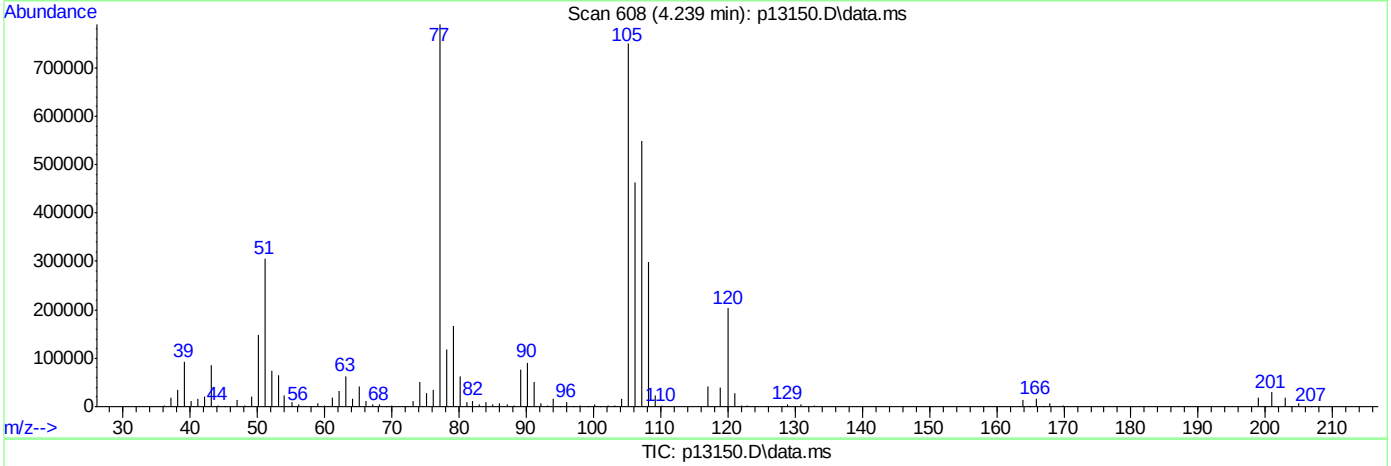
8.6.16.14 8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(25) N-Nitrosomorpholine

4.239min (-0.000) 0.86ppm

response 7742

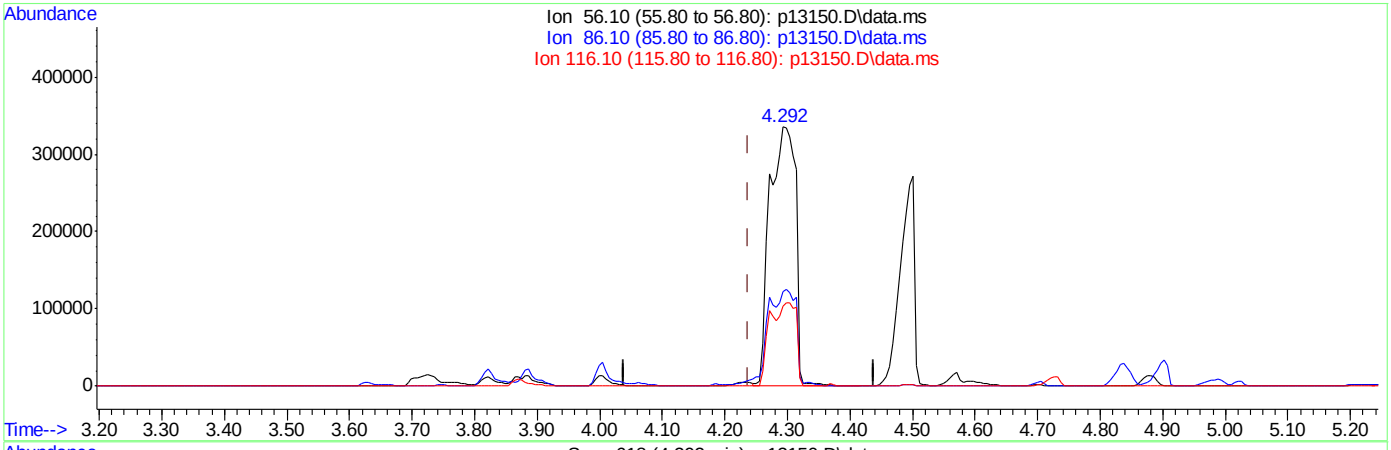
Ion	Exp%	Act%
56.10	100	100
86.10	37.00	0.00#
116.10	29.10	20.15#
0.00	0.00	0.00

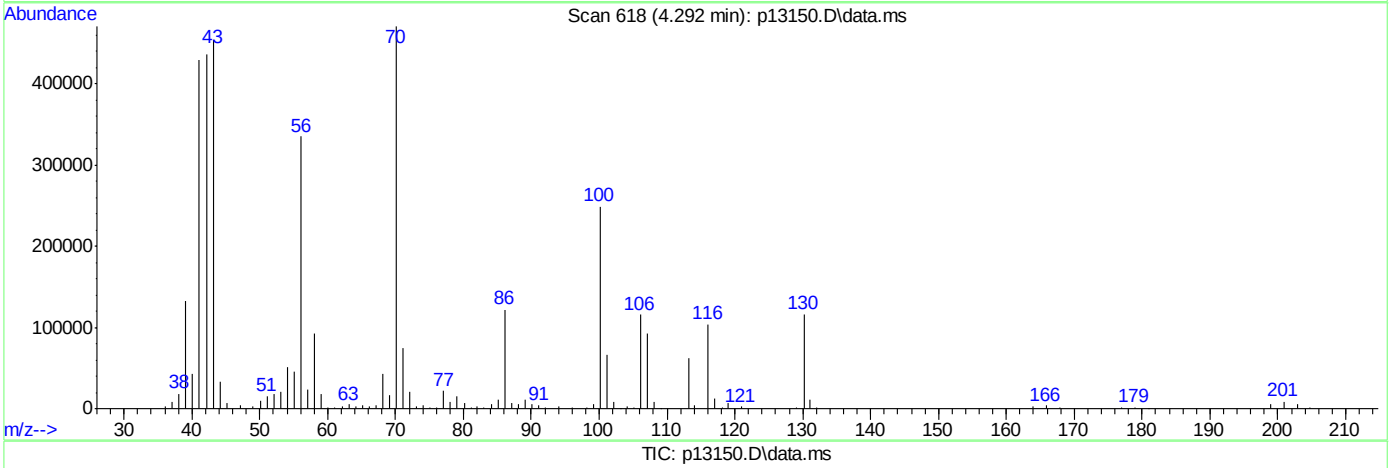
8.6.16.15 8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(25) N-Nitrosomorpholine

4.292min (+0.053) 105.93ppm m

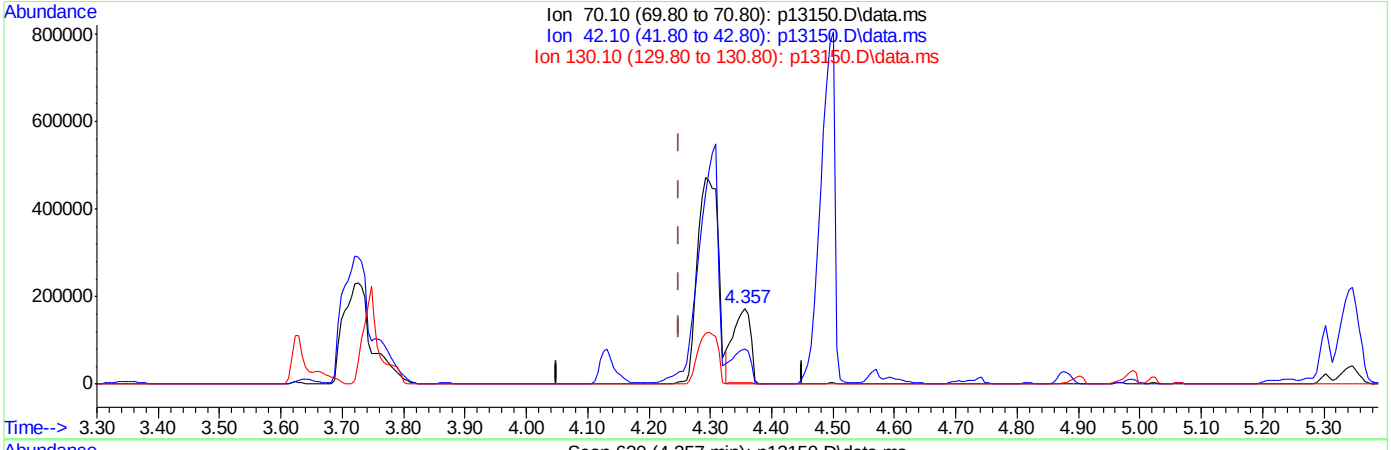
response 954318

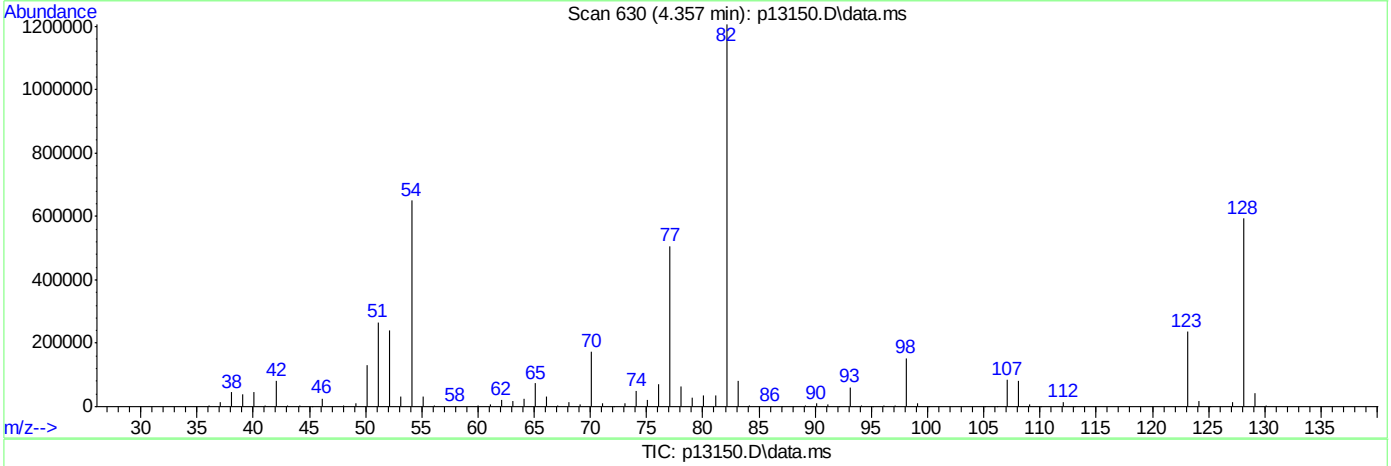
Ion	Exp%	Act%
56.10	100	100
86.10	37.00	0.00#
116.10	29.10	0.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





(29) N-Nitroso-di-n-propylamine (P)

4.357min (+0.107) 39.45ppm

response 345828

Ion	Exp%	Act%
70.10	100	100
42.10	62.30	48.91
130.10	23.60	2.43
0.00	0.00	0.00

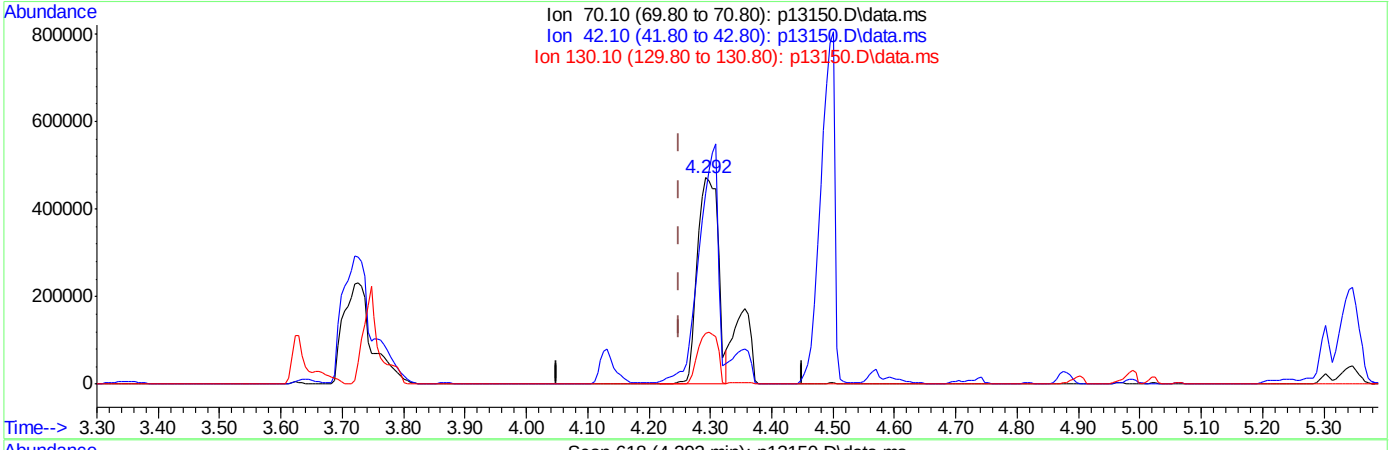
8.6.16.17

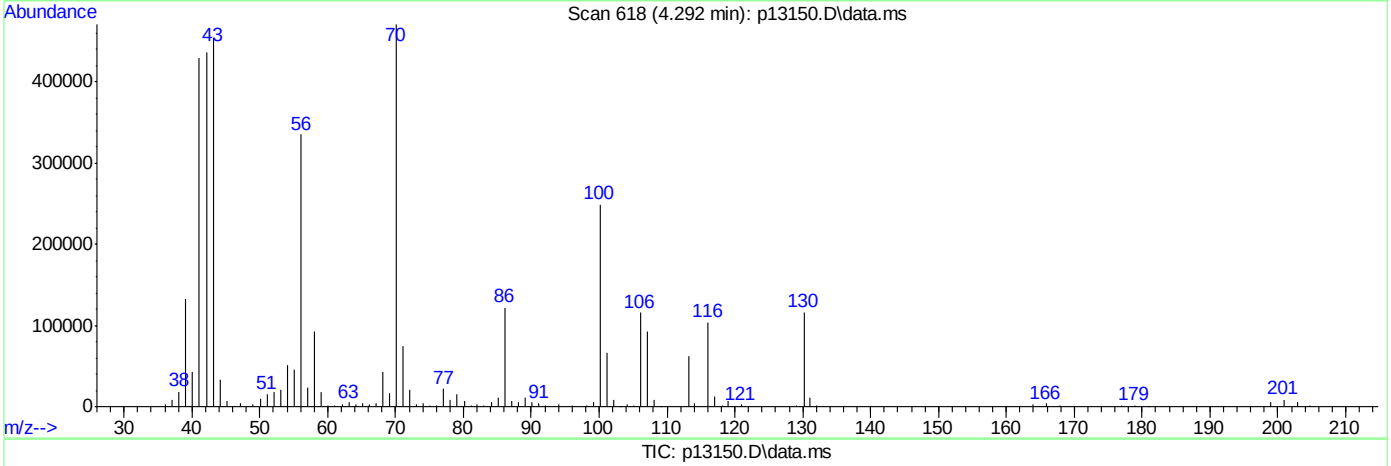
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(29) N-Nitroso-di-n-propylamine (P)

4.292min (+0.042) 125.10ppm m

response 1096786

Ion	Exp%	Act%
70.10	100	100
42.10	62.30	15.42#
130.10	23.60	0.77
0.00	0.00	0.00

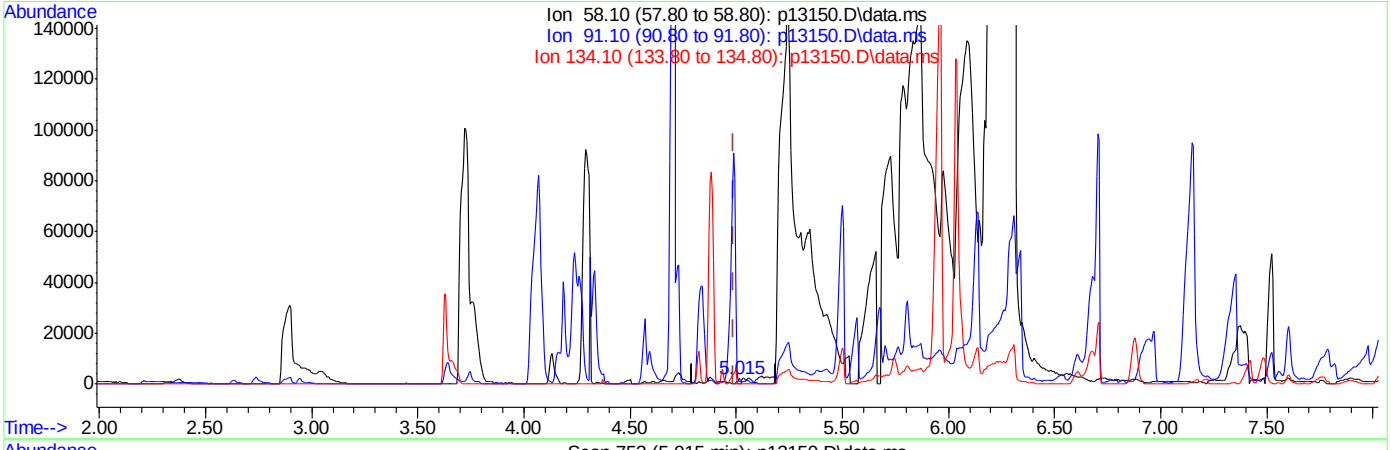
8.6.16.18

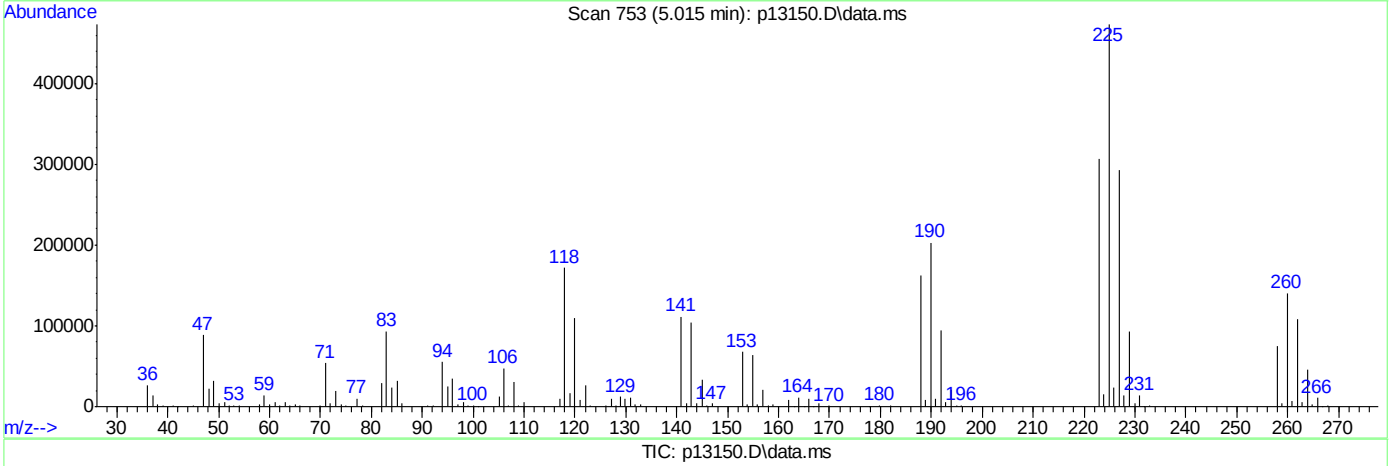
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(35) A,A-Dimethylphenethylamine

5.015min (+0.021) 0.05ppm

response 2444

Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

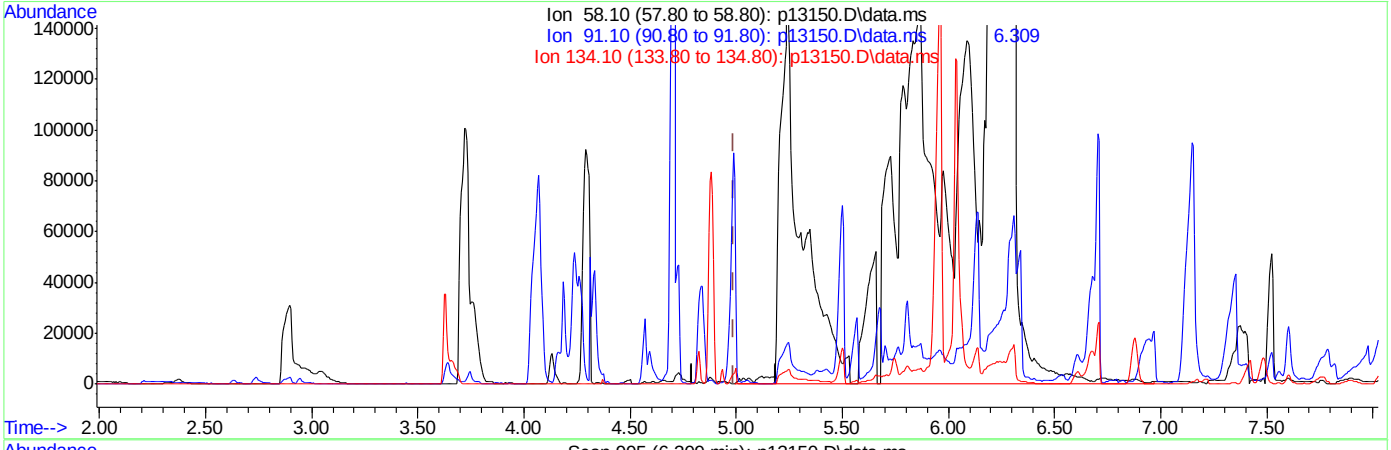
8.6.16.19

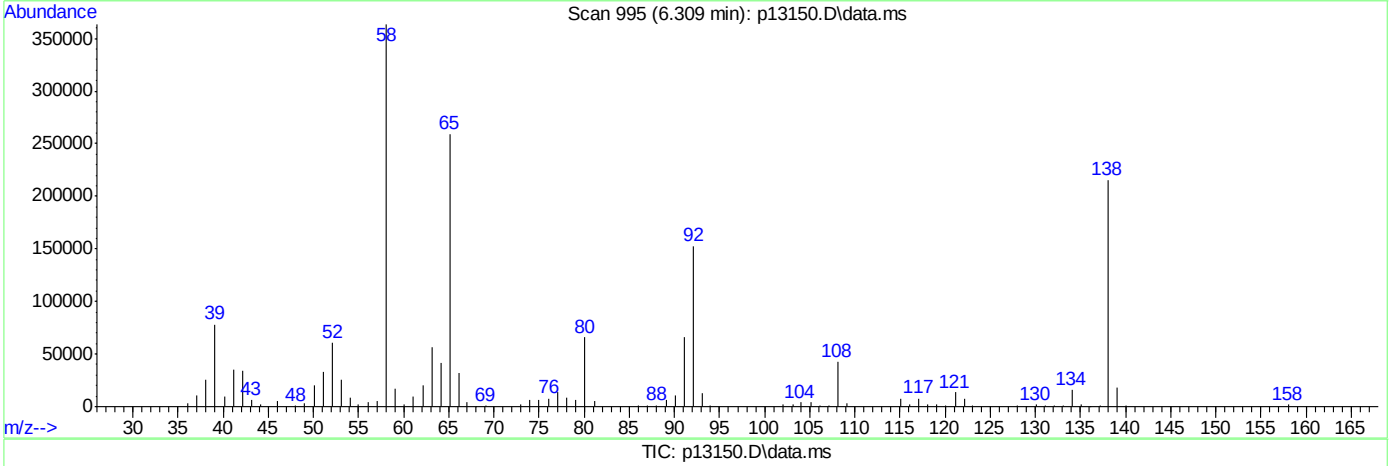
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





(35) A,A-Dimethylphenethylamine

6.309min (+1.316) 120.64ppm m

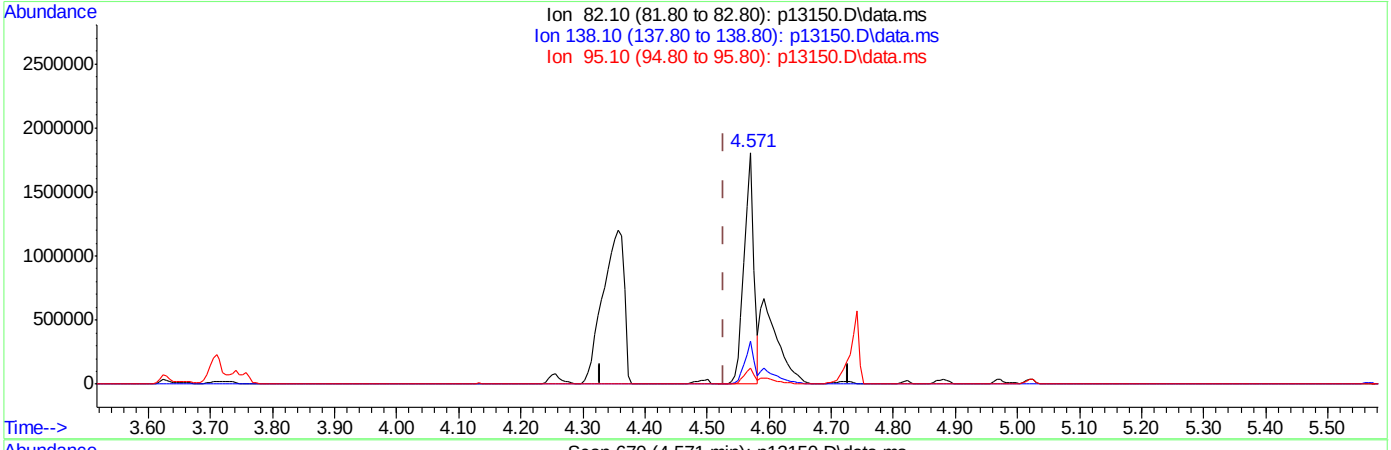
response 6016340

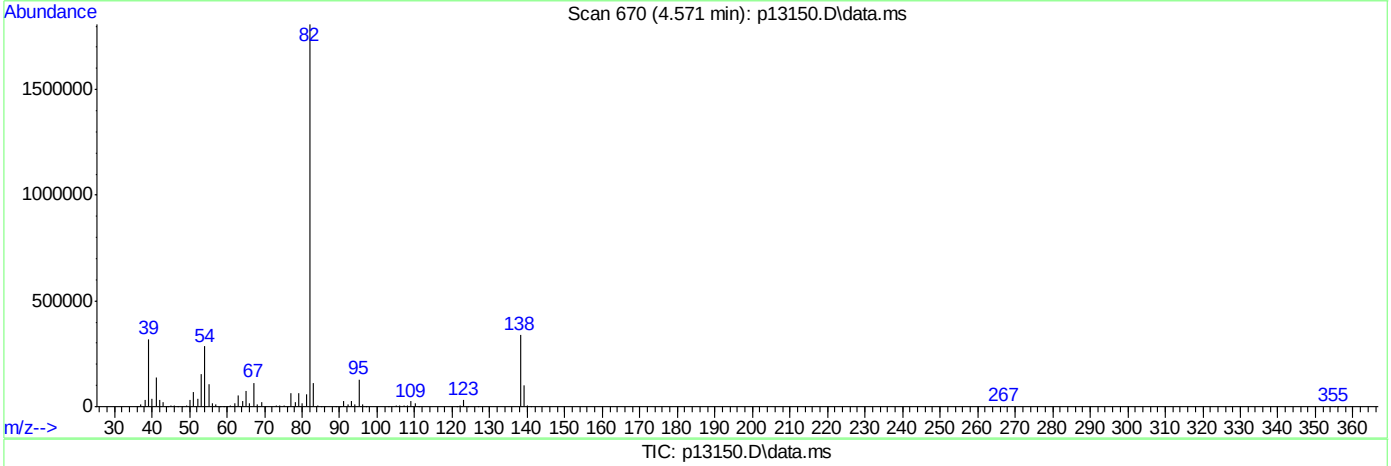
Ion	Exp%	Act%
58.10	100	100
91.10	0.00	0.00
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(36) Isophorone

4.571min (+0.043) 71.72ppm

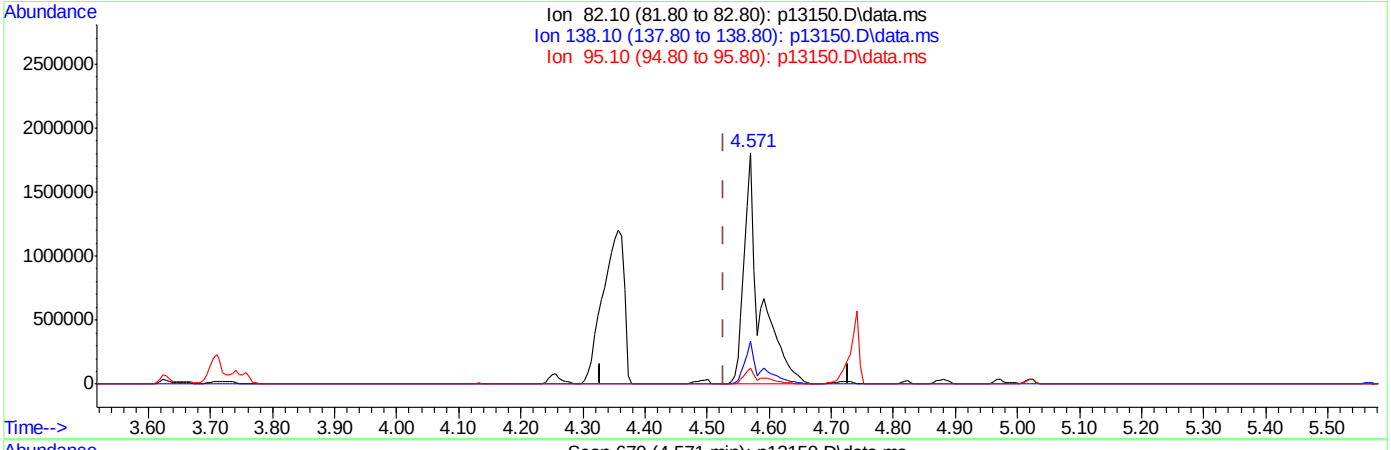
response 1990854

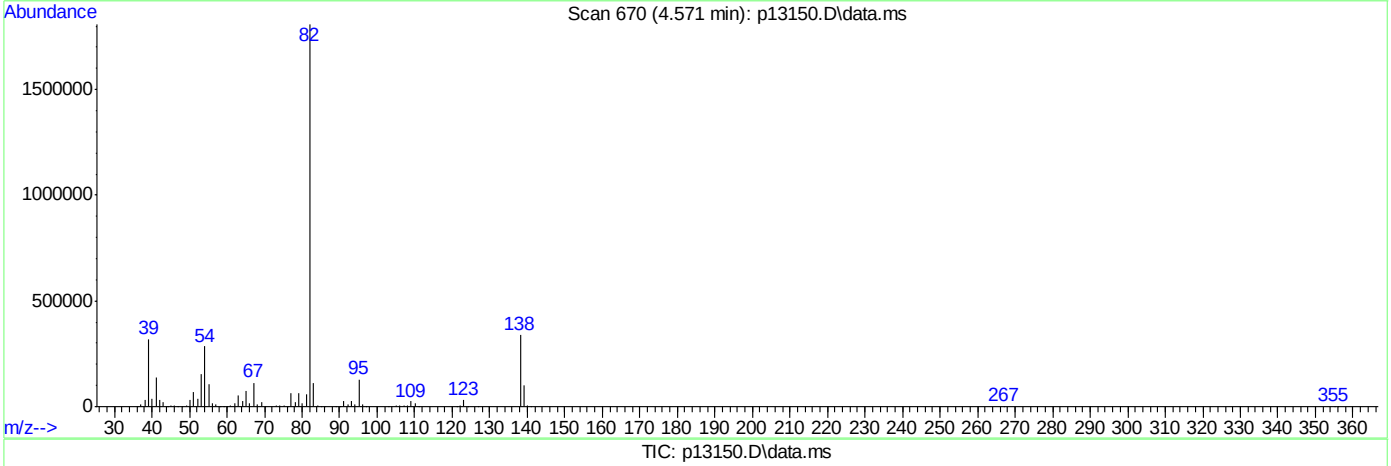
Ion	Exp%	Act%
82.10	100	100
138.10	16.90	19.38
95.10	7.20	7.22
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(36) Isophorone

4.571min (+0.043) 119.61ppm m

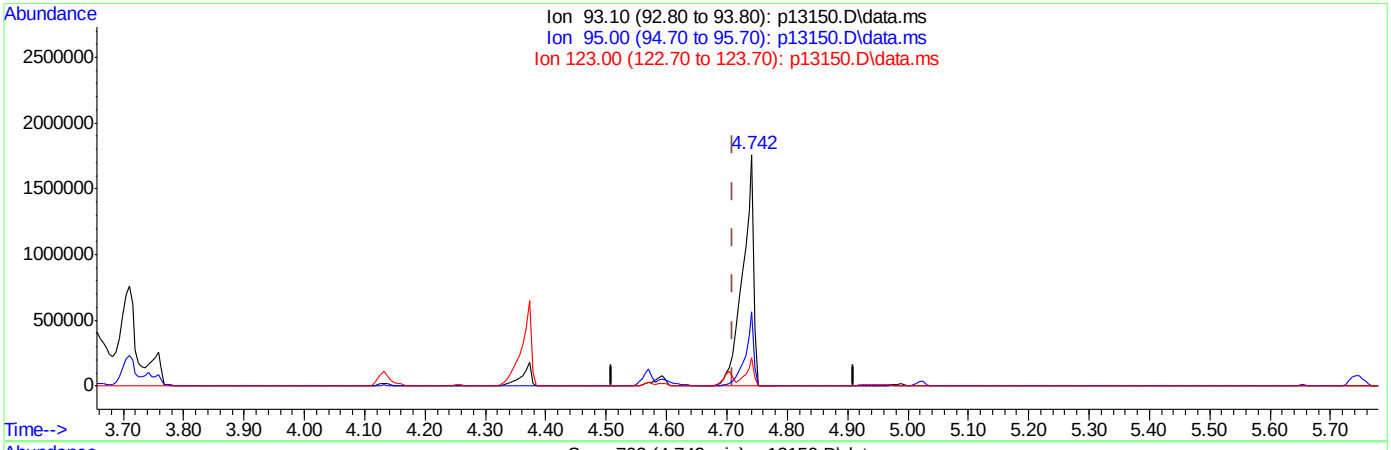
response 3320233

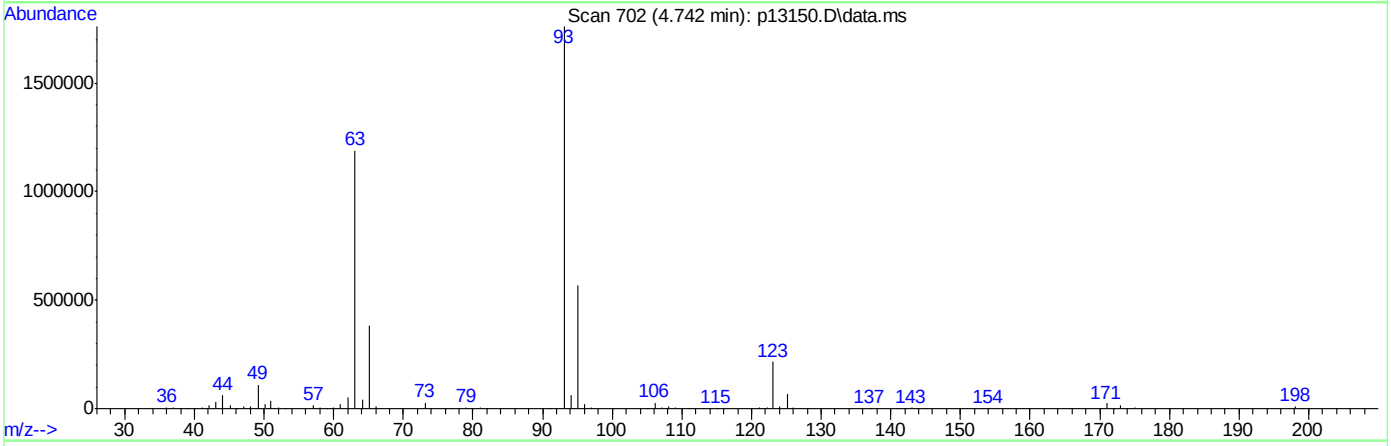
Ion	Exp%	Act%
82.10	100	100
138.10	16.90	11.62
95.10	7.20	4.33
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.742min (+0.032) 134.53ppm

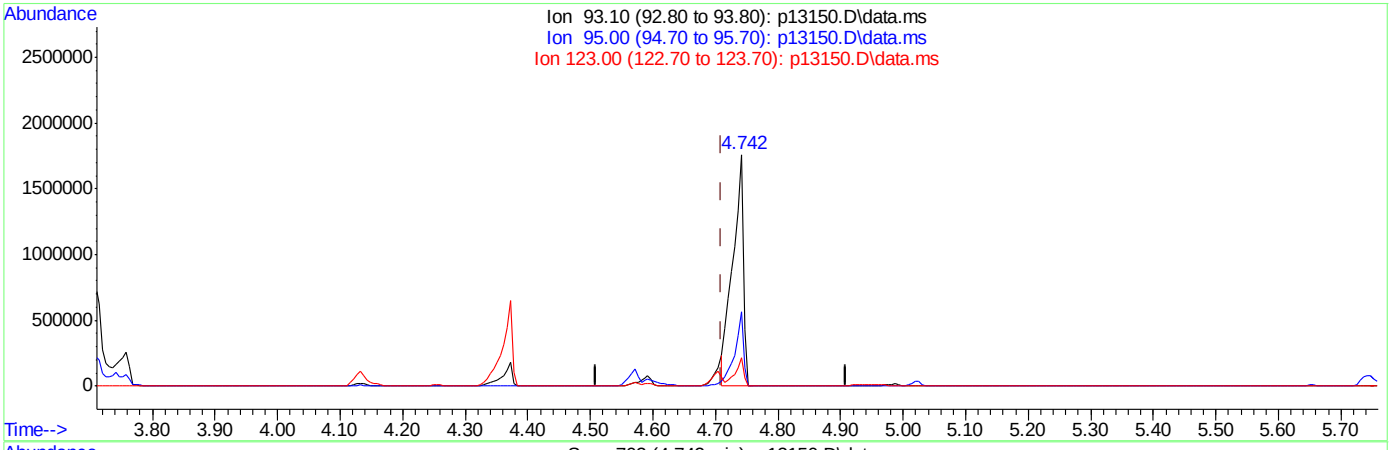
response 2291291

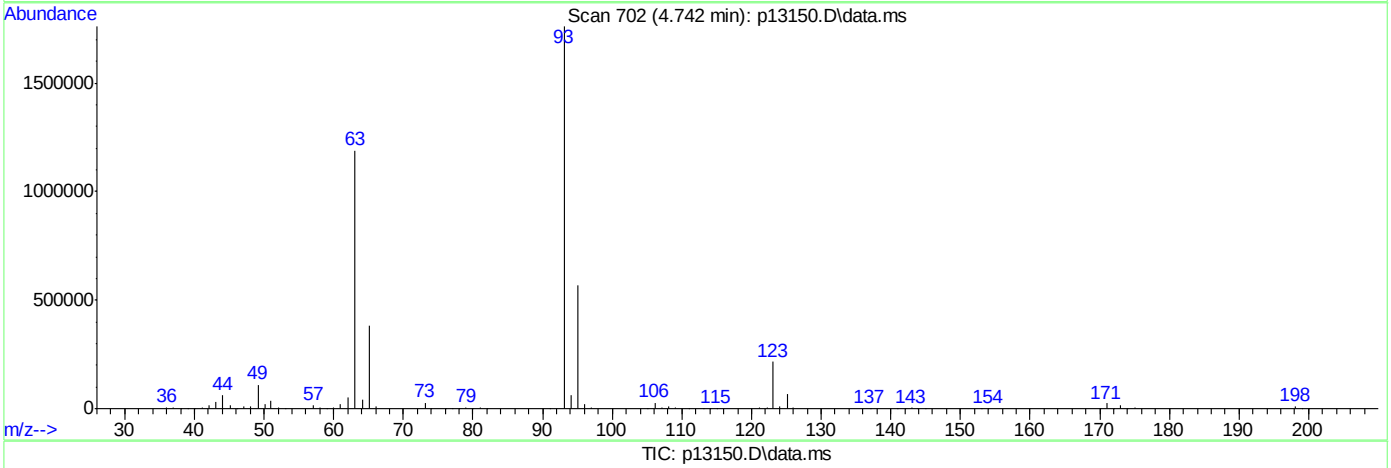
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.90
123.00	10.10	8.82
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.742min (+0.032) 124.00ppm m

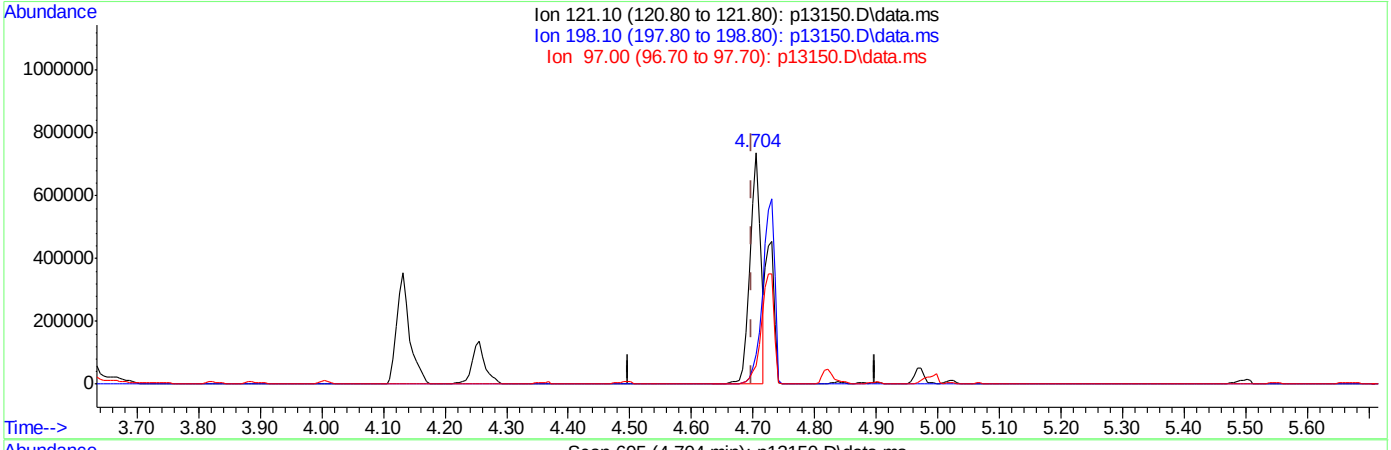
response 2111840

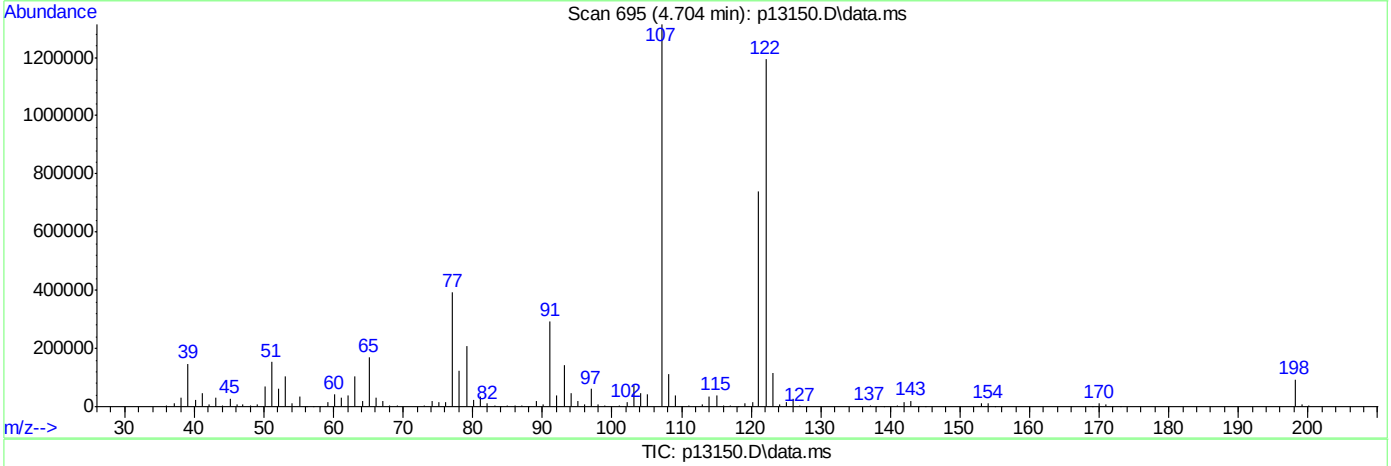
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	27.01
123.00	10.10	9.57
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(40) O,O,O-Triethyl phosphorothioat

4.704min (+0.005) 151.47ppm

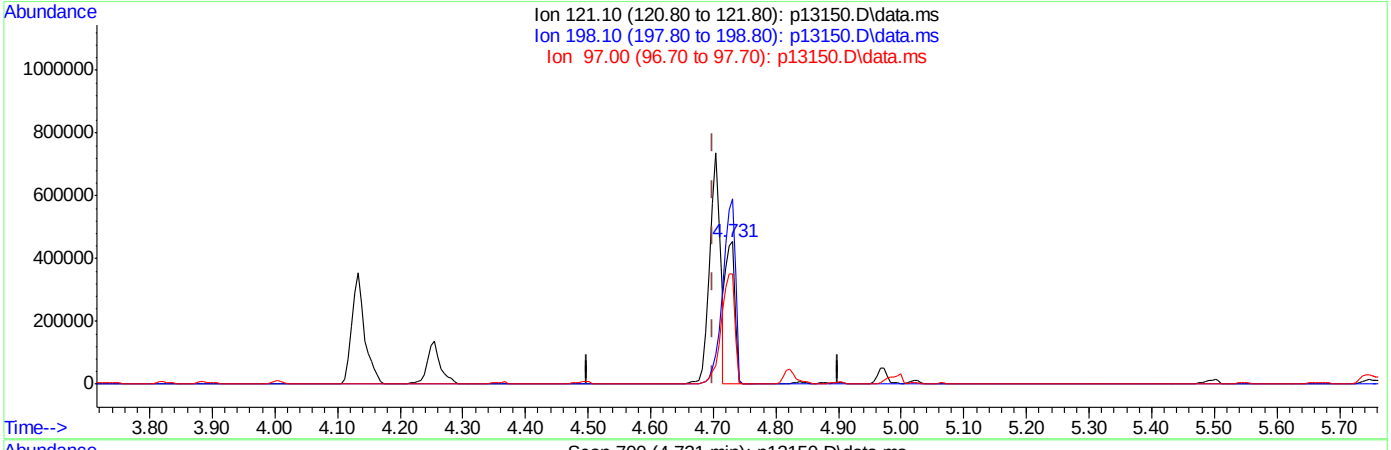
response 870550

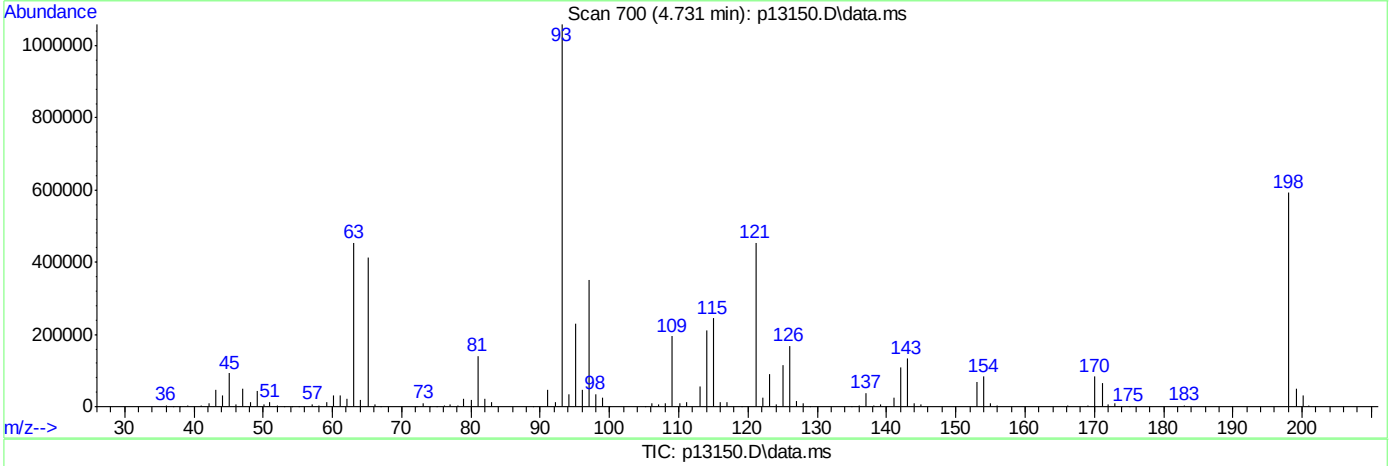
Ion	Exp%	Act%
121.10	100	100
198.10	113.80	0.00#
97.00	88.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(40) O,O,O-Triethyl phosphorothioat

4.731min (+0.032) 81.76ppm m

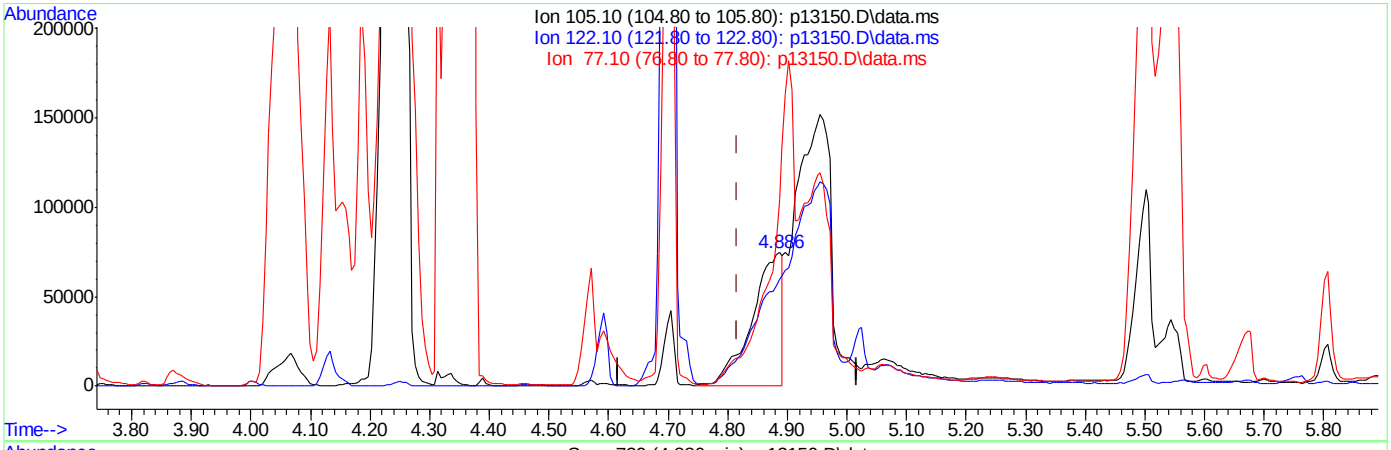
response 469922

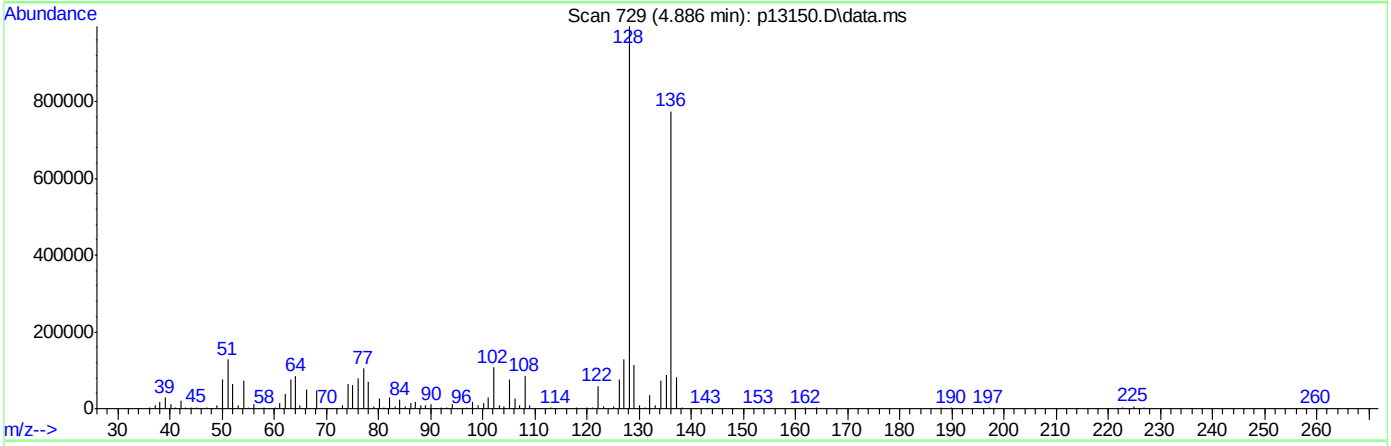
Ion	Exp%	Act%
121.10	100	100
198.10	113.80	0.00#
97.00	88.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(41) Benzoic Acid

4.886min (+0.069) 79.80ppm

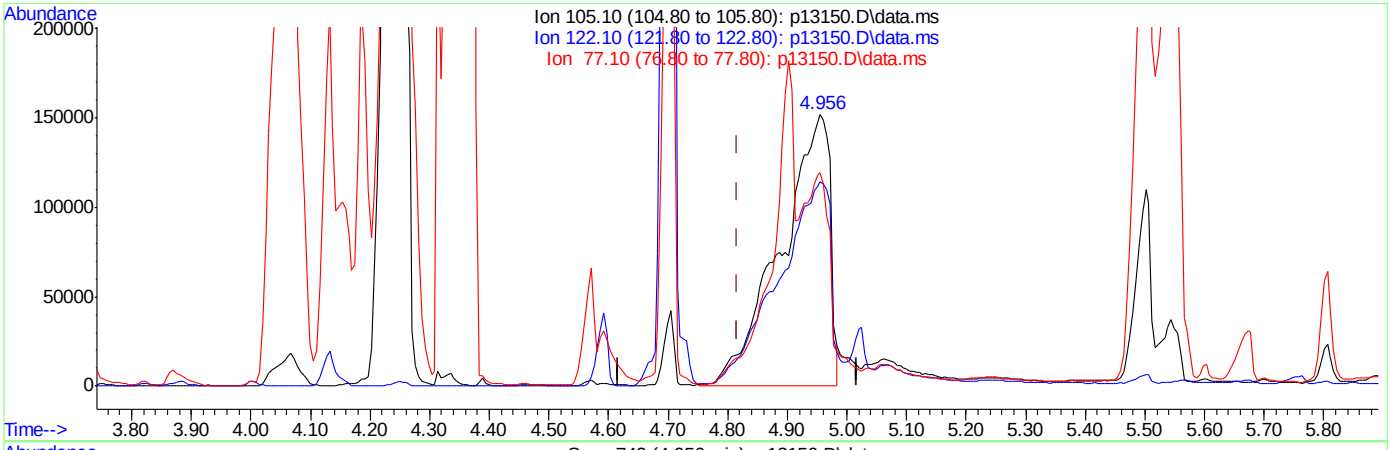
response 260372

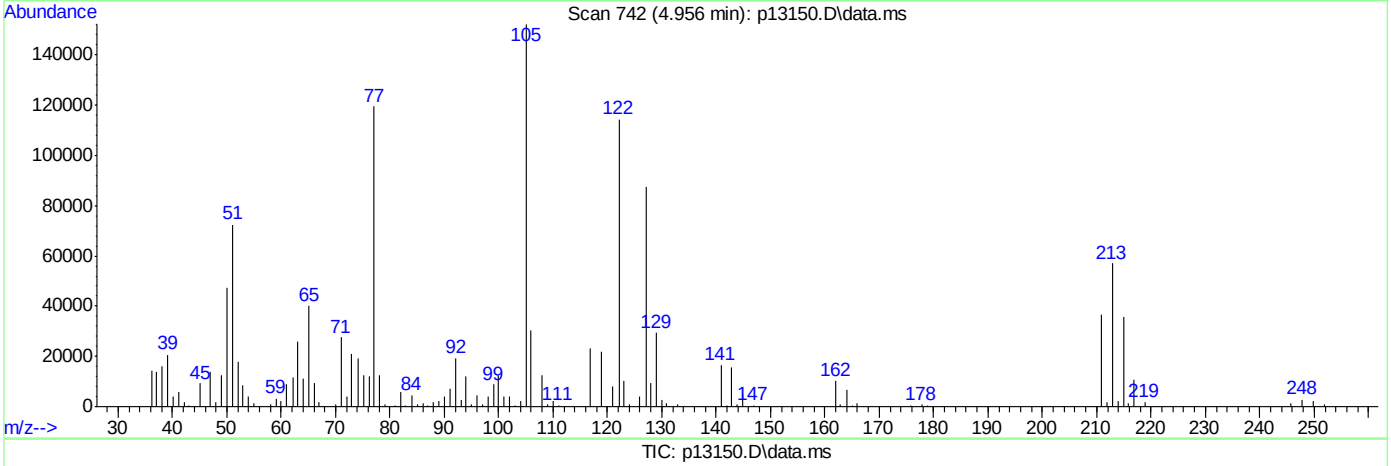
Ion	Exp%	Act%
105.10	100	100
122.10	69.70	0.00#
77.10	68.10	183.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(41) Benzoic Acid

4.956min (+0.139) 266.50ppm m

response 869567

Ion	Exp%	Act%
105.10	100	100
122.10	69.70	0.00#
77.10	68.10	54.90
0.00	0.00	0.00

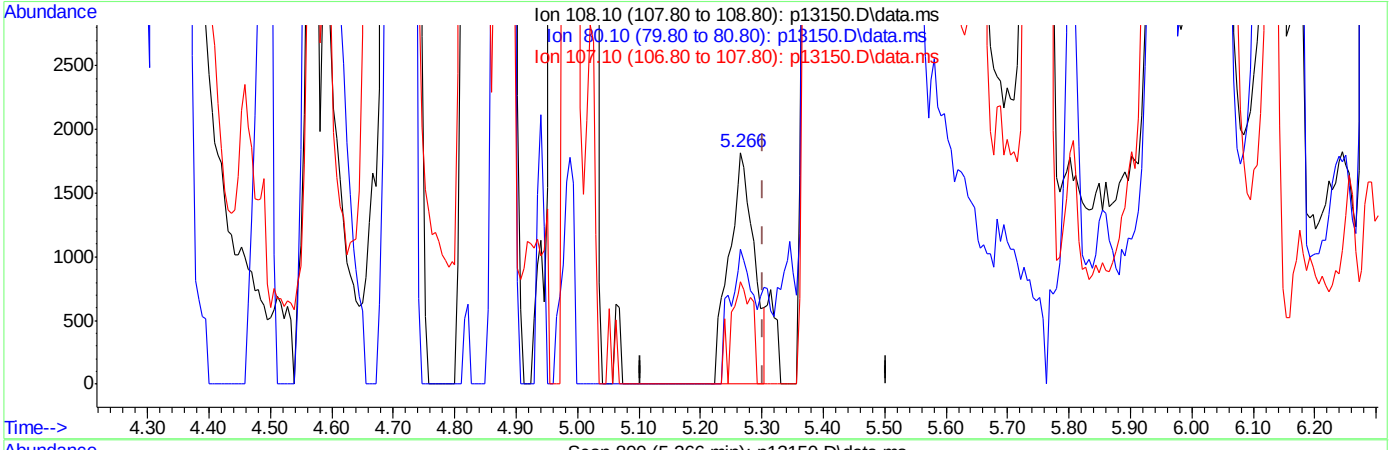
8.6.16.28

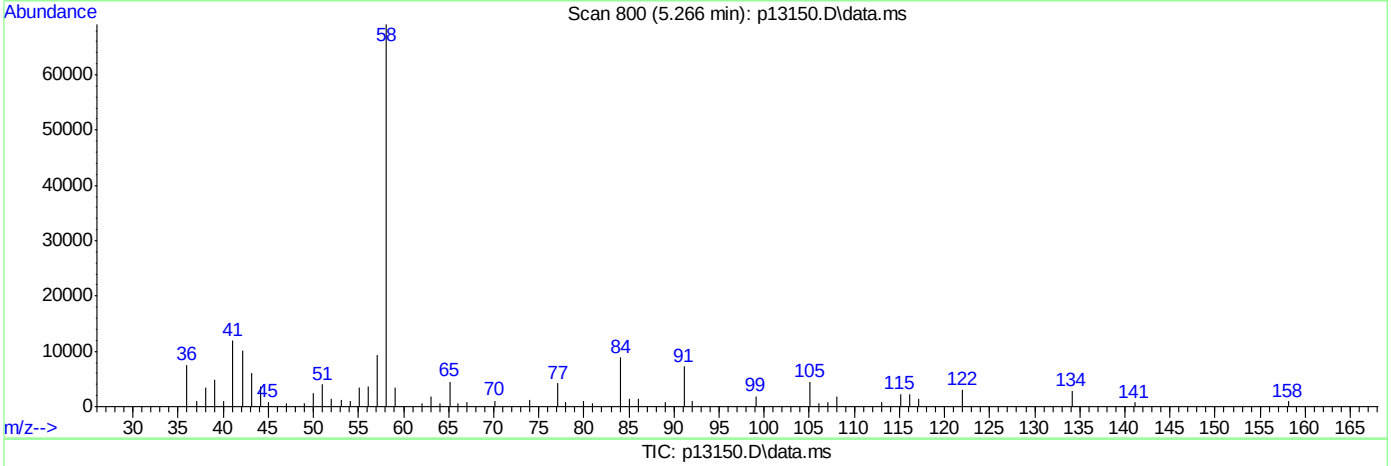
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(49) p-Phenylenediamine

5.266min (-0.037) 1.59ppm

response 5206

Ion	Exp%	Act%
108.10	100	100
80.10	0.00	52.63#
107.10	0.00	36.38#
0.00	0.00	0.00

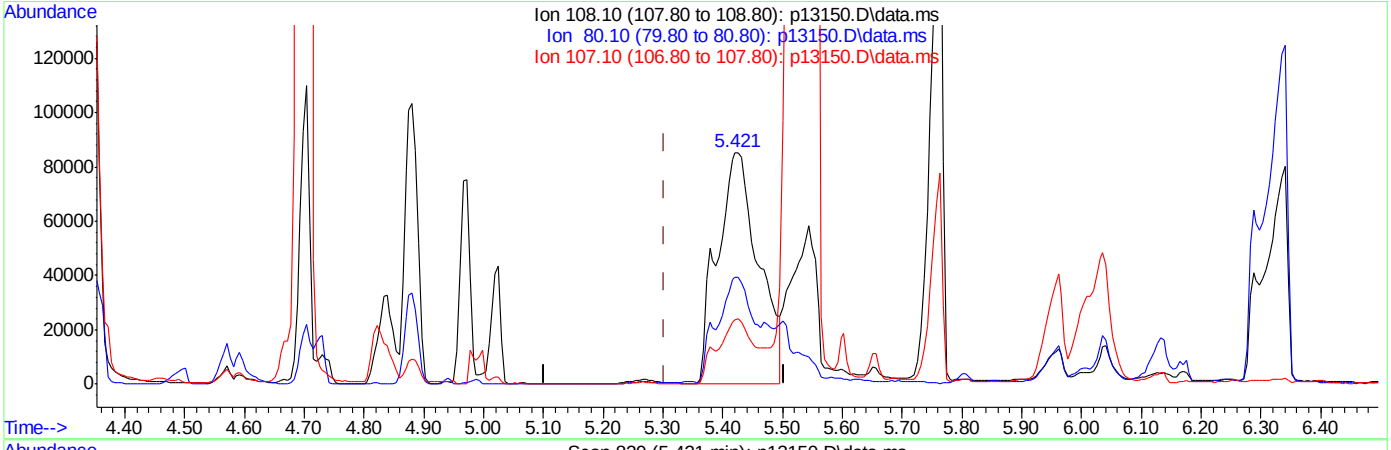
8.6.16.29

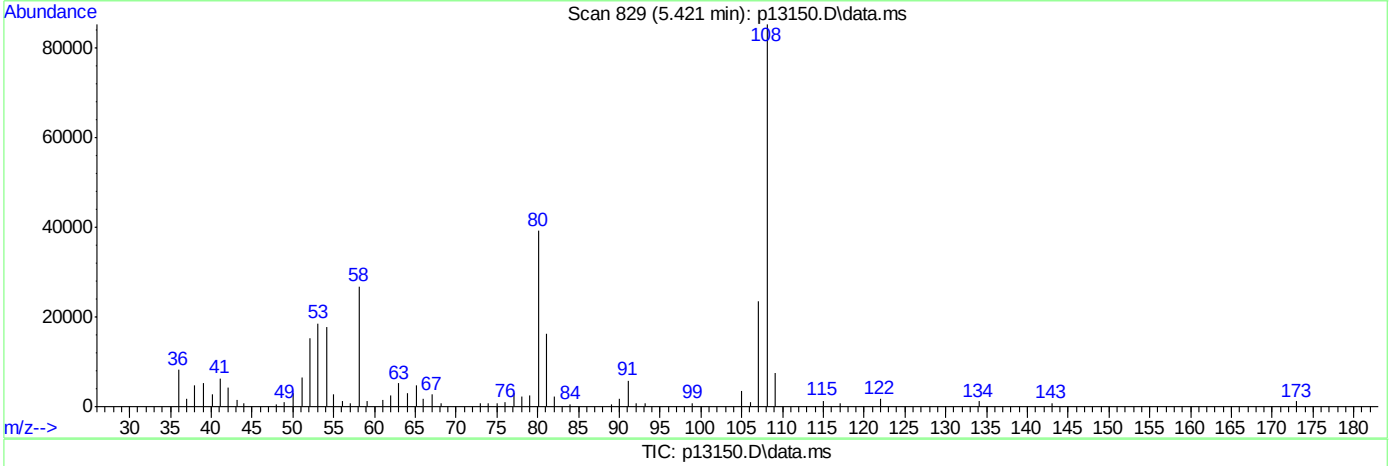
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(49) p-Phenylenediamine

5.421min (+0.118) 125.51ppm m

response 410548

Ion	Exp%	Act%
108.10	100	100
80.10	0.00	0.67#
107.10	0.00	0.46#
0.00	0.00	0.00

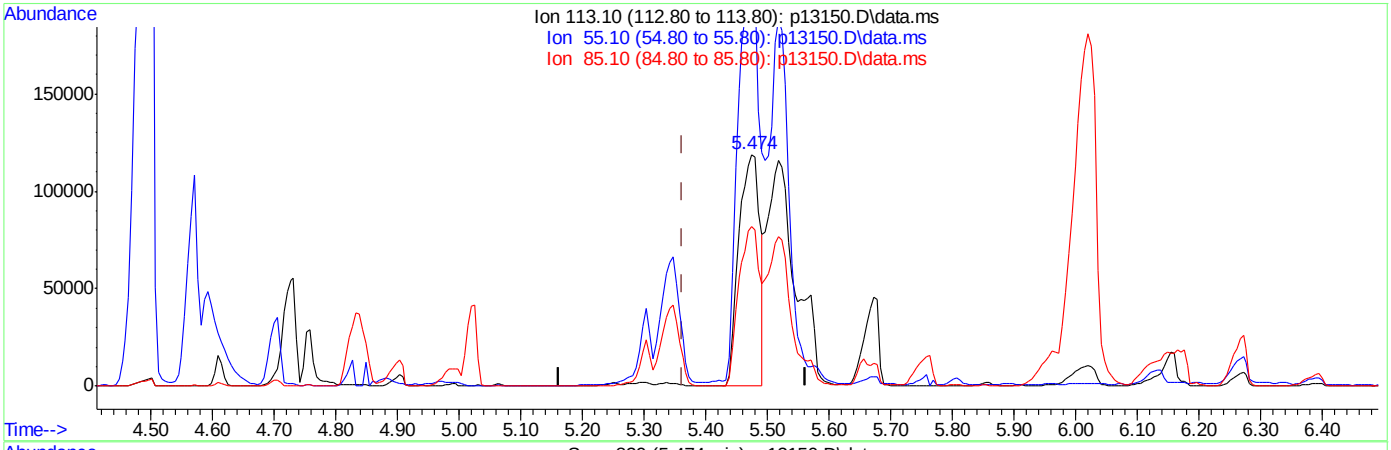
8.6.16.30

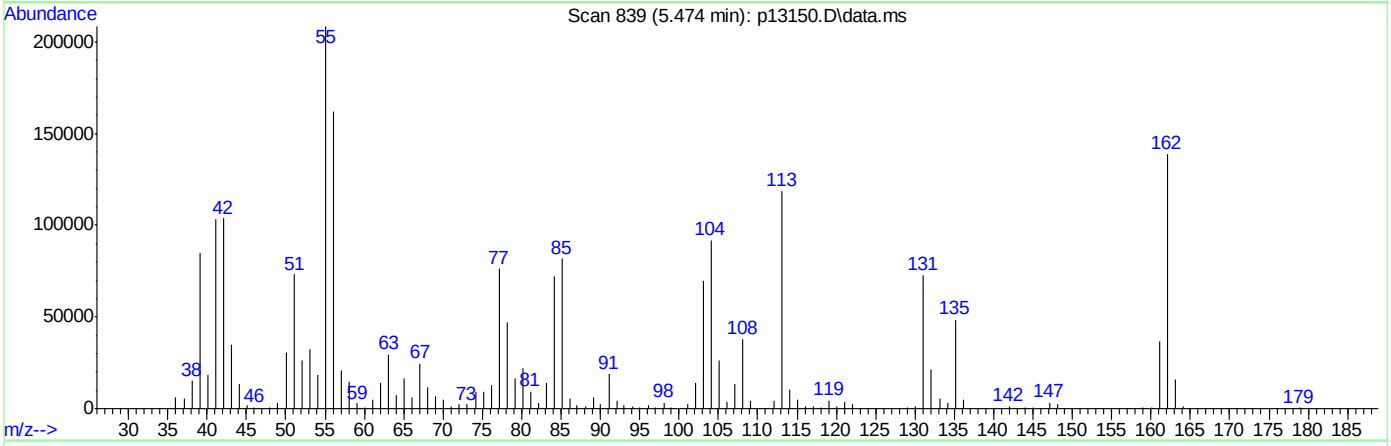
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(50) Caprolactam

5.474min (+0.112) 62.38ppm

response 283884

Ion	Exp%	Act%
113.10	100	100
55.10	182.00	189.18
85.10	66.70	68.49
0.00	0.00	0.00

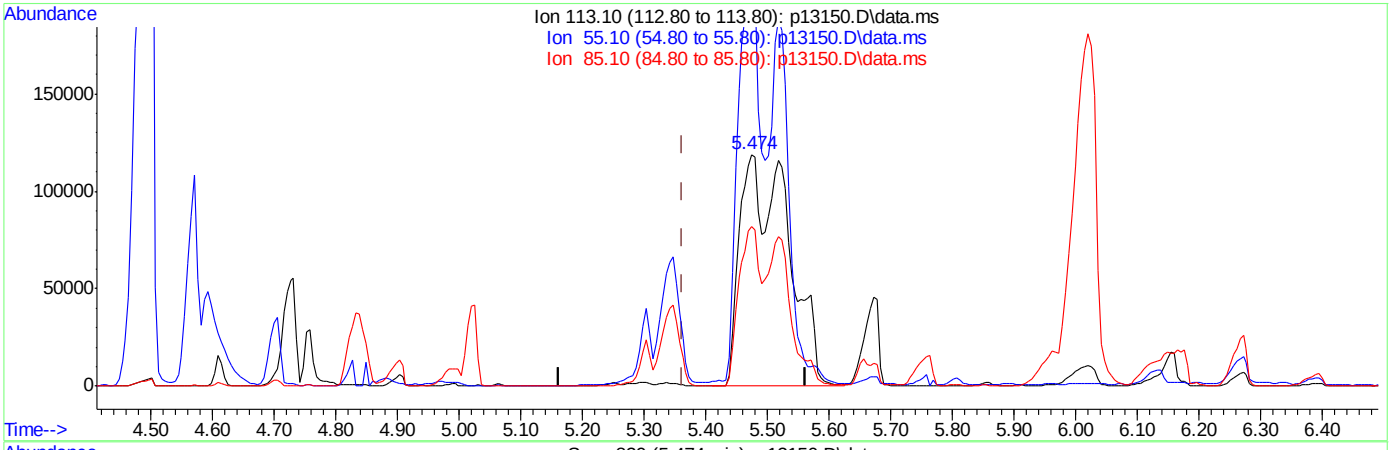
8.6.16.31

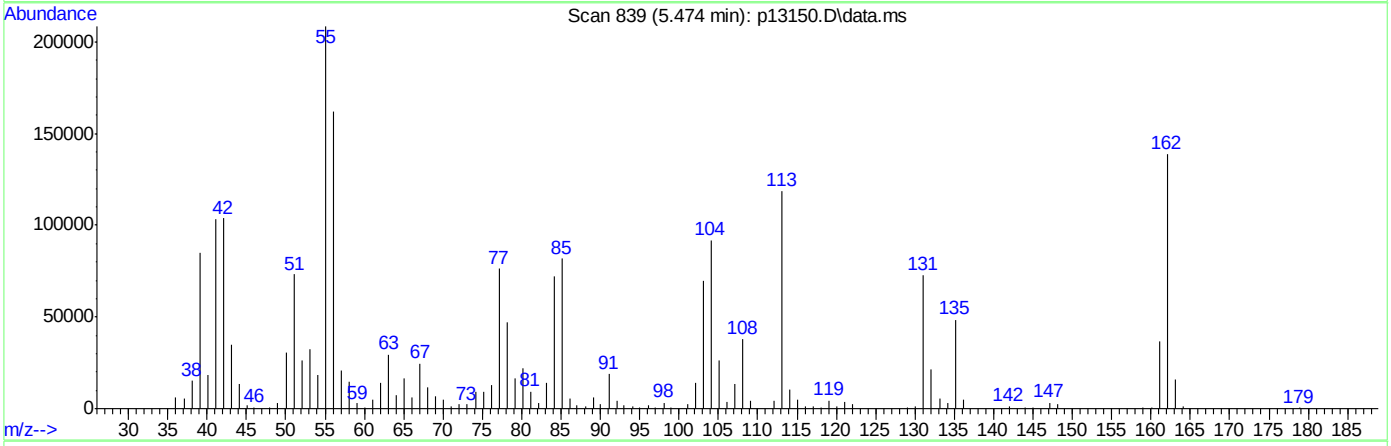
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(50) Caprolactam

5.474min (+0.112) 143.62ppm m

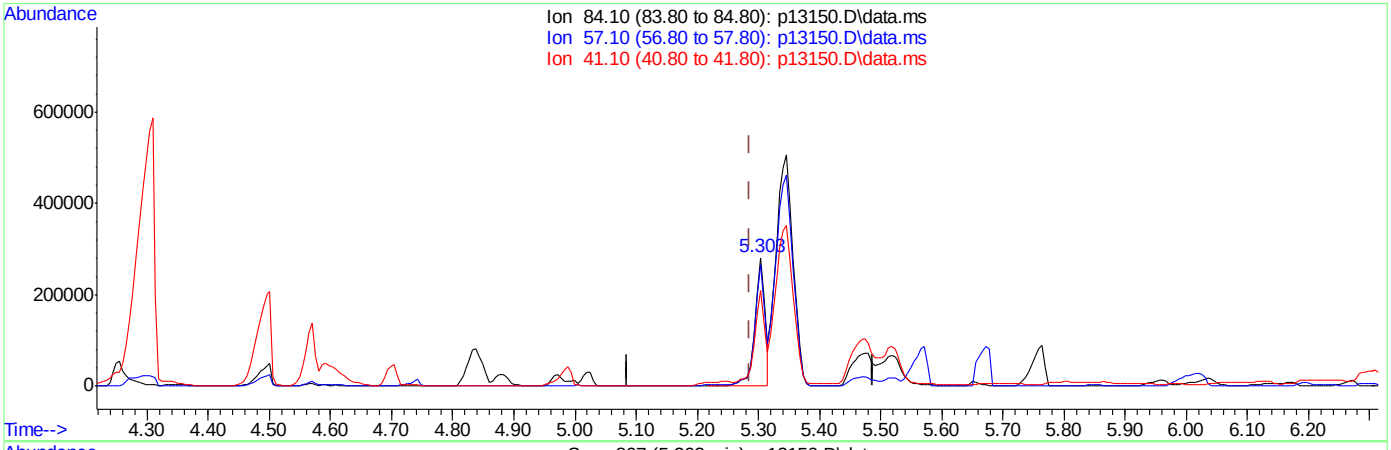
response 653583

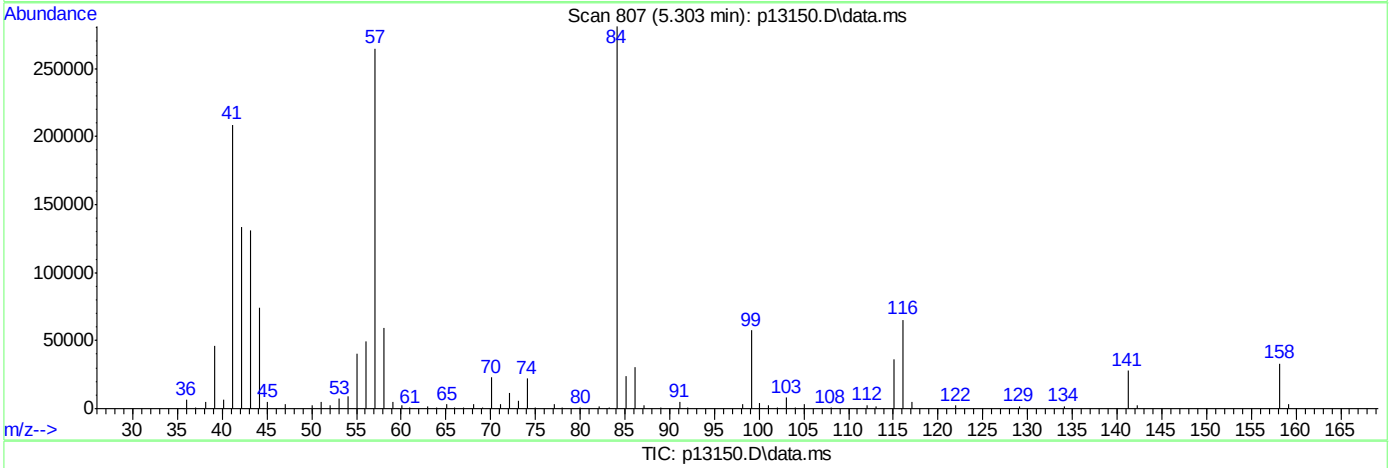
Ion	Exp%	Act%
113.10	100	100
55.10	182.00	82.17#
85.10	66.70	29.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(51) N-Nitrosodi-n-butylamine

5.303min (+0.016) 28.96ppm

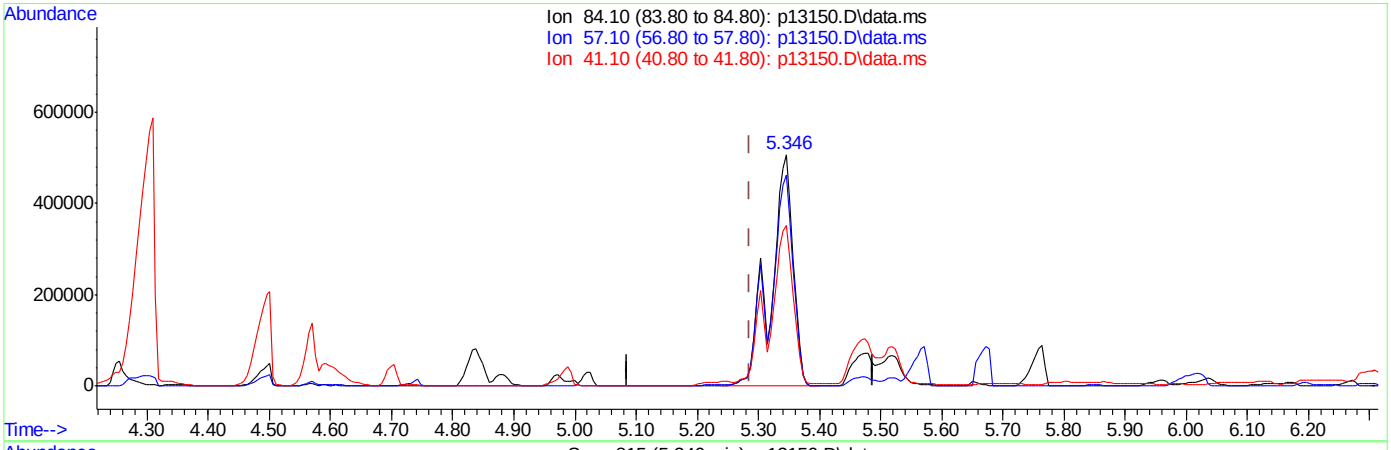
response 319456

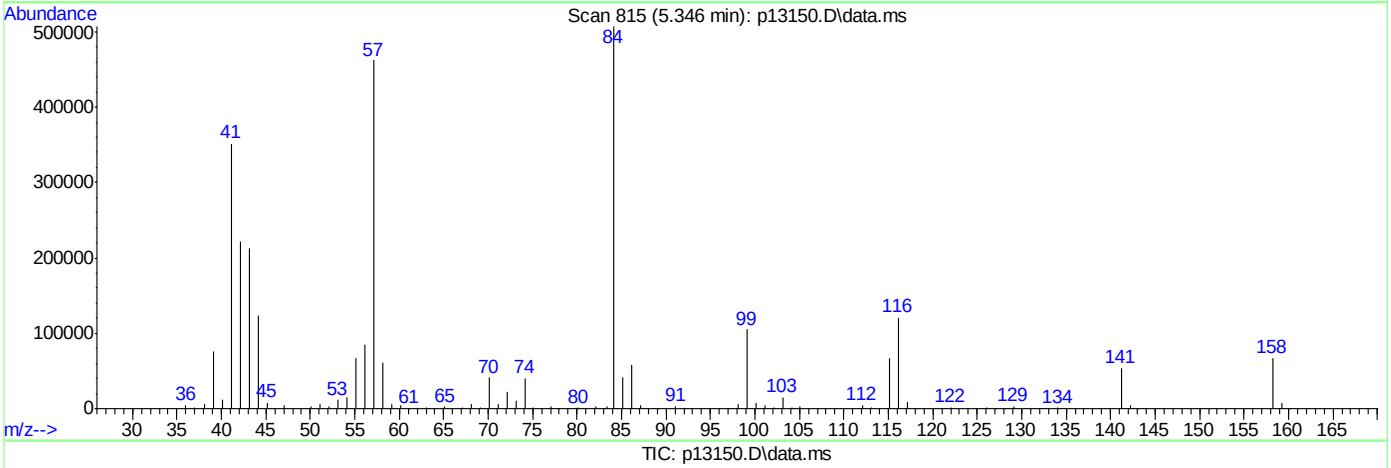
Ion	Exp%	Act%
84.10	100	100
57.10	95.10	97.95
41.10	75.00	75.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(51) N-Nitrosodi-n-butylamine

5.346min (+0.059) 118.95ppm m

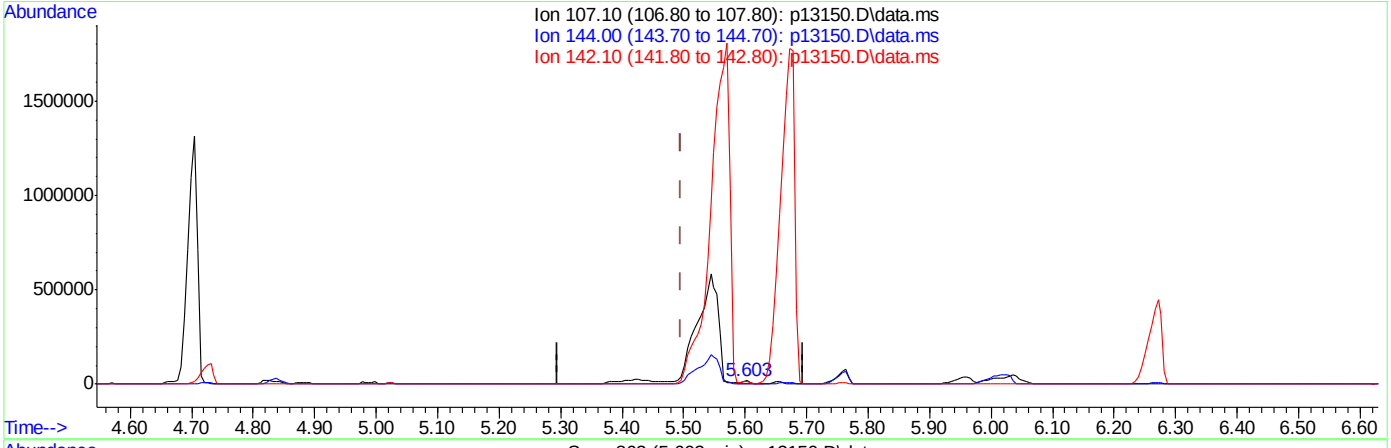
response 1312150

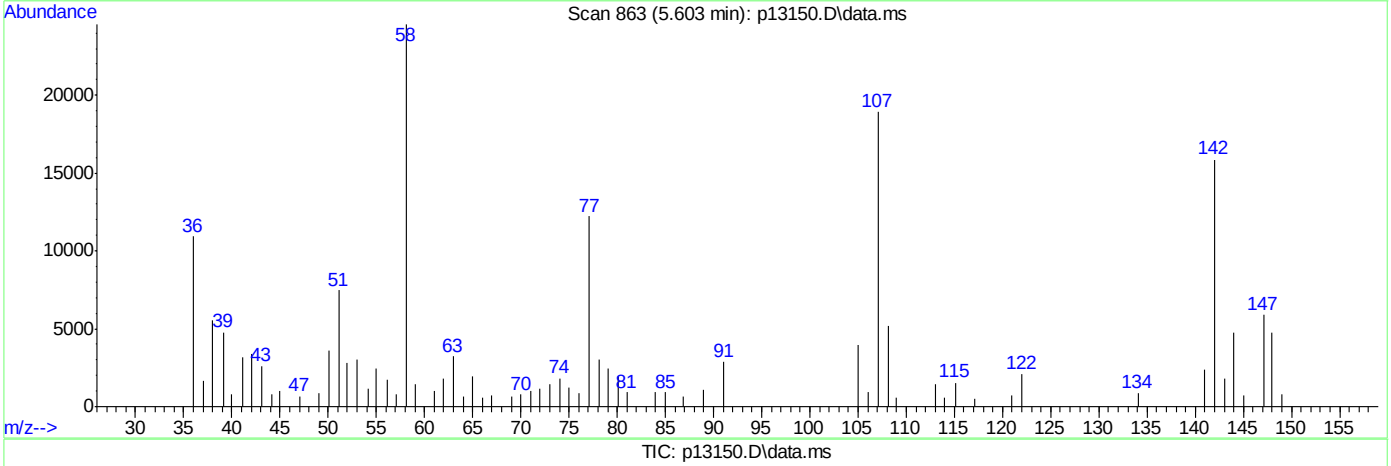
Ion	Exp%	Act%
84.10	100	100
57.10	95.10	23.85#
41.10	75.00	18.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(52) 4-Chloro-3-methylphenol (C)

5.603min (+0.107) 1.54ppm

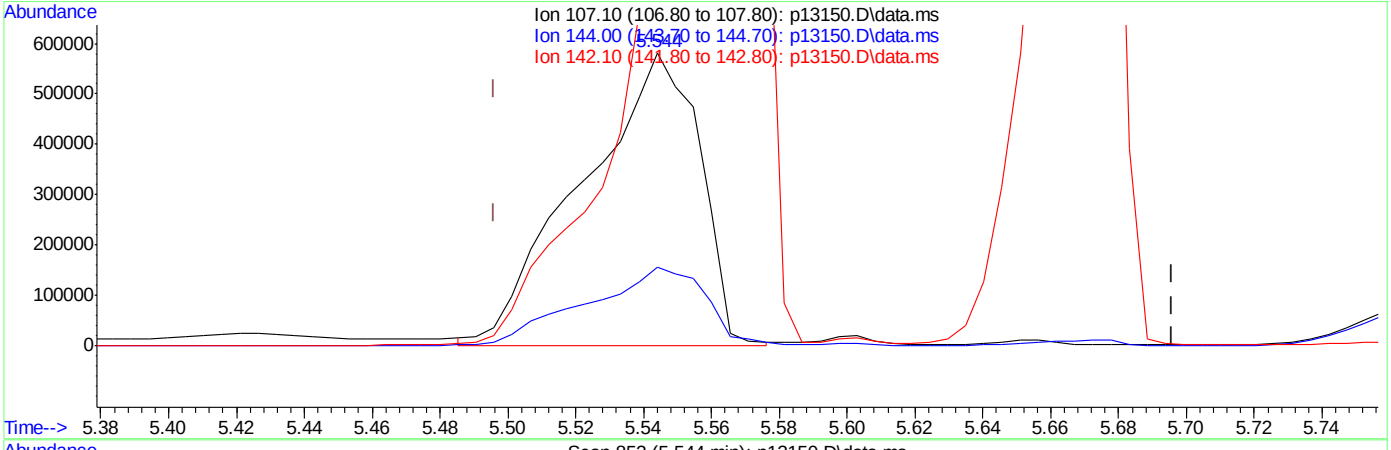
response 17220

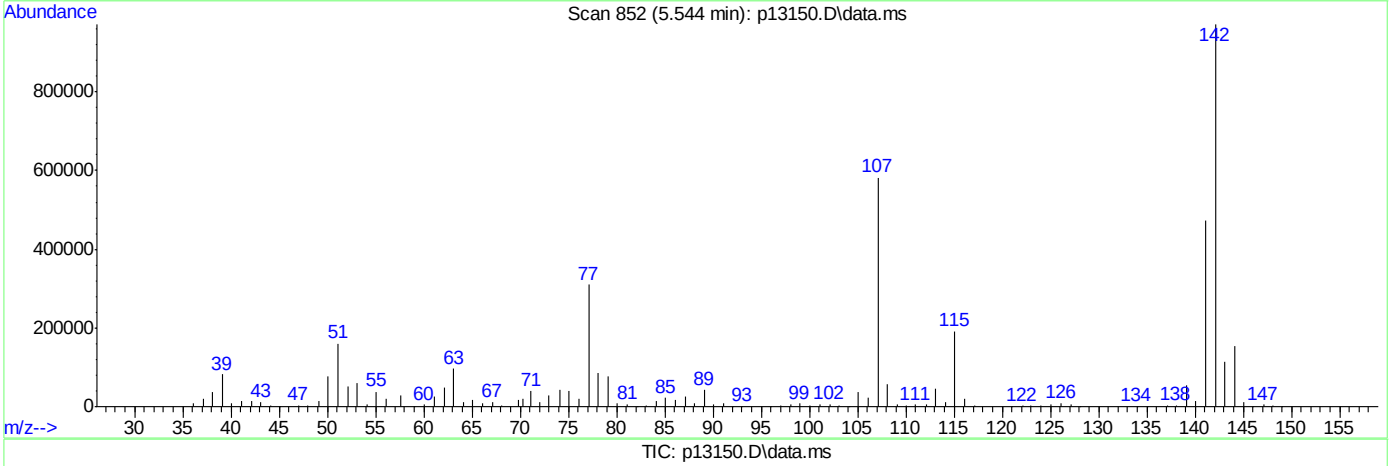
Ion	Exp%	Act%
107.10	100	100
144.00	25.50	27.34
142.10	77.80	60.05
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(52) 4-Chloro-3-methylphenol (C)

5.544min (+0.048) 125.16ppm m

response 1401852

Ion	Exp%	Act%
107.10	100	100
144.00	25.50	0.34
142.10	77.80	0.74#
0.00	0.00	0.00

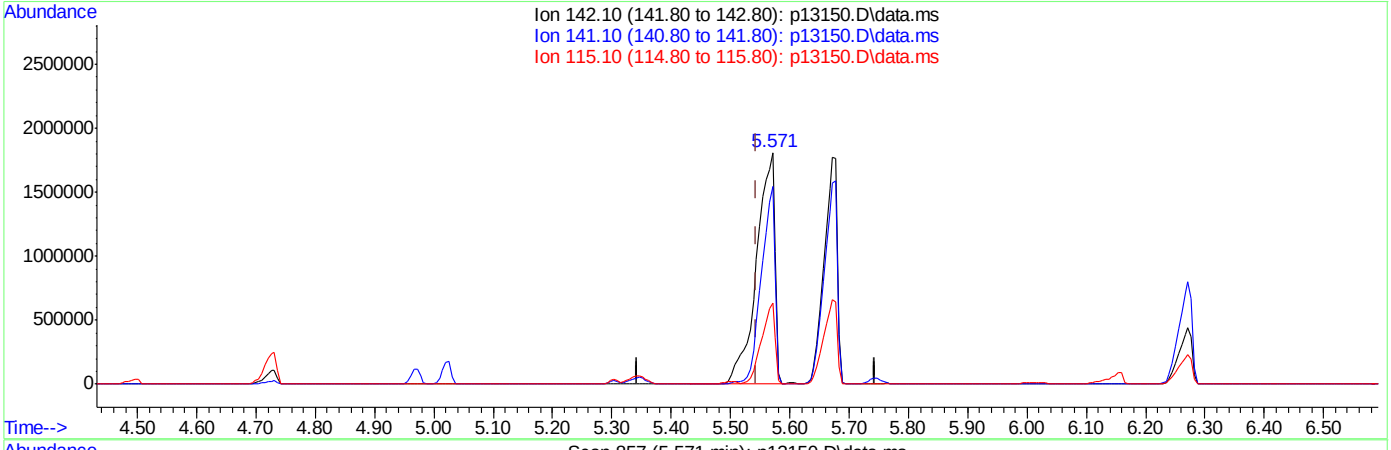
8.6.16.36

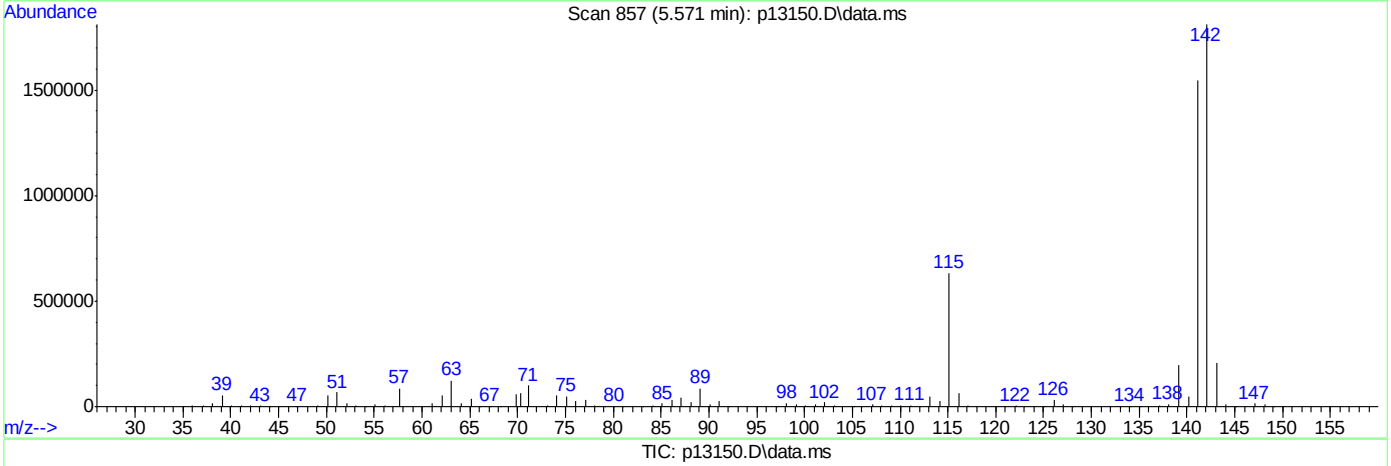
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(54) 2-Methylnaphthalene

5.571min (+0.027) 158.98ppm

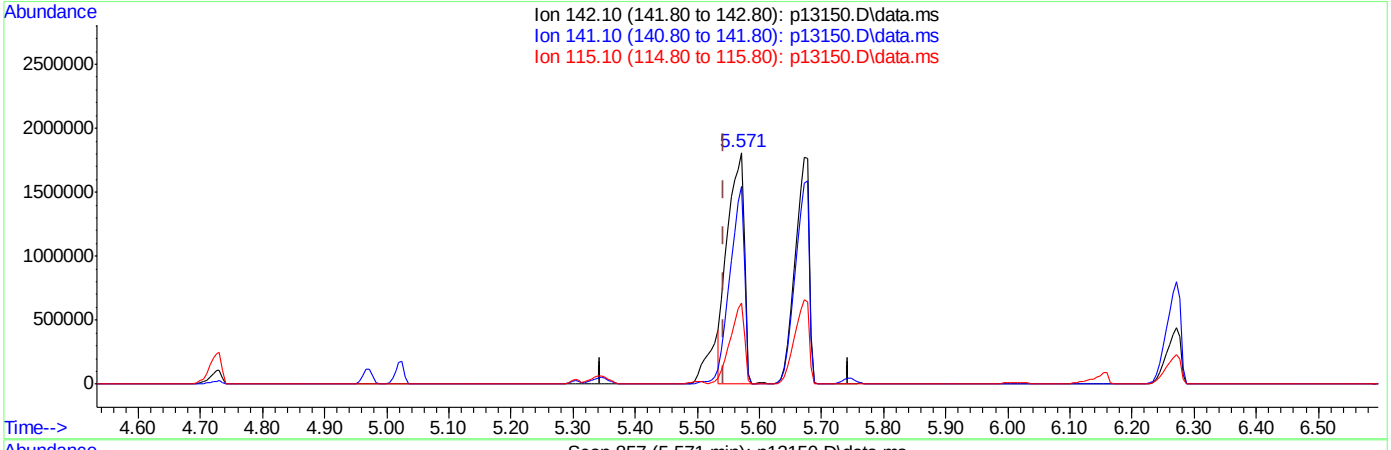
response 3932299

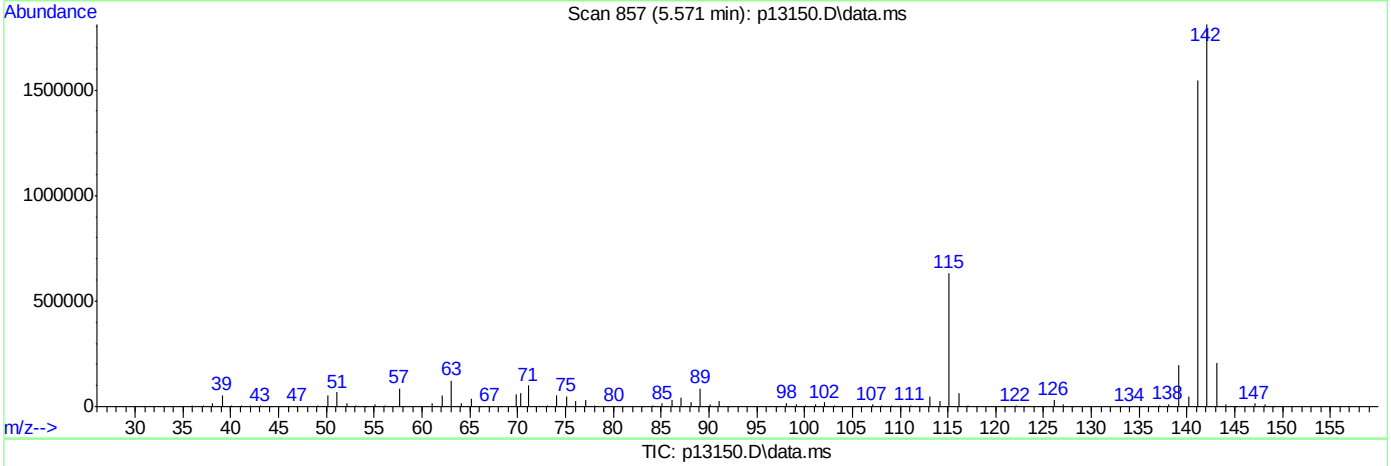
Ion	Exp%	Act%
142.10	100	100
141.10	84.60	63.93
115.10	38.40	25.61
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(54) 2-Methylnaphthalene

5.571min (+0.027) 137.07ppm m

response 3390278

Ion	Exp%	Act%
142.10	100	100
141.10	84.60	74.15
115.10	38.40	29.71
0.00	0.00	0.00

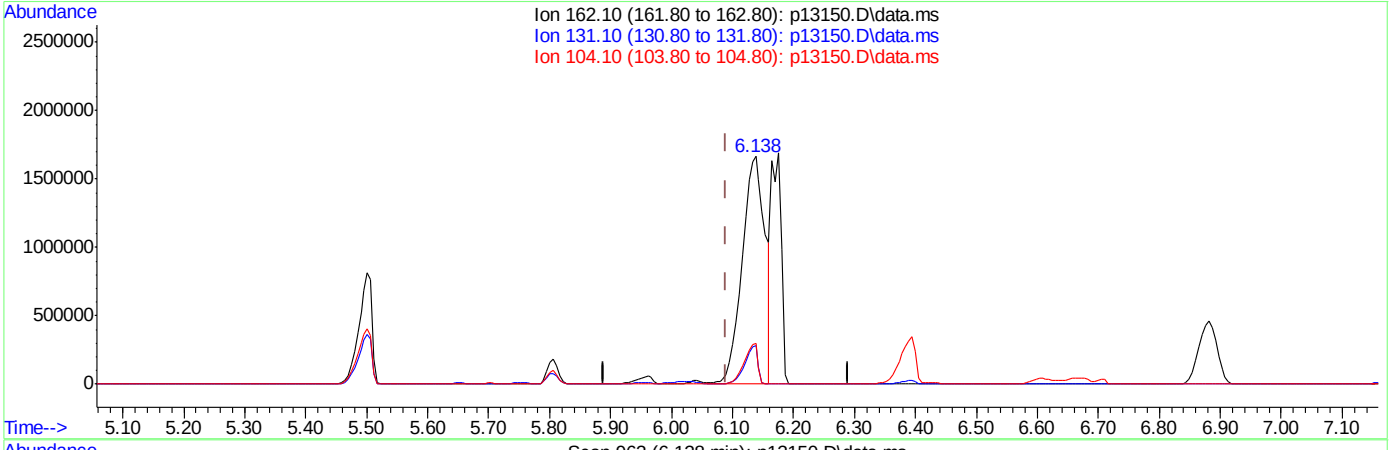
8.6.16.38

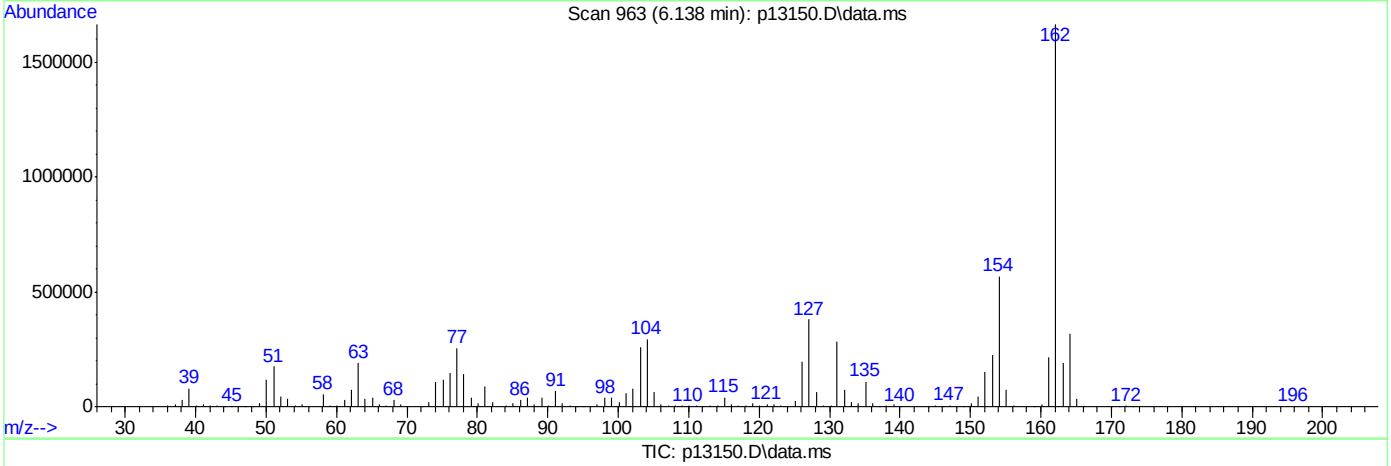
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(62) Safrole

6.138min (+0.048) 230.85ppm

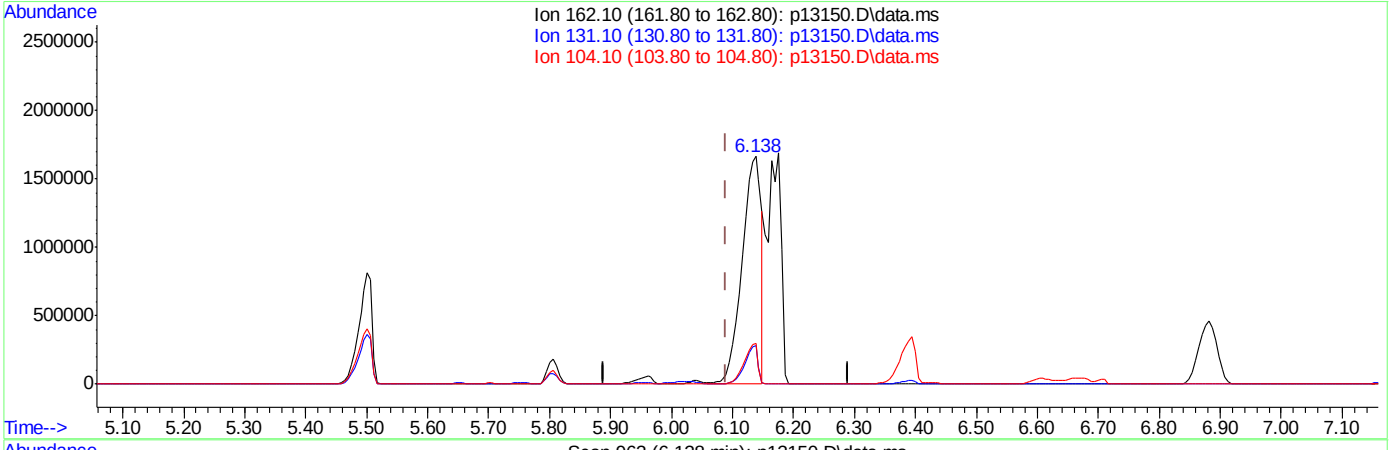
response 4345722

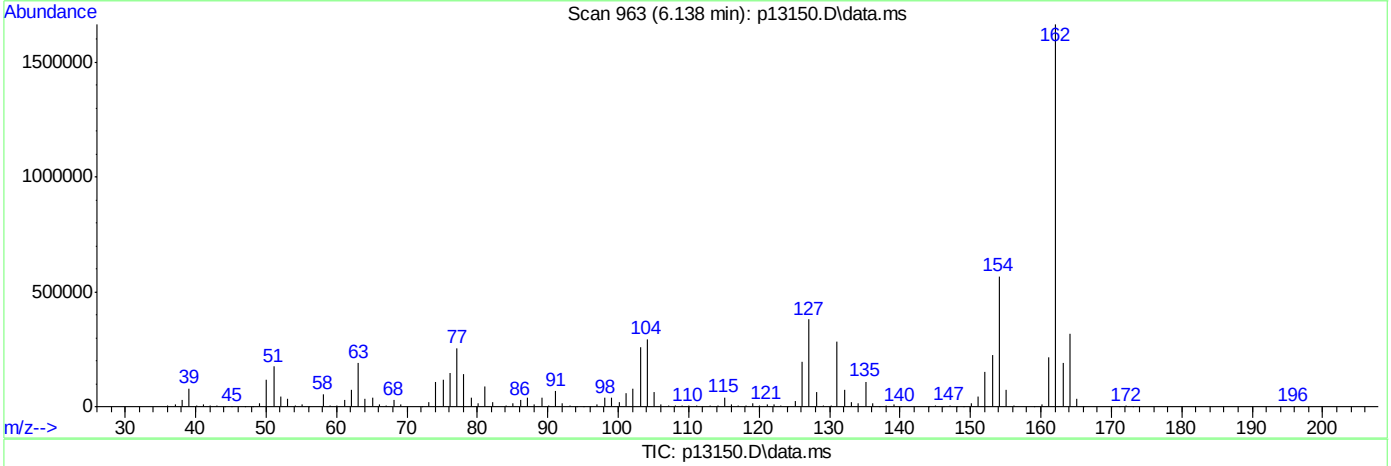
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	9.84#
104.10	31.70	10.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(62) Safrole

6.138min (+0.048) 194.93ppm m

response 3669584

Ion	Exp%	Act%
162.10	100	100
131.10	26.30	11.65#
104.10	31.70	13.00#
0.00	0.00	0.00

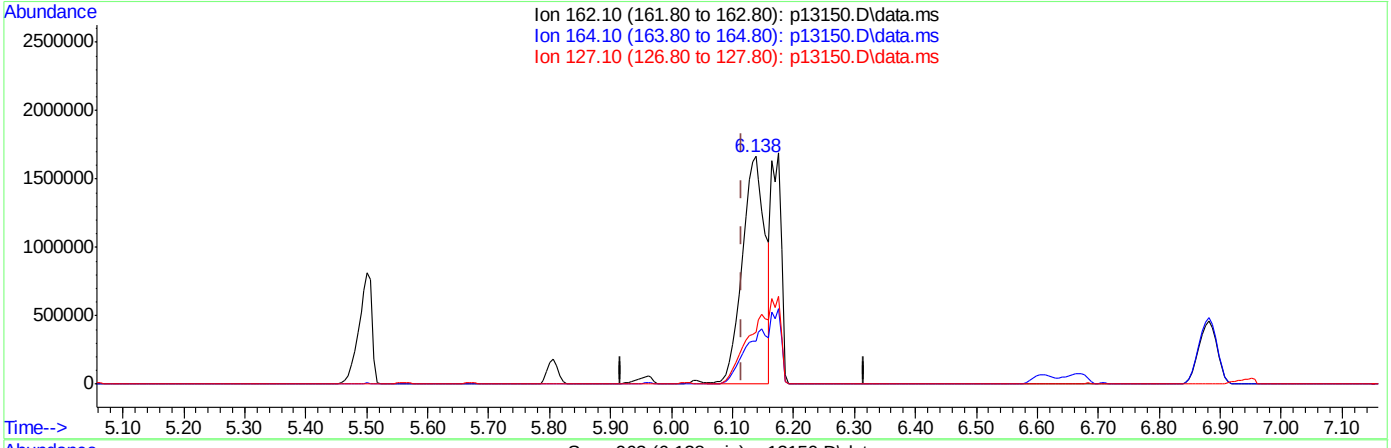
8.6.16.40

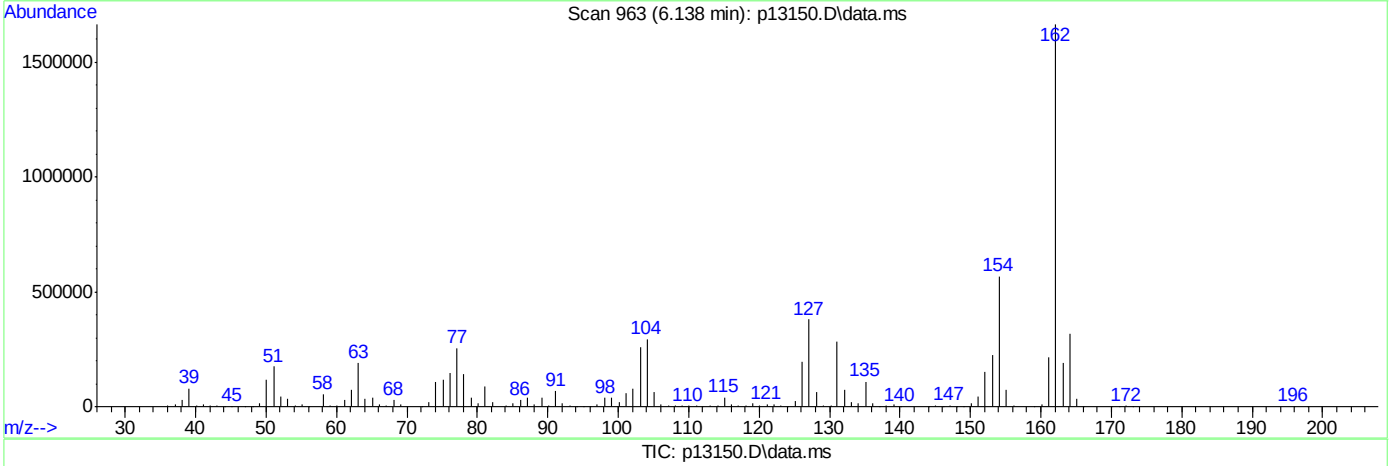
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(64) 2-Chloronaphthalene

6.138min (+0.021) 168.79ppm

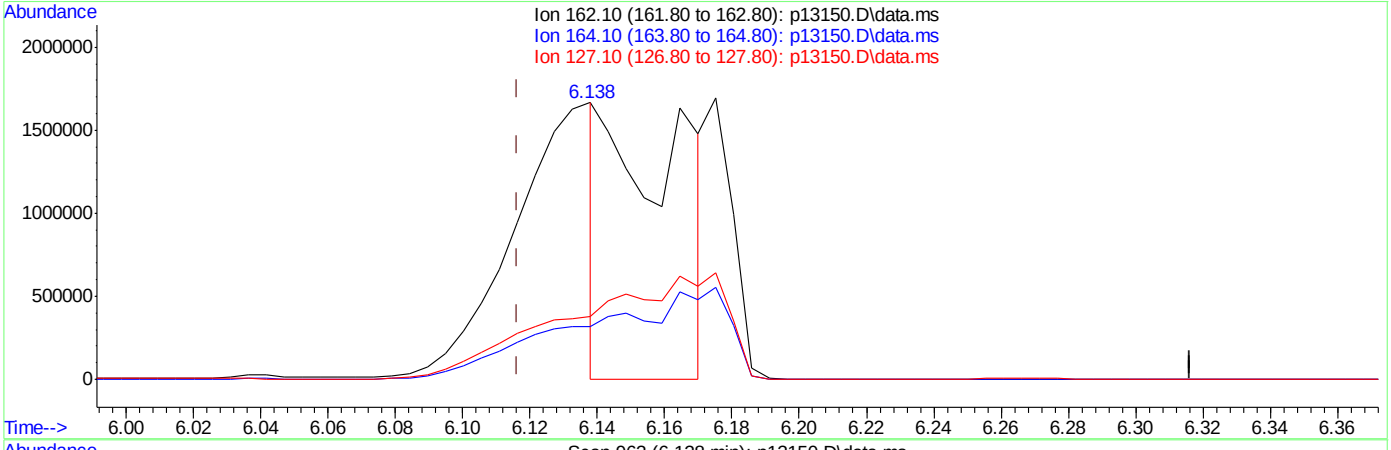
response 4344933

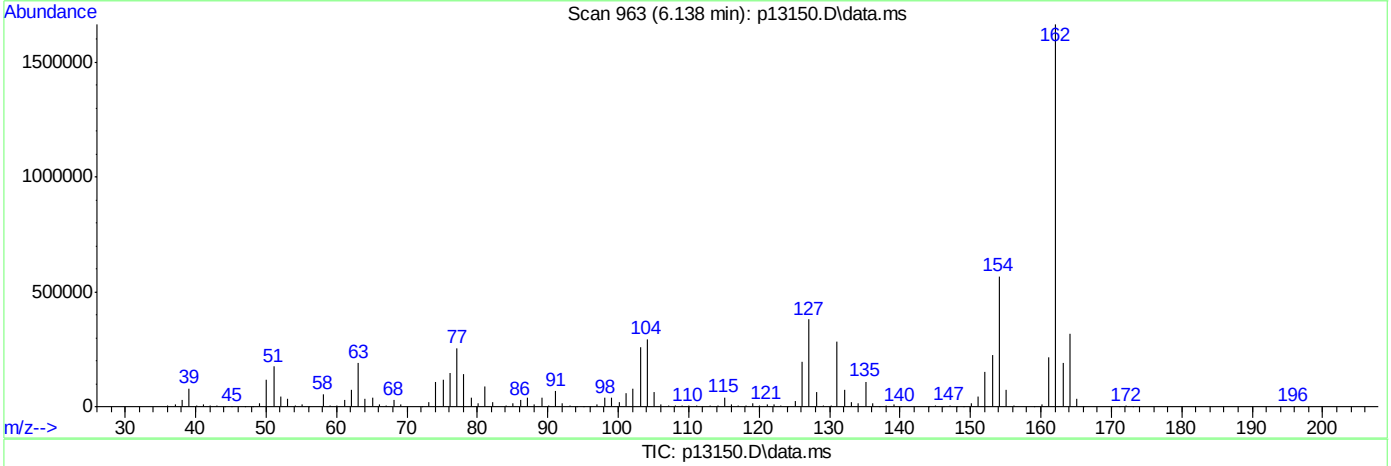
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	24.88
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(64) 2-Chloronaphthalene

6.138min (+0.021) 99.81ppm m

response 2569335

Ion	Exp%	Act%
162.10	100	100
164.10	0.00	42.08#
127.10	0.00	0.00
0.00	0.00	0.00

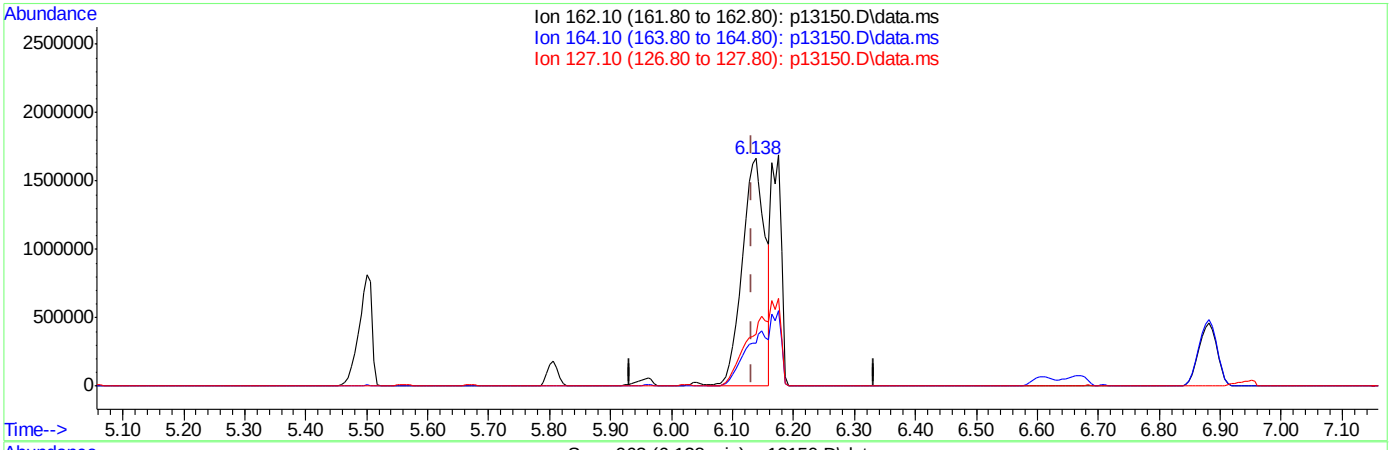
8.6.16.42

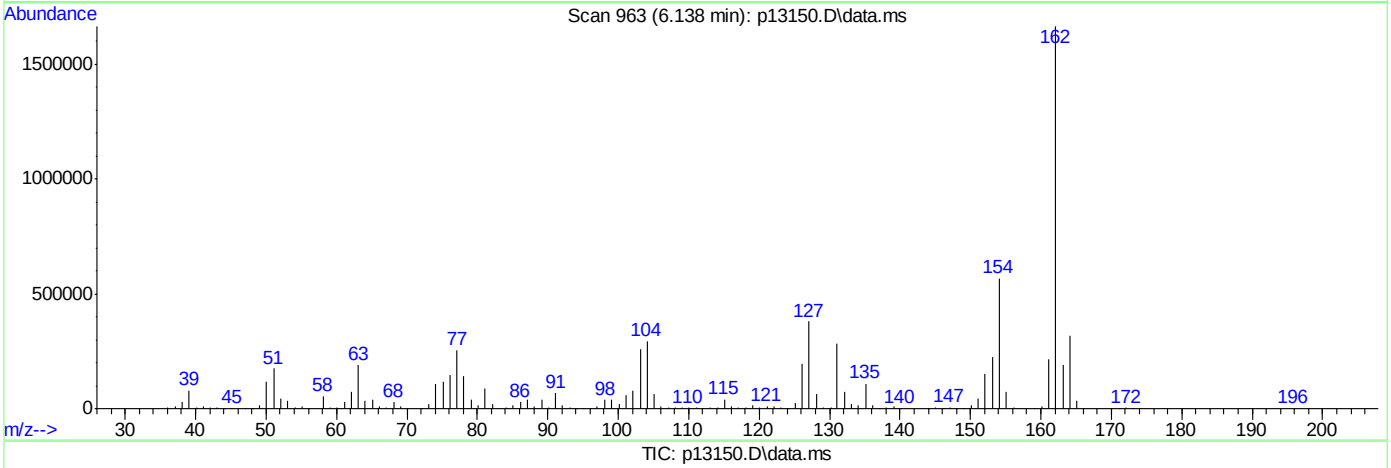
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(65) 1-Chloronaphthalene

6.138min (+0.005) 248.97ppm

response 4341996

Ion	Exp%	Act%
162.10	100	100
164.10	0.00	24.90#
127.10	0.00	0.00
0.00	0.00	0.00

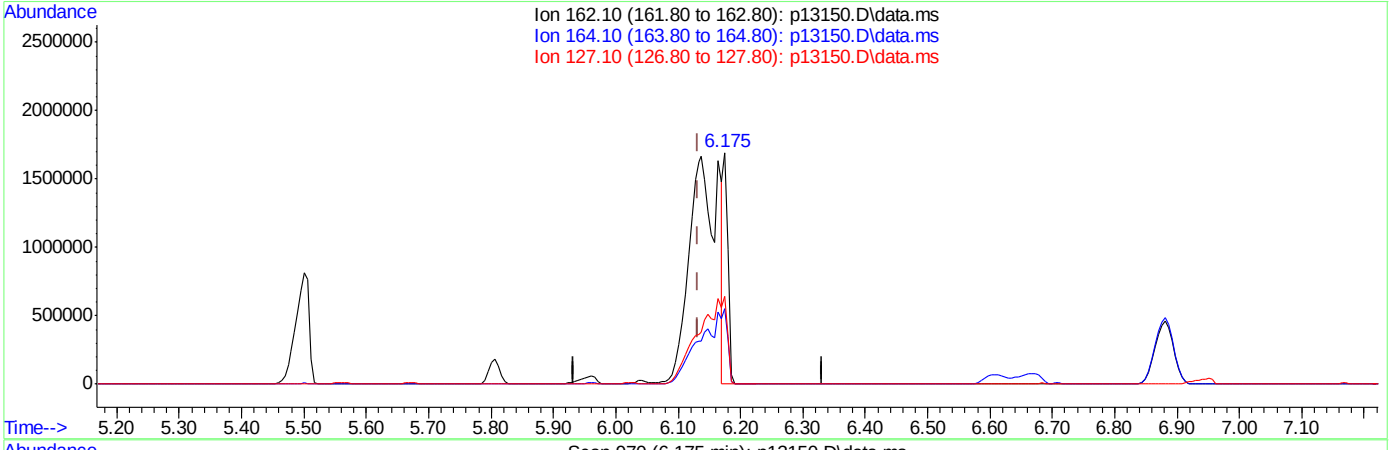
8.6.16.43

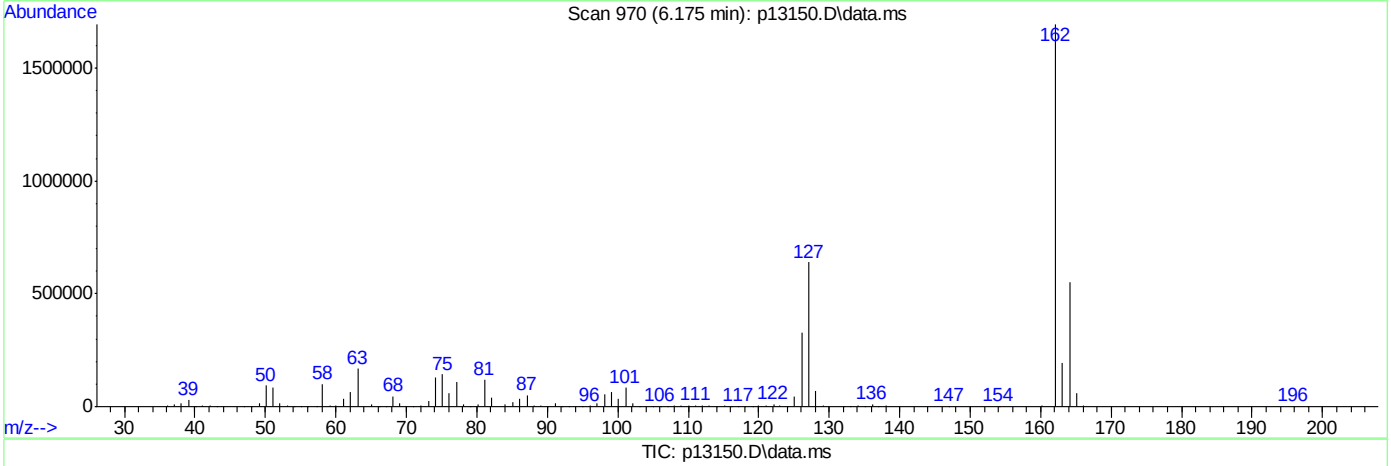
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(65) 1-Chloronaphthalene

6.175min (+0.043) 50.80ppm m

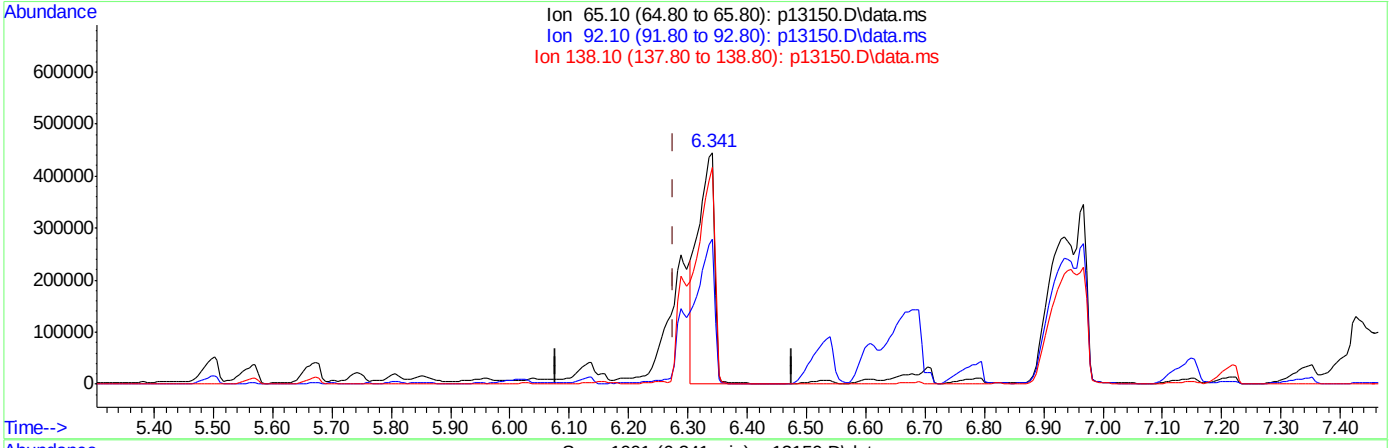
response 886004

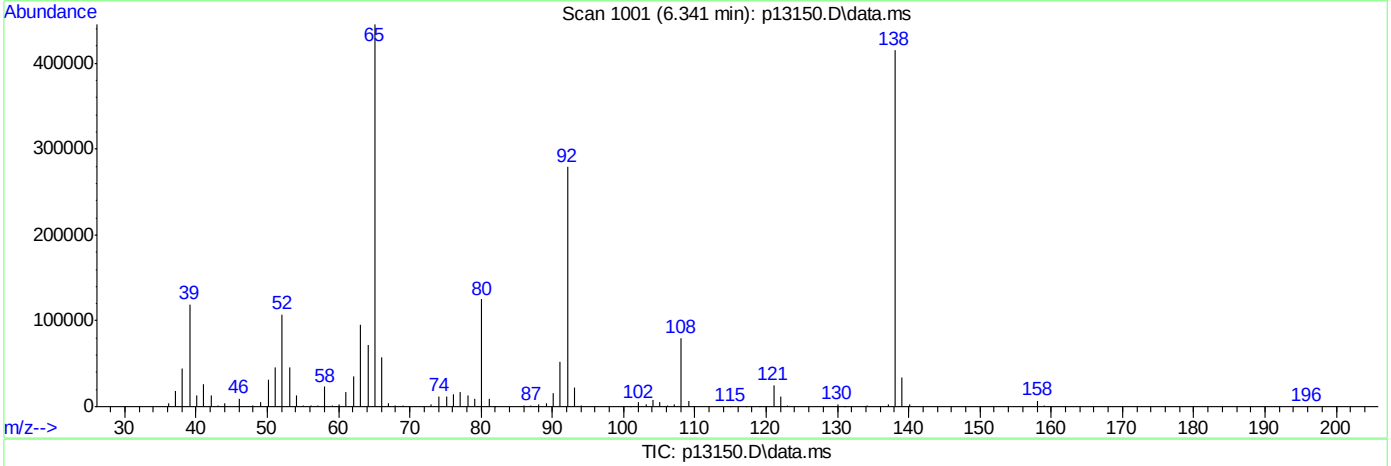
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	122.02#
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(66) 2-Nitroaniline

6.341min (+0.064) 87.65ppm

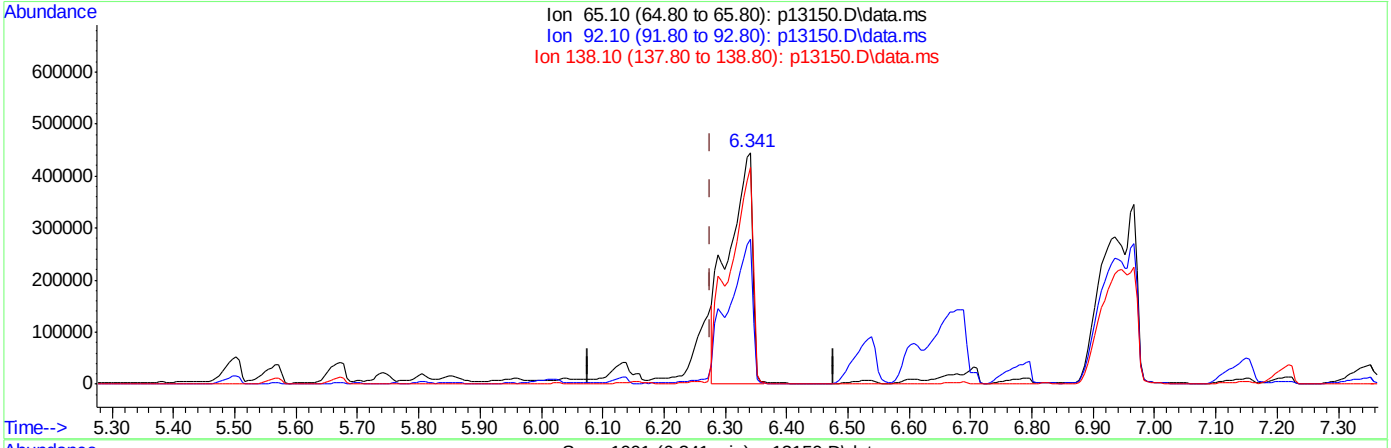
response 861385

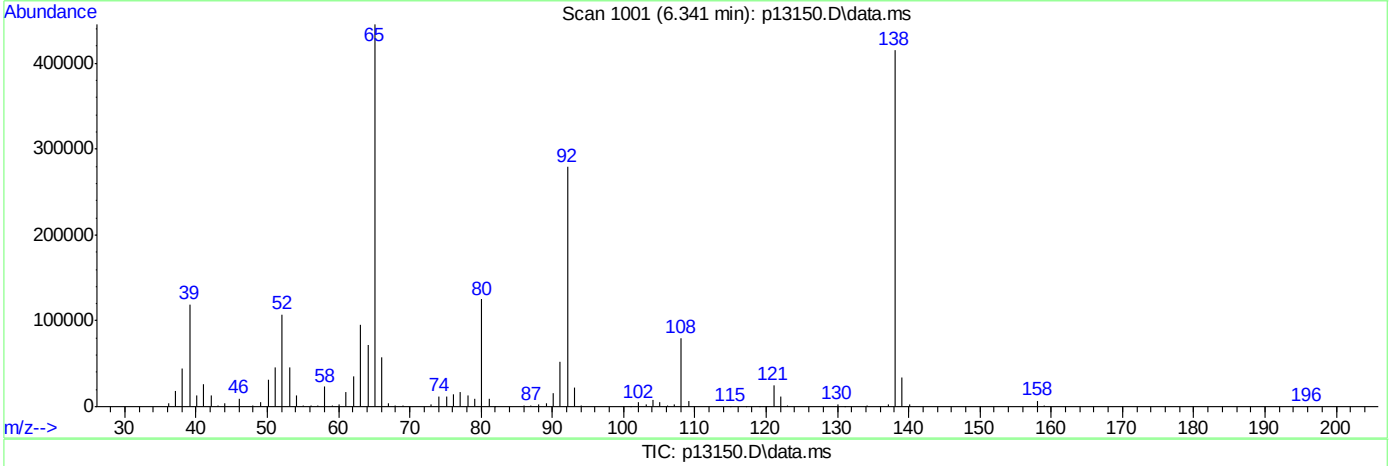
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	61.06
138.10	93.80	91.60
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(66) 2-Nitroaniline

6.341min (+0.064) 124.51ppm m

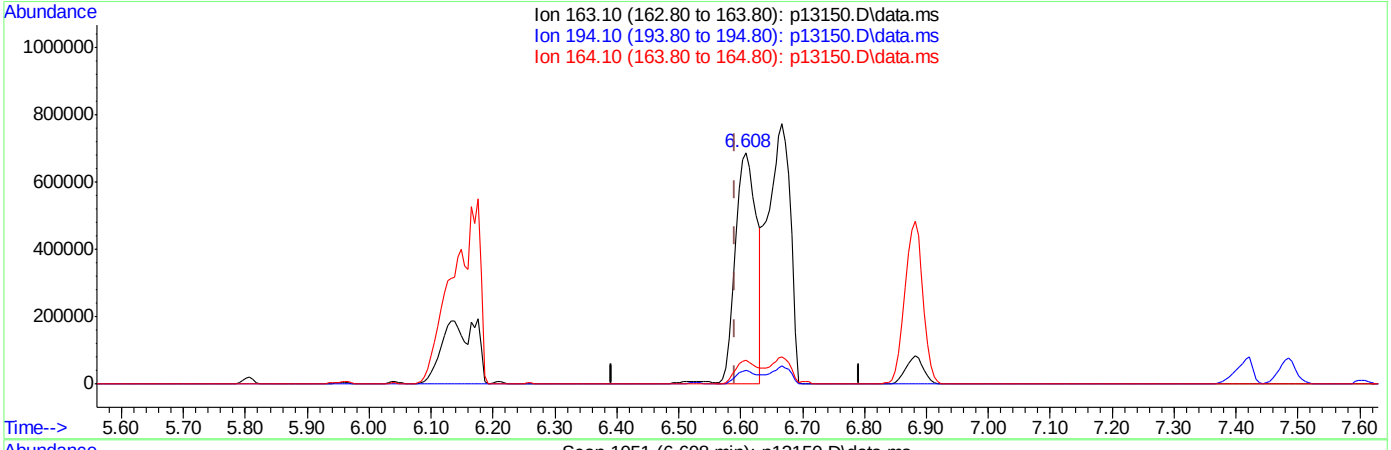
response 1223693

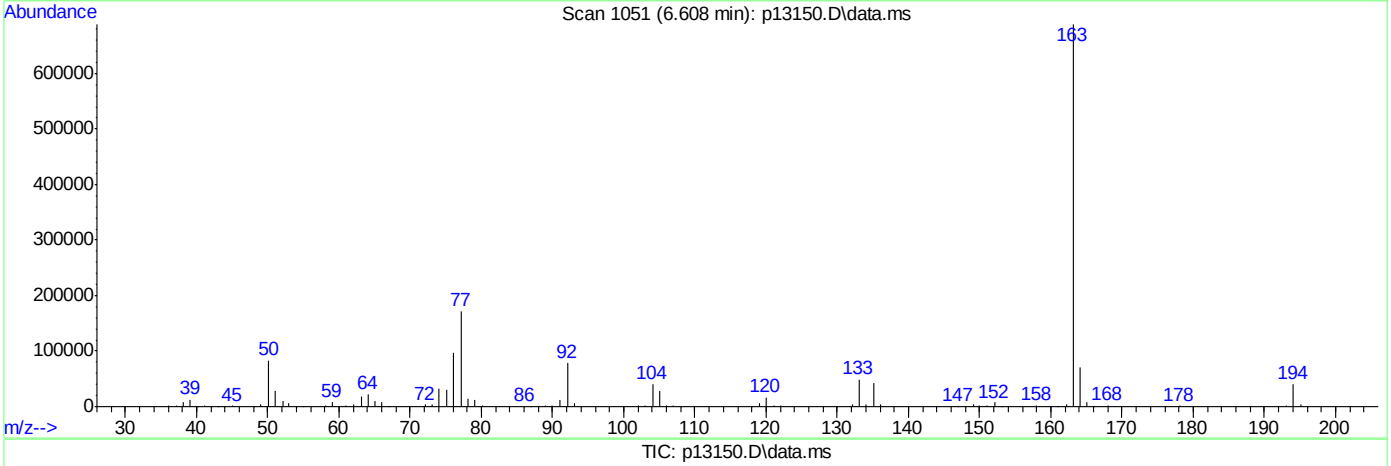
Ion	Exp%	Act%
65.10	100	100
92.10	63.50	42.98
138.10	93.80	64.48
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(69) Dimethylphthalate

6.608min (+0.016) 49.22ppm

response 1609182

Ion	Exp%	Act%
163.10	100	100
194.10	5.70	5.75
164.10	10.20	10.19
0.00	0.00	0.00

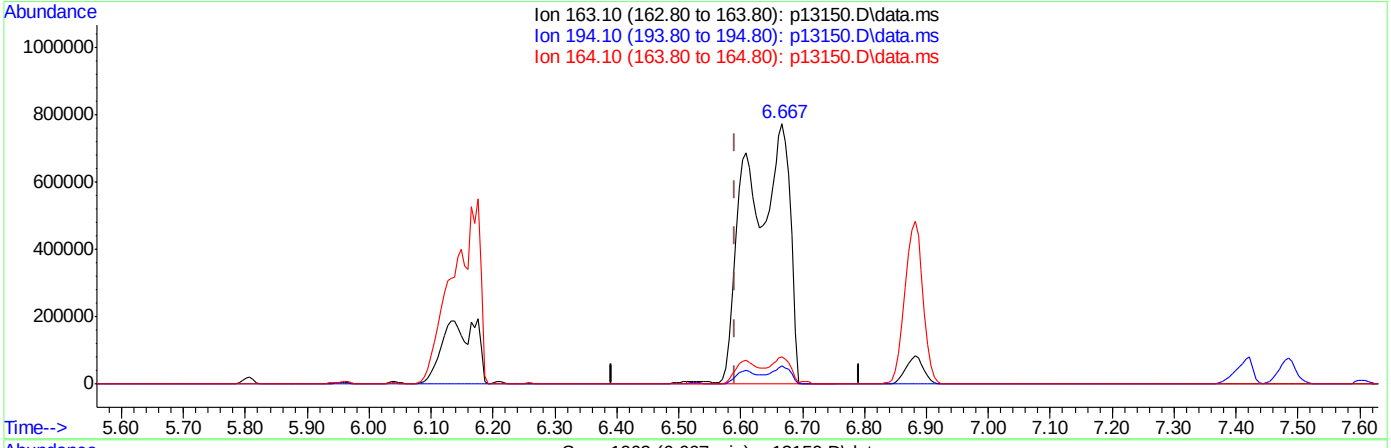
8.6.16.47

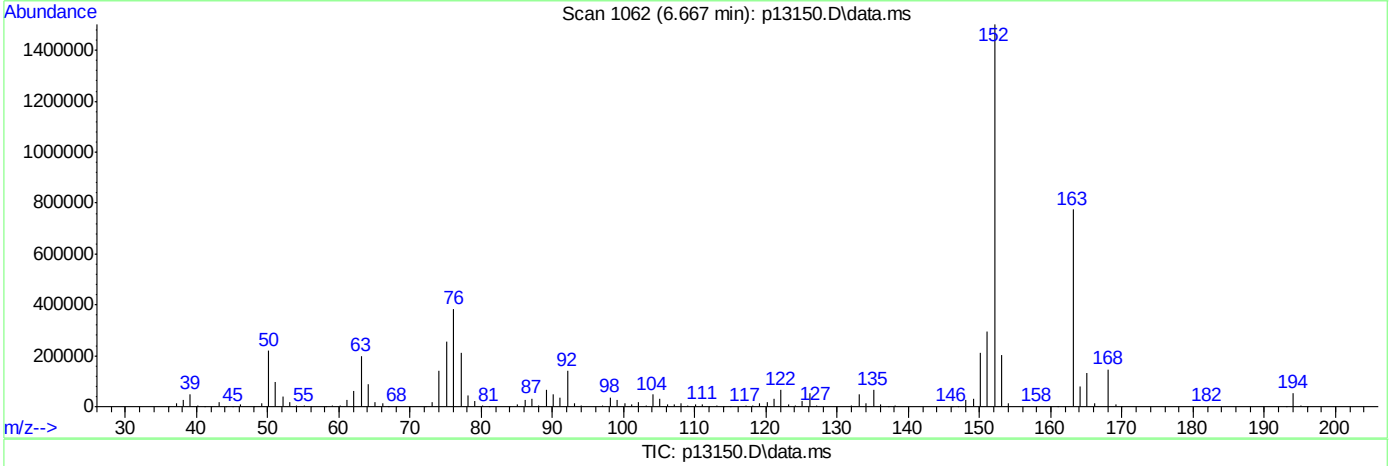
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(69) Dimethylphthalate

6.667min (+0.075) 110.68ppm m

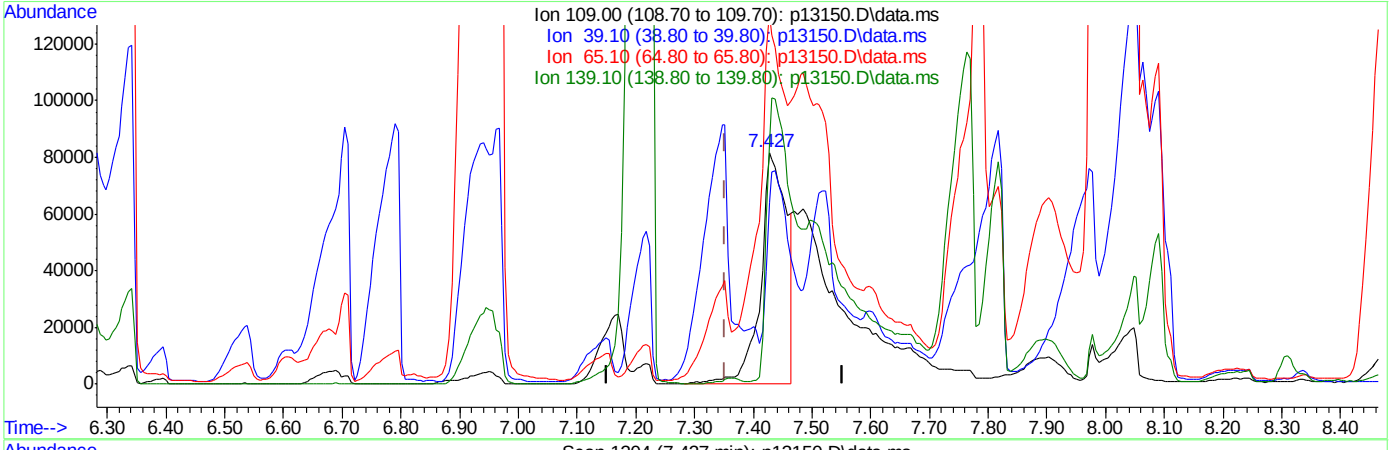
response 3618949

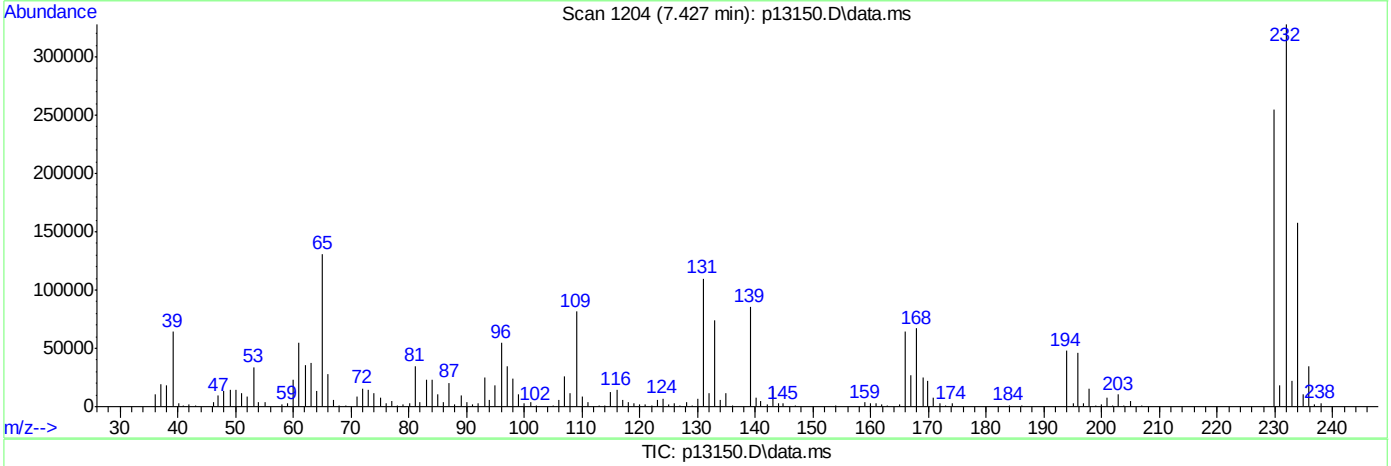
Ion	Exp%	Act%
163.10	100	100
194.10	5.70	2.56
164.10	10.20	4.53
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(78) 4-Nitrophenol (P)

7.427min (+0.075) 68.92ppm

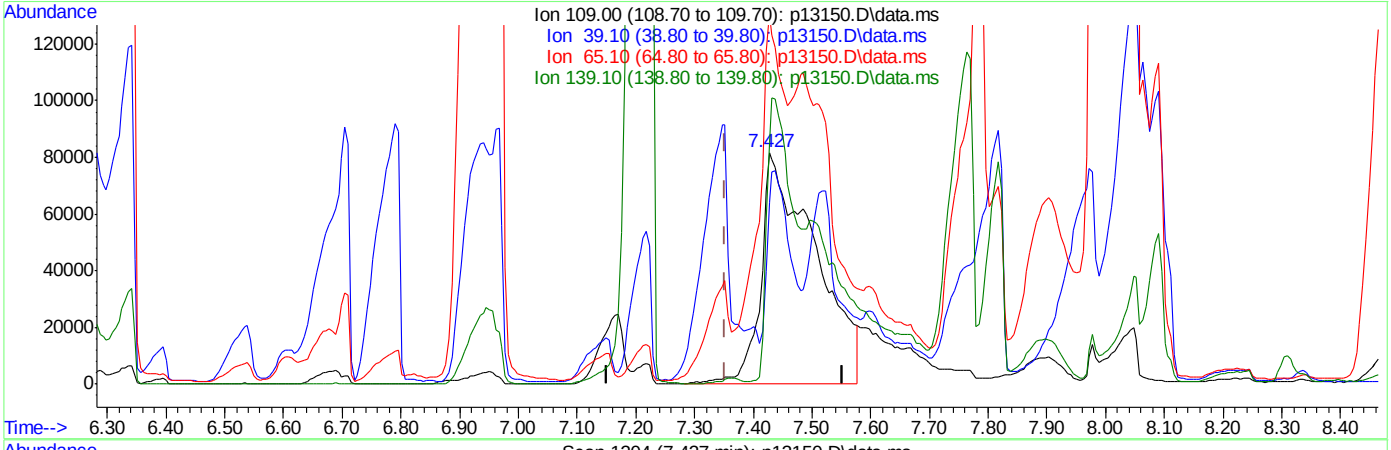
response 255345

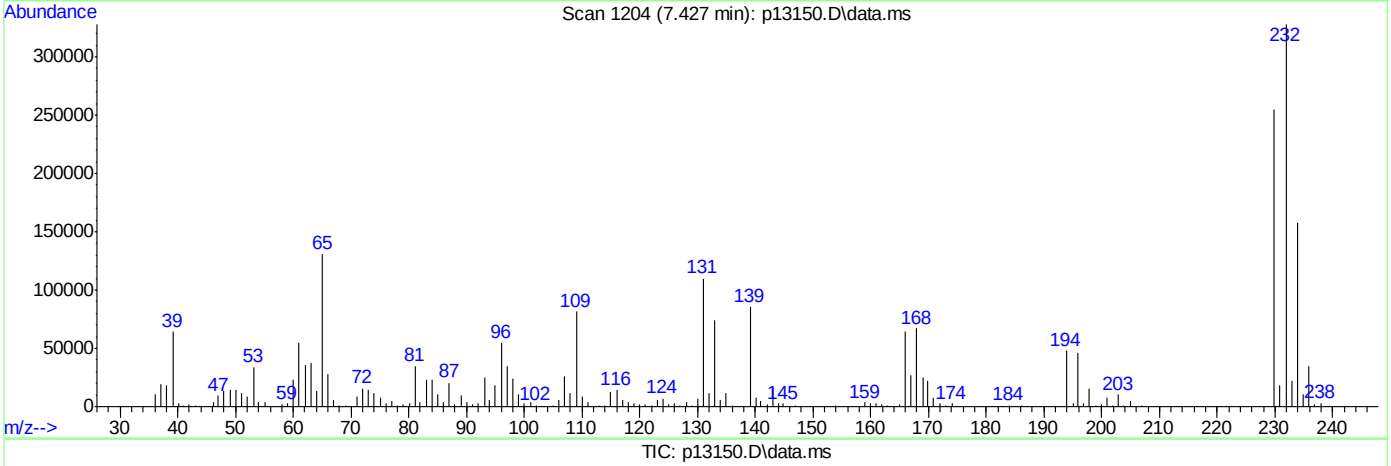
Ion	Exp%	Act%
109.00	100	100
39.10	83.80	60.90
65.10	153.10	121.05#
139.10	157.30	116.03#

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(78) 4-Nitrophenol (P)

7.427min (+0.075) 141.96ppm m

response 525990

Ion	Exp%	Act%
109.00	100	100
39.10	83.80	29.56#
65.10	153.10	58.76#
139.10	157.30	56.33#

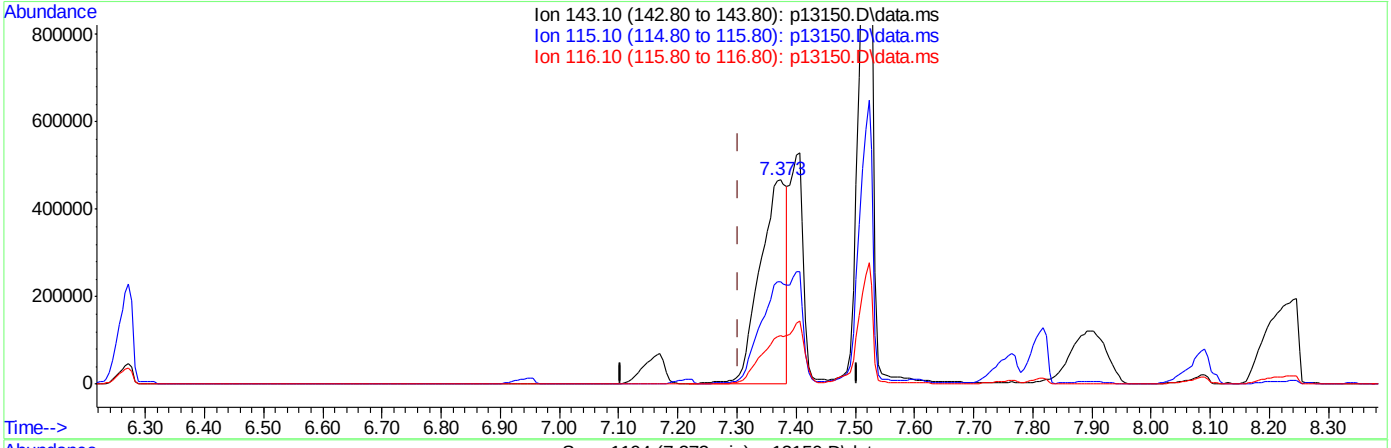
8.6.16.50

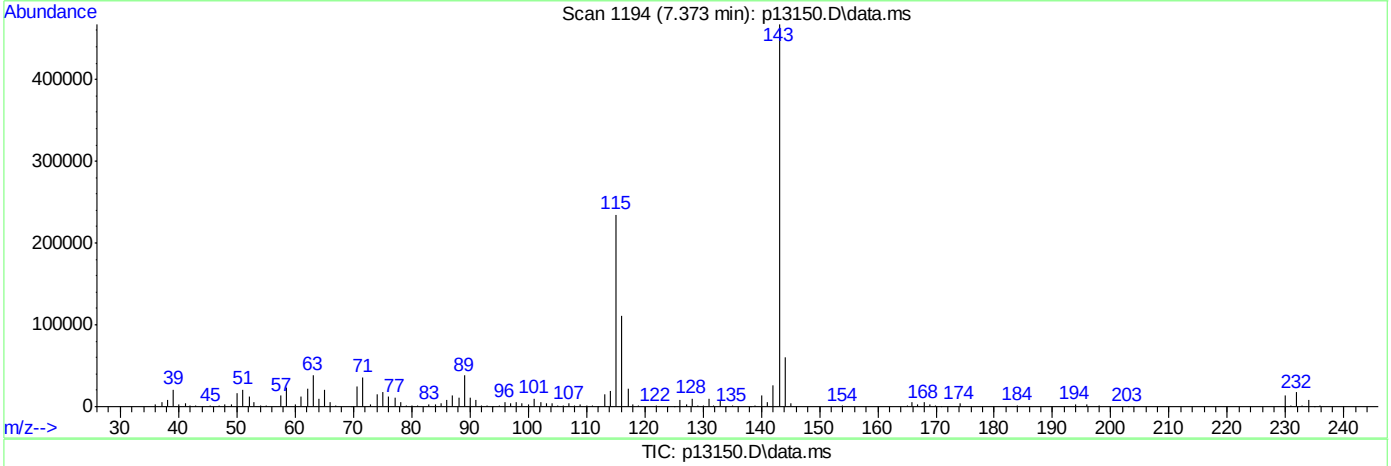
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(79) 1-Naphthylamine

7.373min (+0.070) 86.66ppm

response 1459258

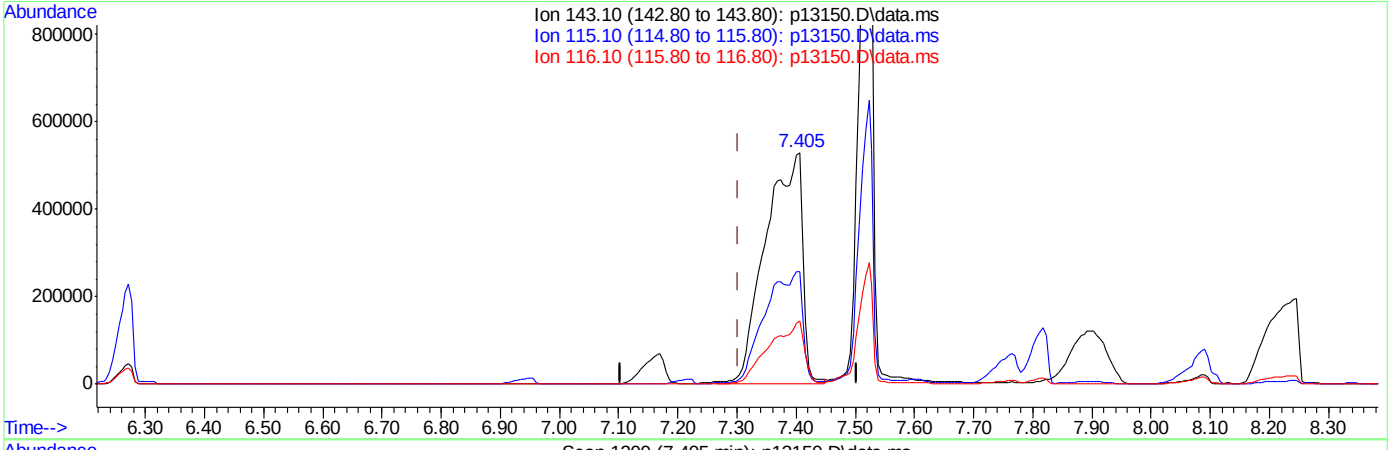
Ion	Exp%	Act%
143.10	100	100
115.10	49.00	49.52
116.10	26.10	0.00#
0.00	0.00	0.00

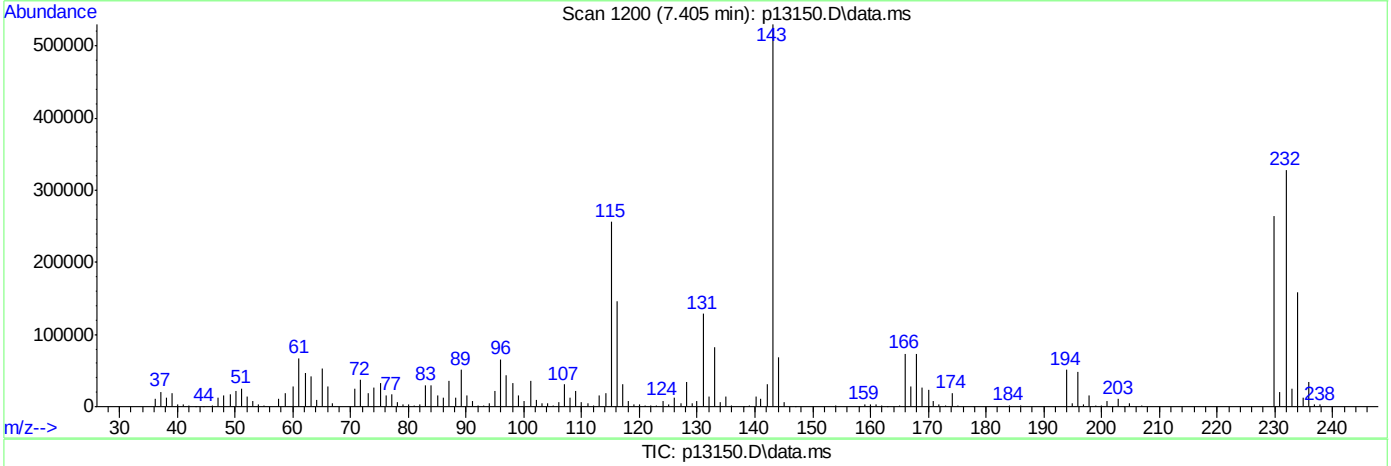
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(79) 1-Naphthylamine

7.405min (+0.102) 136.67ppm m

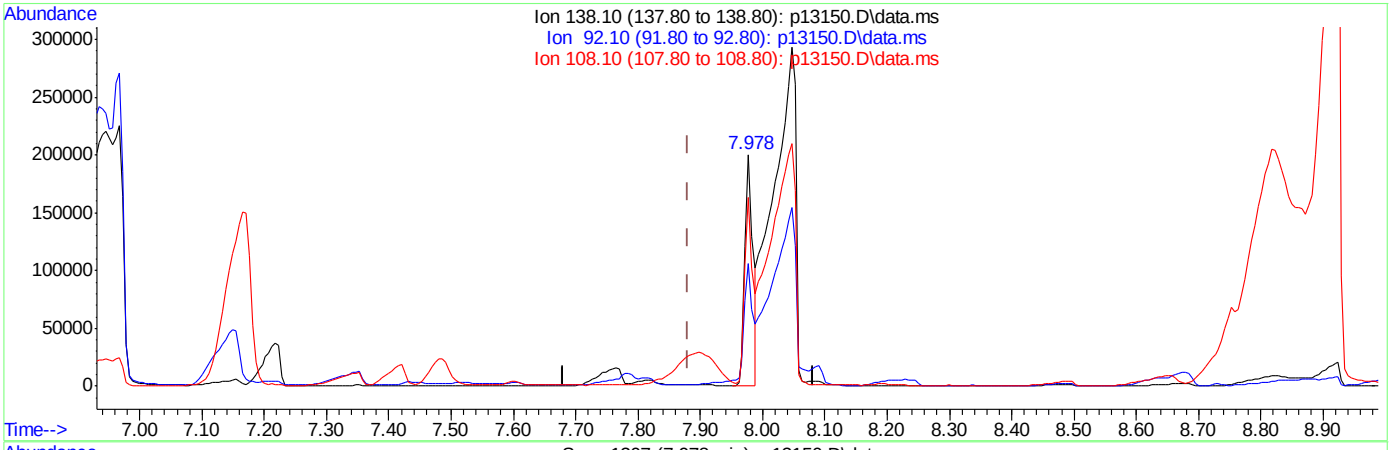
response 2301497

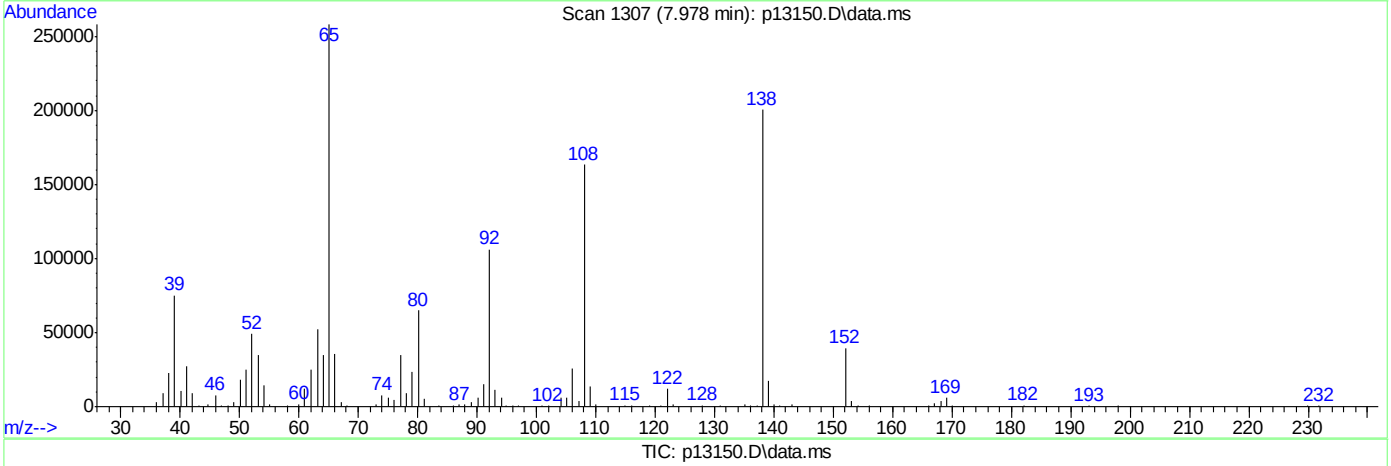
Ion	Exp%	Act%
143.10	100	100
115.10	49.00	31.40#
116.10	26.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(87) 4-Nitroaniline

7.978min (+0.096) 28.63ppm

response 186817

Ion	Exp%	Act%
138.10	100	100
92.10	53.30	60.39
108.10	76.00	80.97
0.00	0.00	0.00

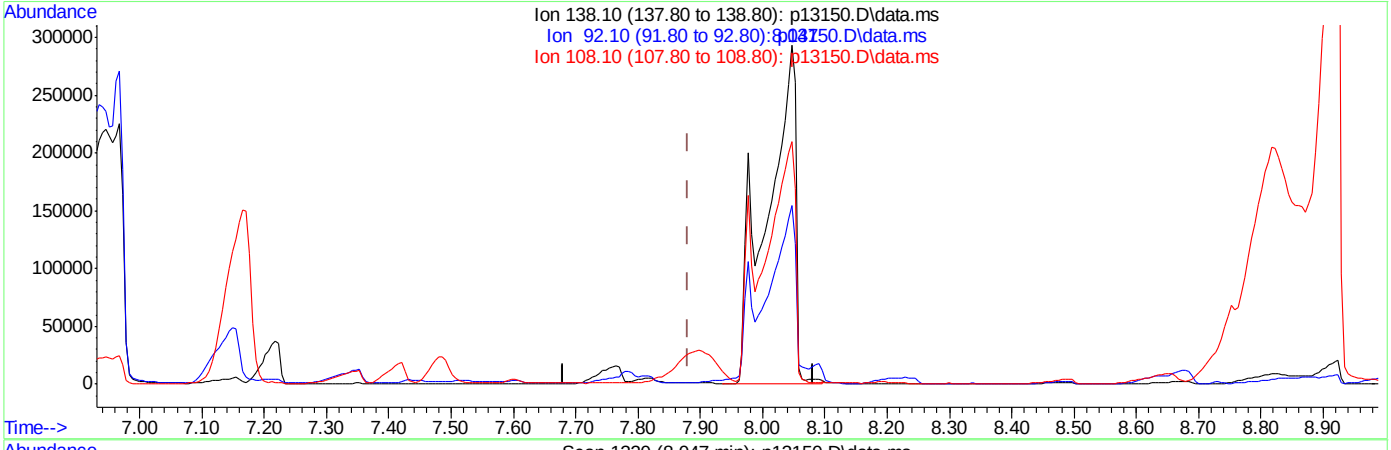
8.6.16.53

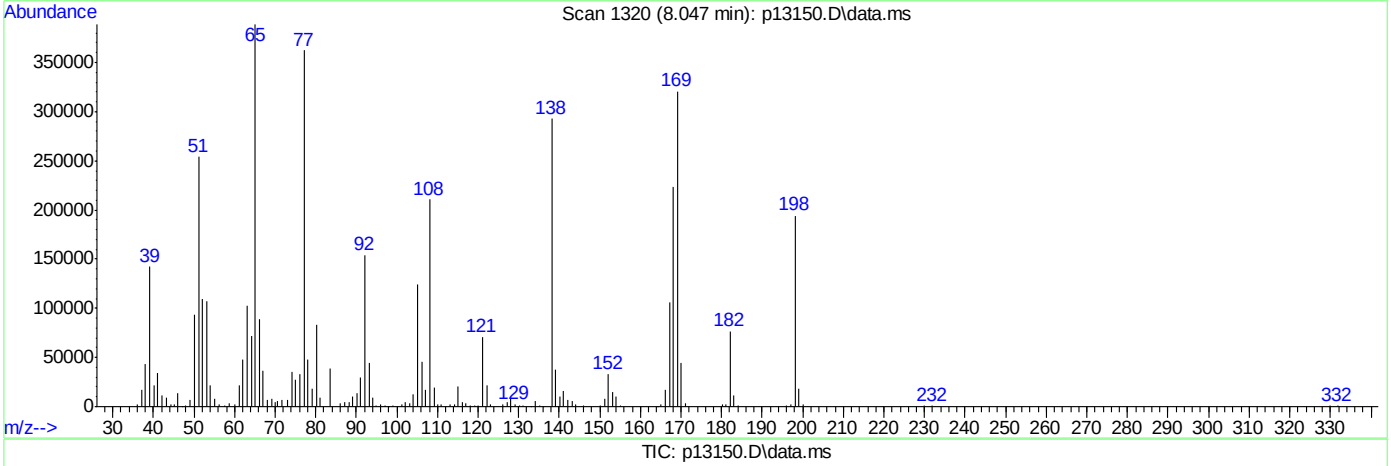
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(87) 4-Nitroaniline

8.047min (+0.166) 143.10ppm m

response 933628

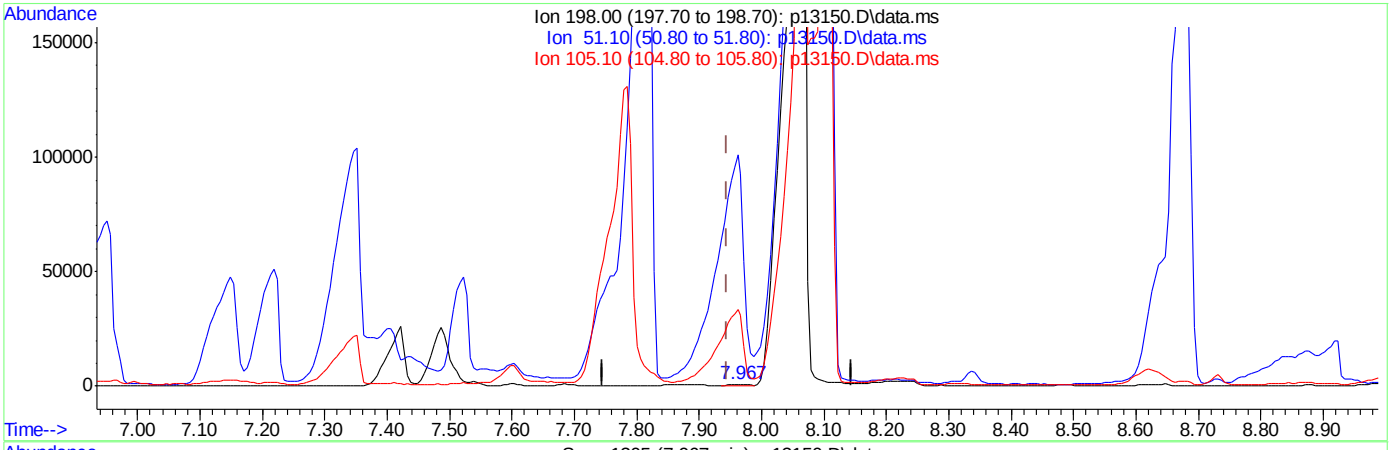
Ion	Exp%	Act%
138.10	100	100
92.10	53.30	12.08#
108.10	76.00	16.20#
0.00	0.00	0.00

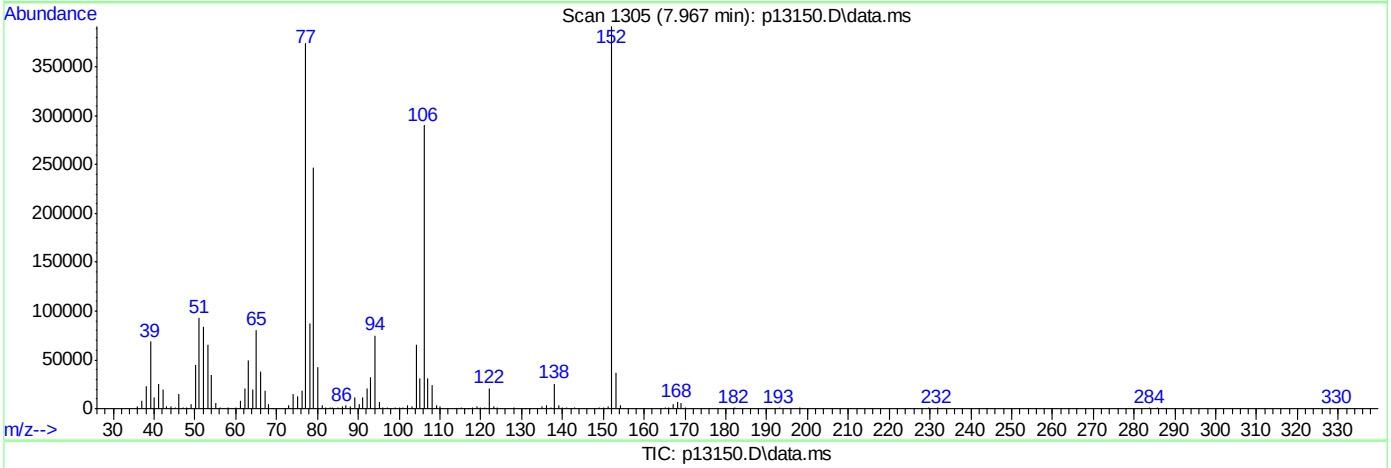
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(89) 4,6-Dinitro-2-methylphenol

7.967min (+0.021) 0.35ppm

response 1553

Ion	Exp%	Act%
198.00	100	100
51.10	63.30	19262.72#
105.10	47.30	5818.29#
0.00	0.00	0.00

8.6.16.55

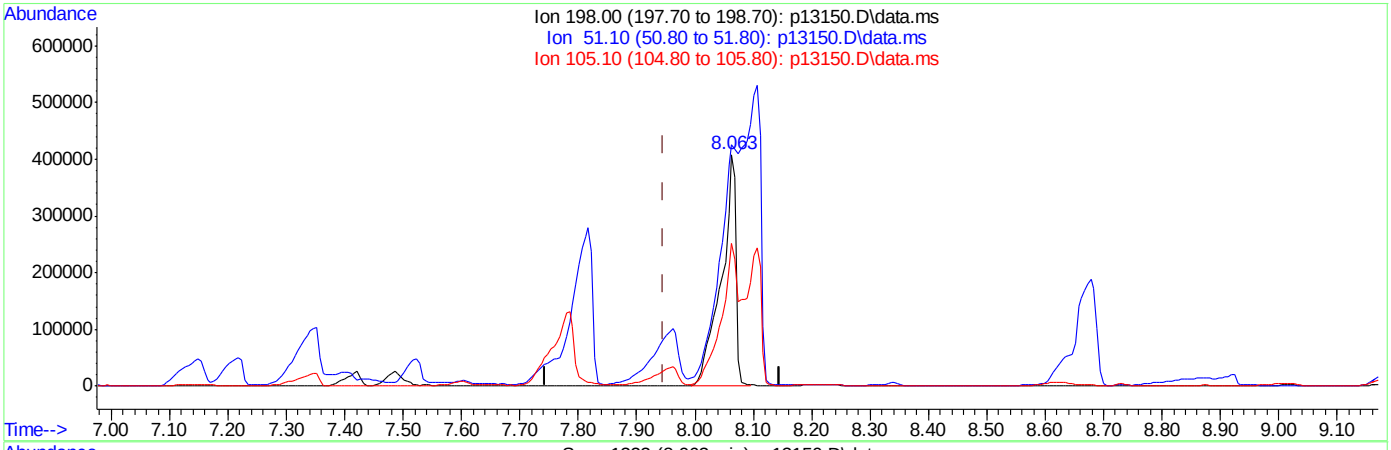
8

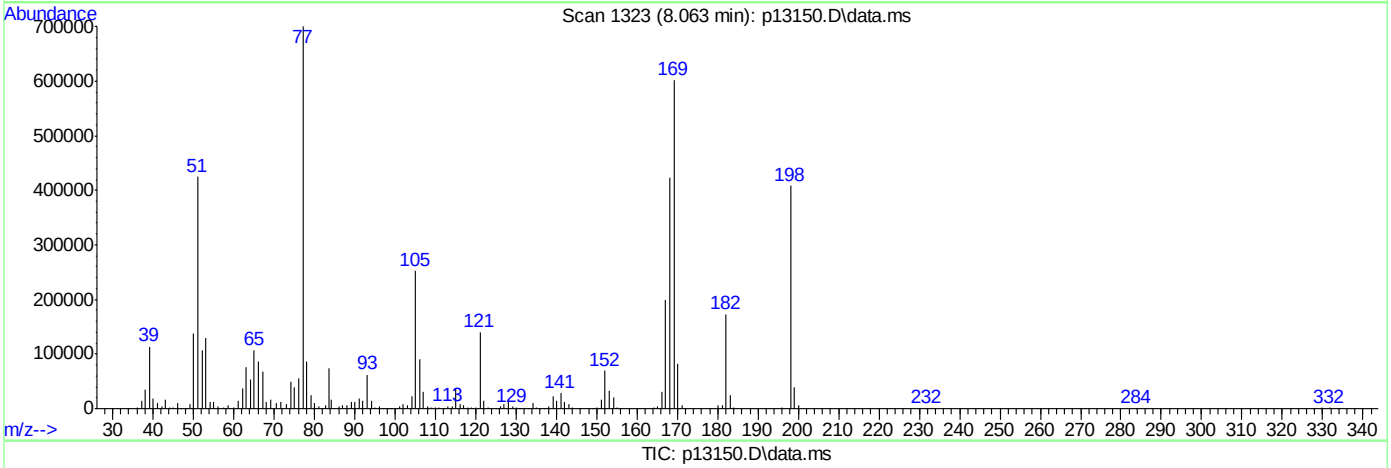
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(89) 4,6-Dinitro-2-methylphenol

8.063min (+0.118) 161.26ppm m

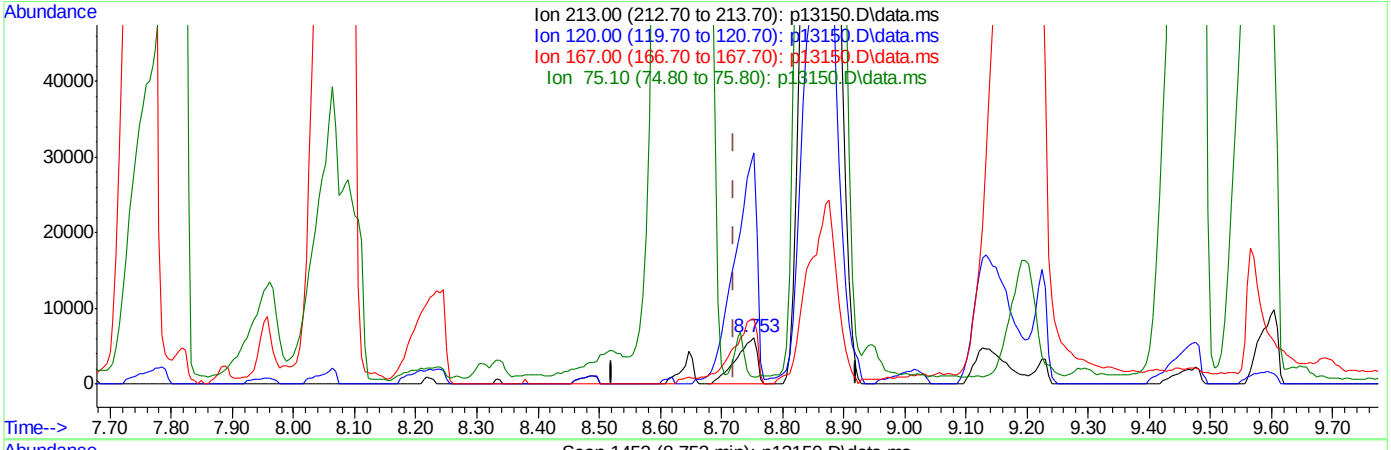
response 720252

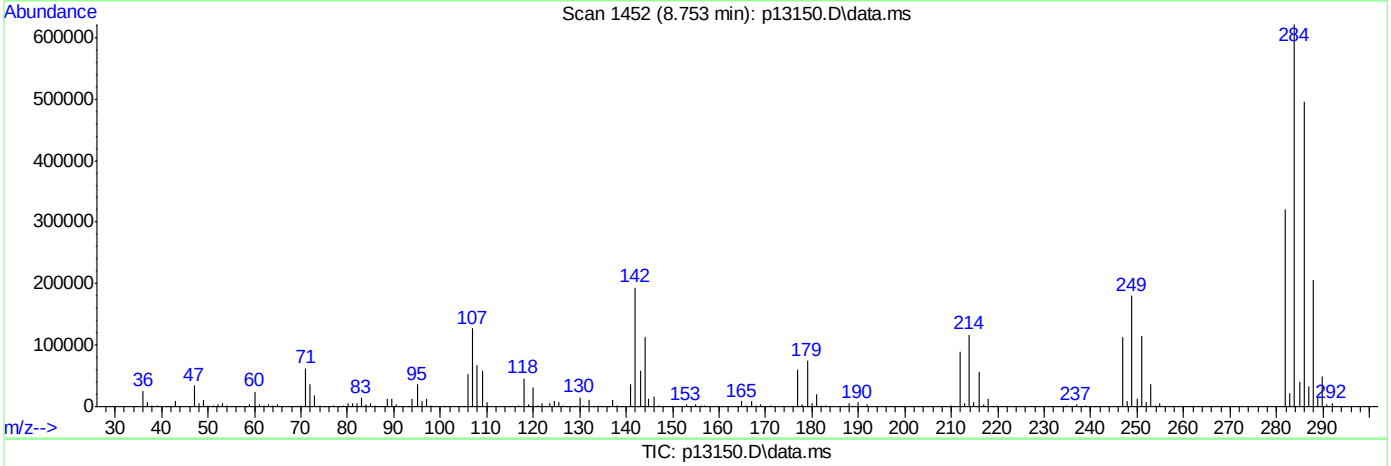
Ion	Exp%	Act%
198.00	100	100
51.10	63.30	41.53
105.10	47.30	12.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(95) sym-Trinitrobenzene

8.753min (+0.032) 3.85ppm

response 14776

Ion	Exp%	Act%
213.00	100	100
120.00	66.70	530.74#
167.00	0.00	163.04#
75.10	247.80	46.26#

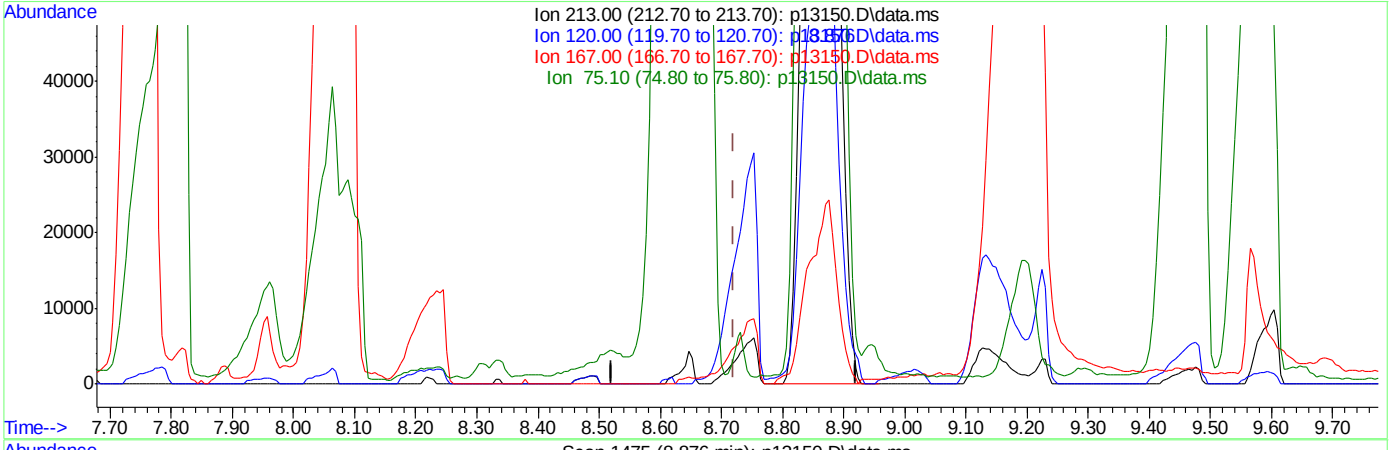
8.6.16.57

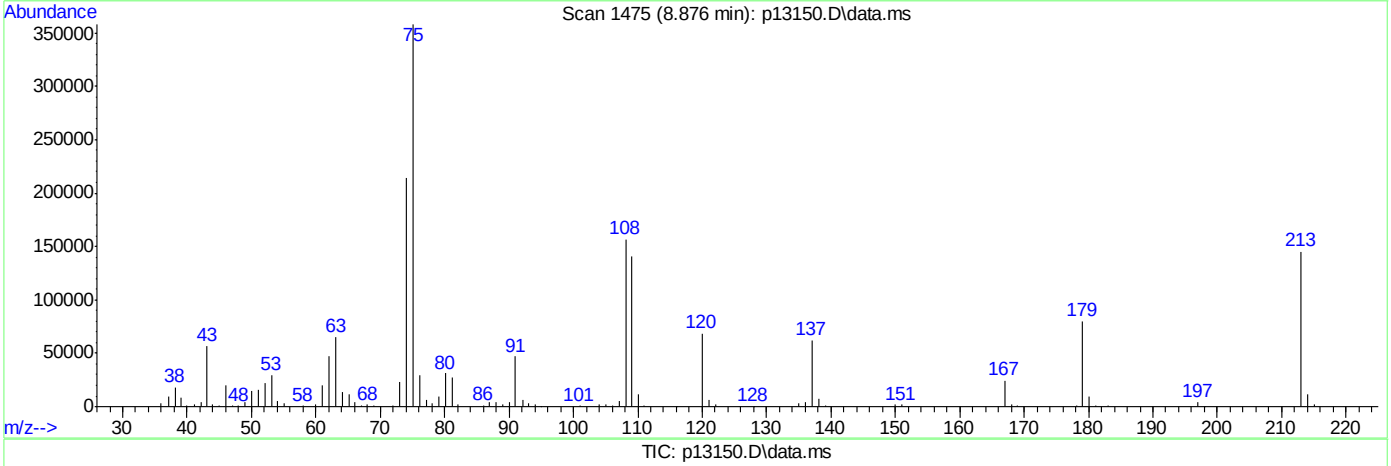
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(95) sym-Trinitrobenzene

8.876min (+0.155) 119.84ppm m

response 459619

Ion	Exp%	Act%
213.00	100	100
120.00	66.70	17.06#
167.00	0.00	5.24#
75.10	247.80	1.49#

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
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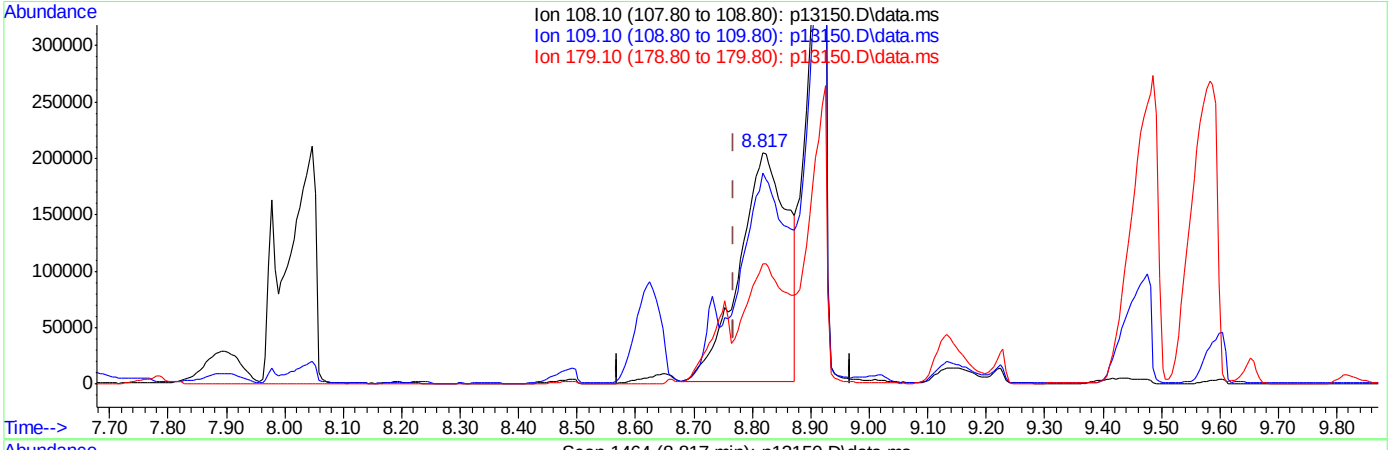
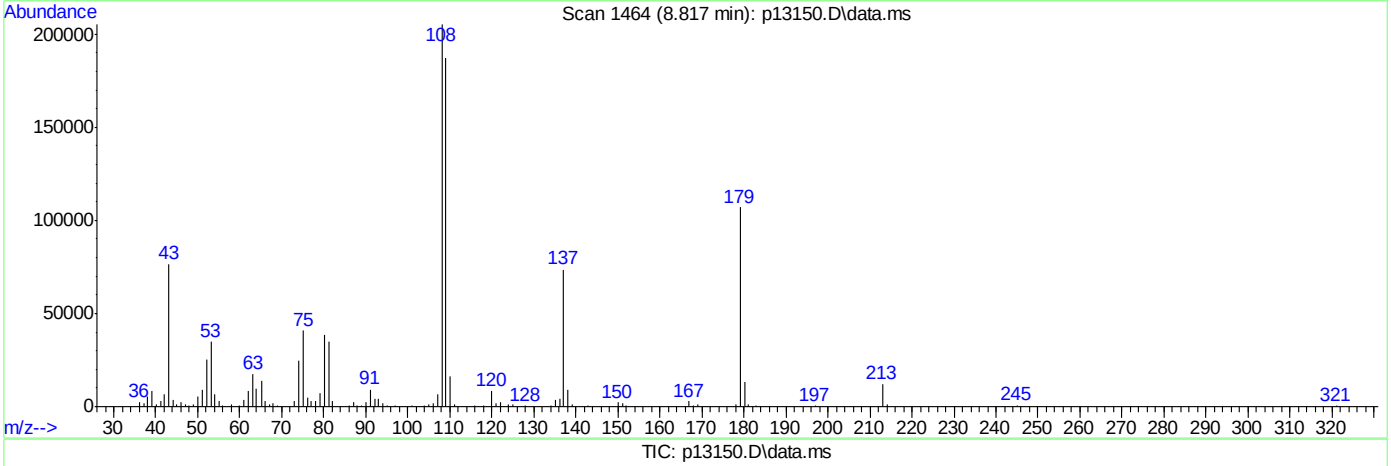




TIC: p13150.D\data.ms

(99) Phenacetin

8.817min (+0.048) 60.91ppm

response 1143379

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	79.05#
179.10	33.00	41.95#
0.00	0.00	0.00

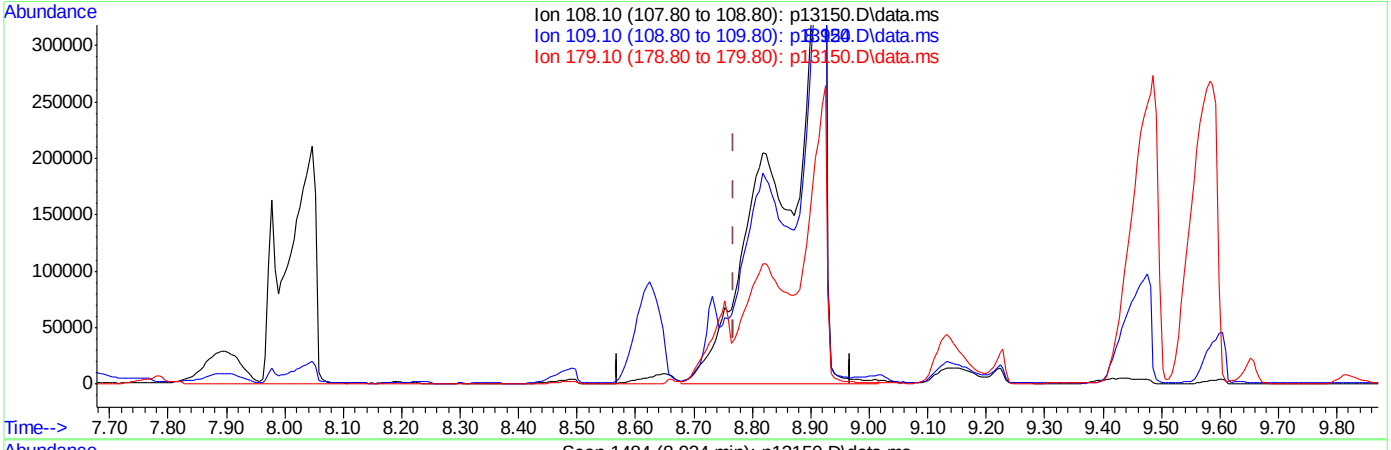
8.6.16.59

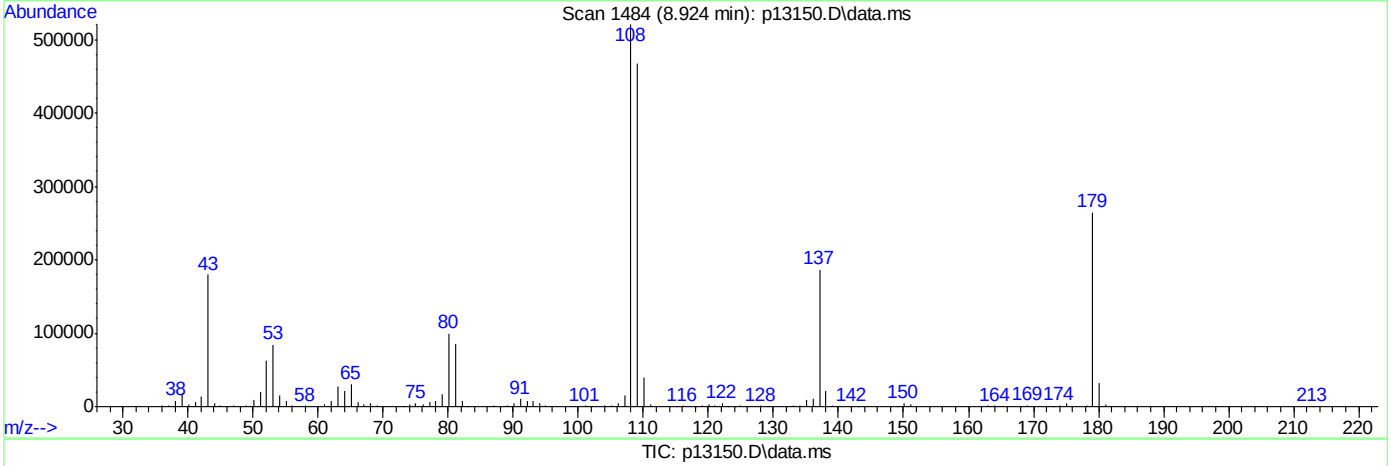
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(99) Phenacetin

8.924min (+0.155) 121.11ppm m

response 2273585

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	39.76#
179.10	33.00	21.10#
0.00	0.00	0.00

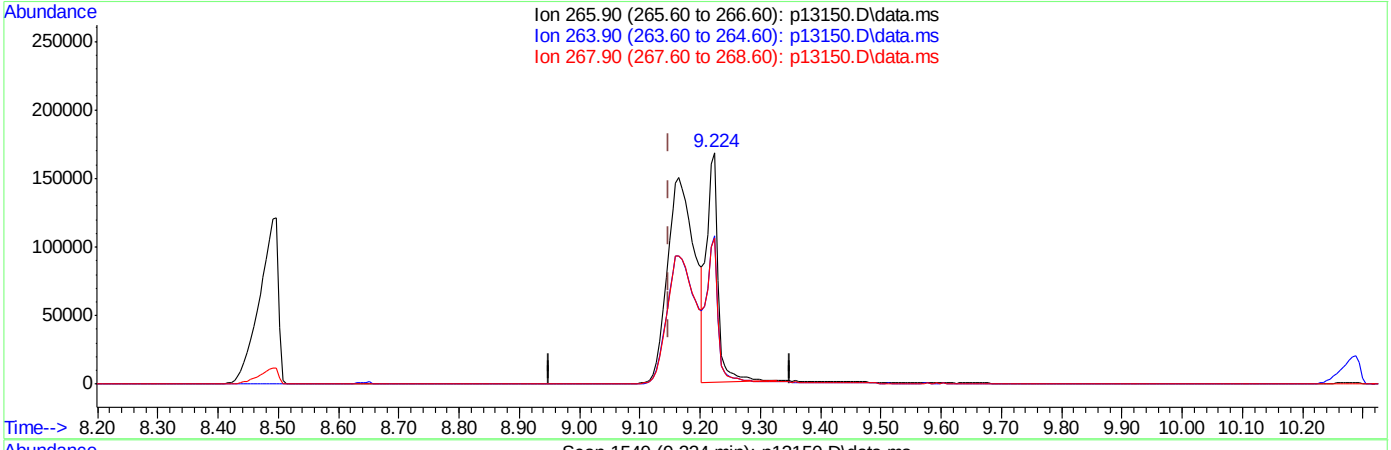
8.6.16.60

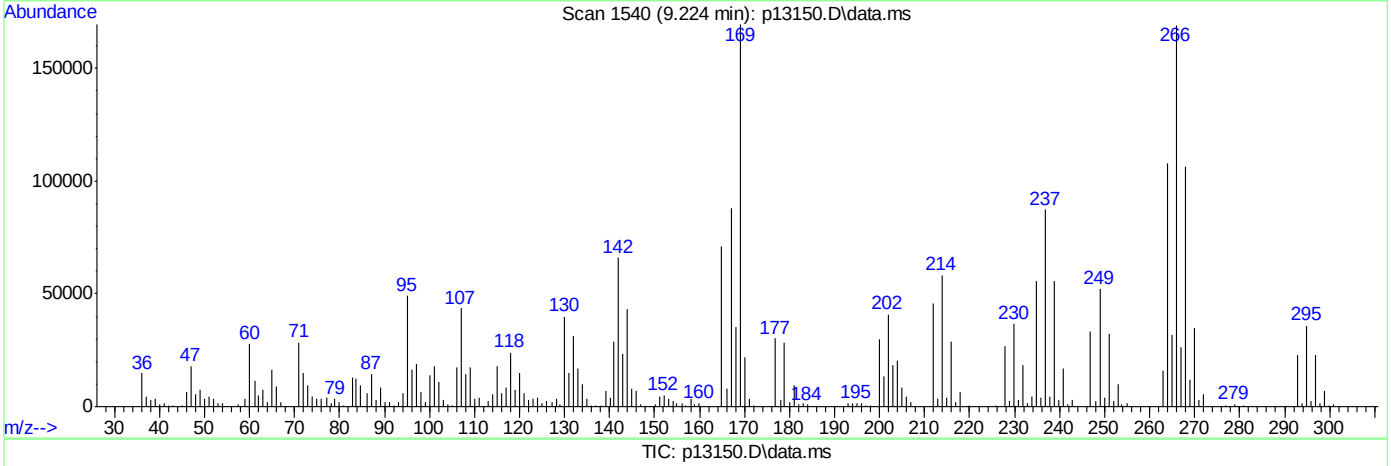
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(104) Pentachlorophenol (C)

9.224min (+0.075) 54.03ppm

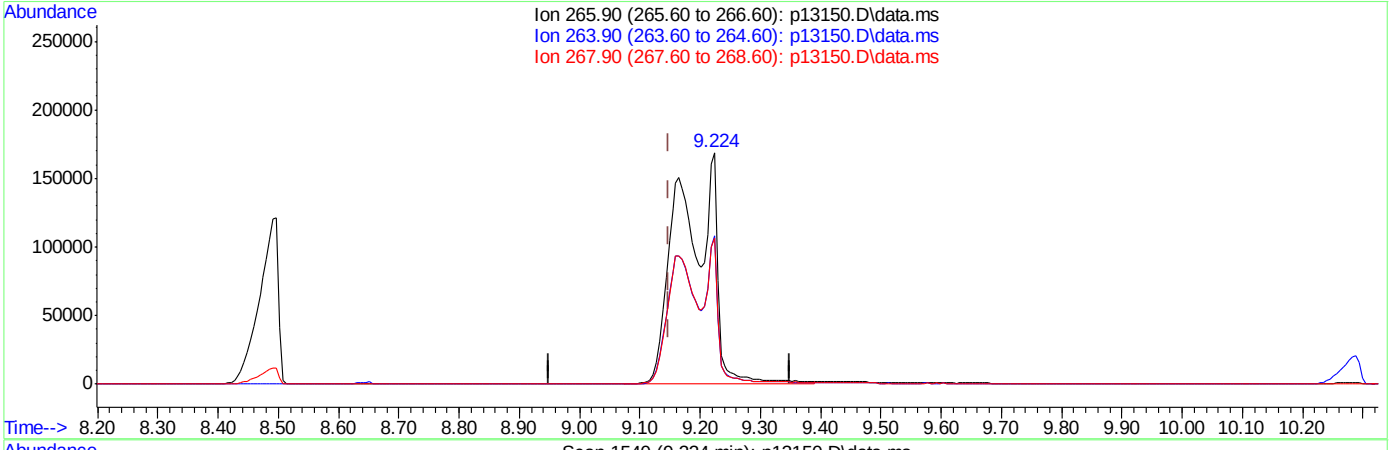
response 214769

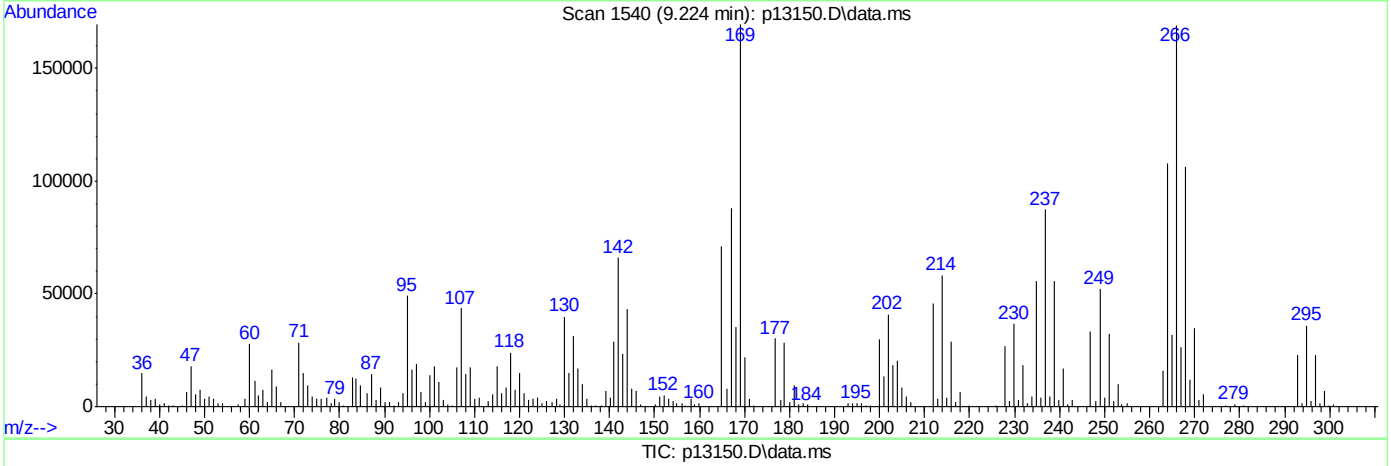
Ion	Exp%	Act%
265.90	100	100
263.90	64.30	63.17
267.90	63.20	63.10
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





(104) Pentachlorophenol (C)

9.224min (+0.075) 179.98ppm m

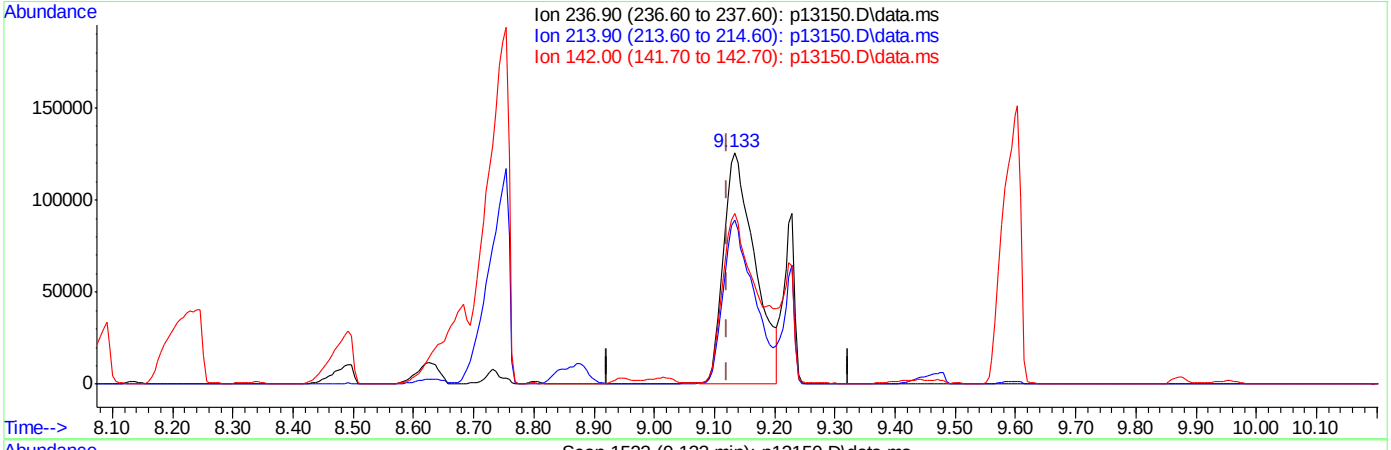
response 715422

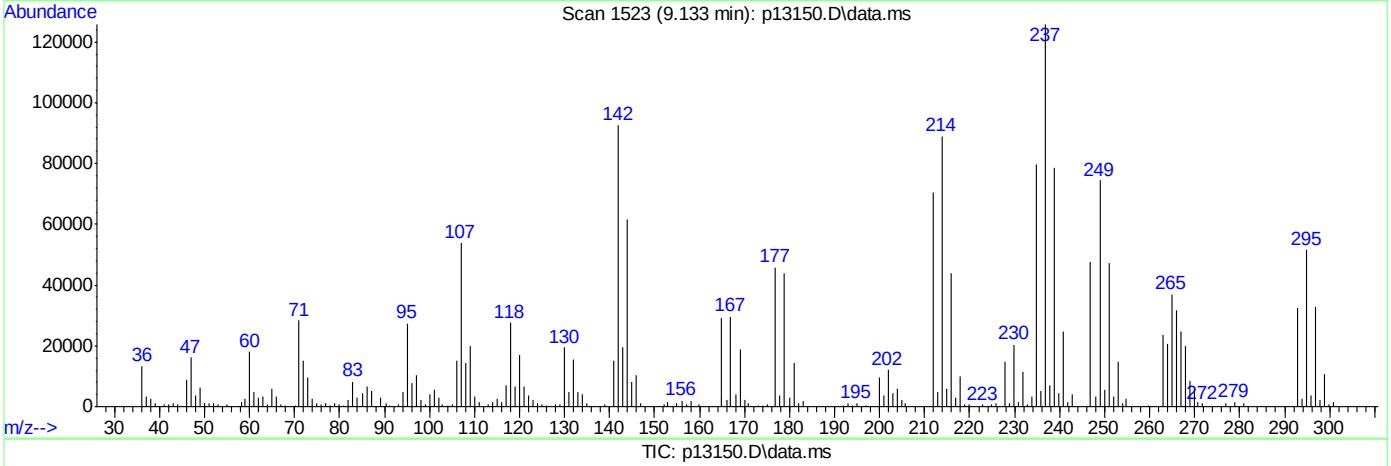
Ion	Exp%	Act%
265.90	100	100
263.90	64.30	18.96#
267.90	63.20	18.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(105) Pentachloronitrobenzene

9.133min (+0.011) 95.68ppm

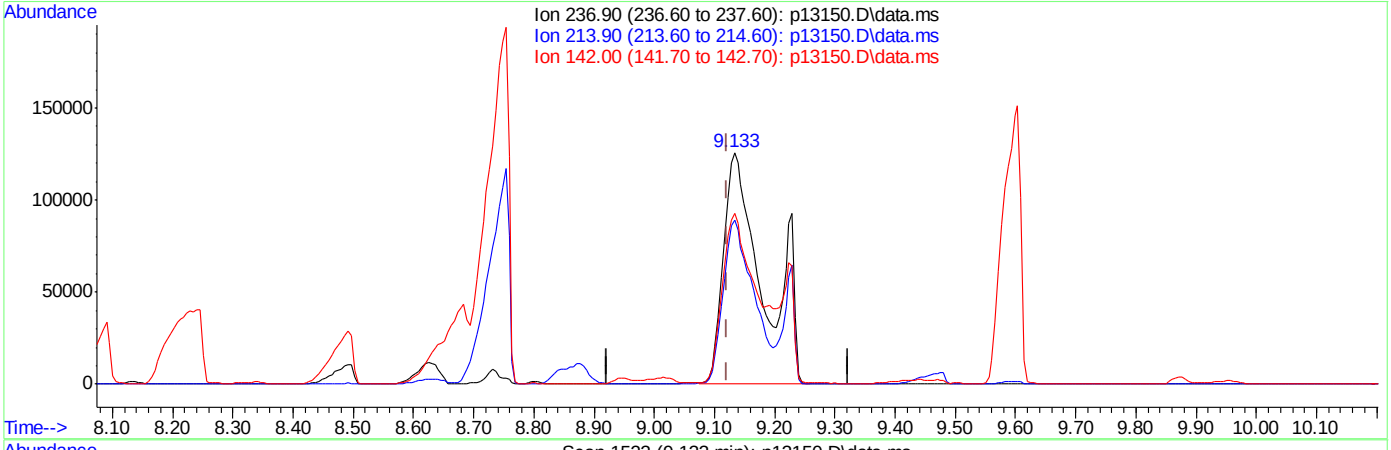
response 452901

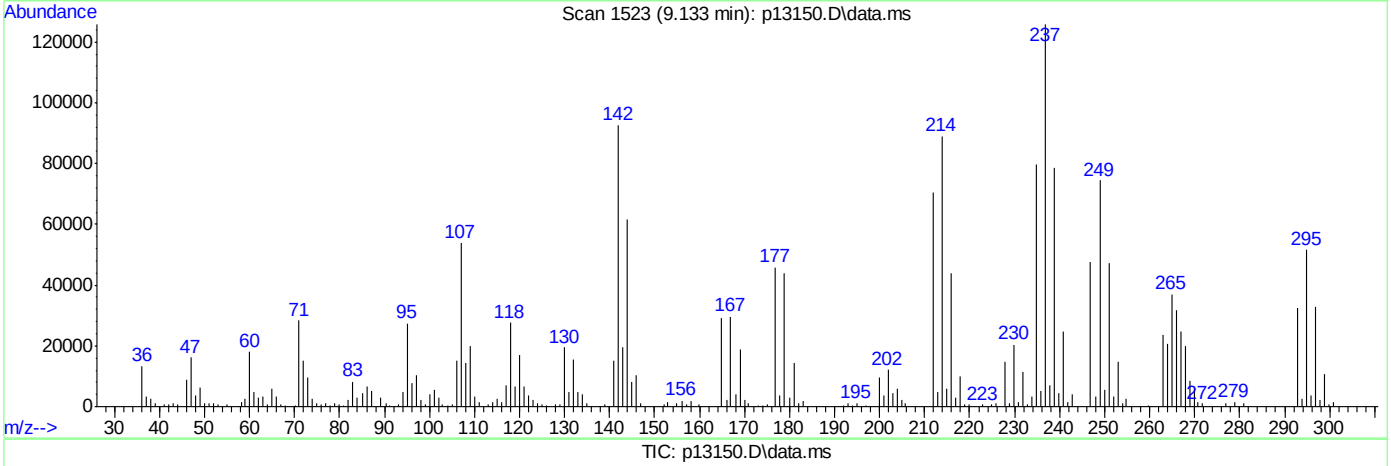
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	69.41
142.00	87.30	81.22
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(105) Pentachloronitrobenzene

9.133min (+0.011) 120.67ppm m

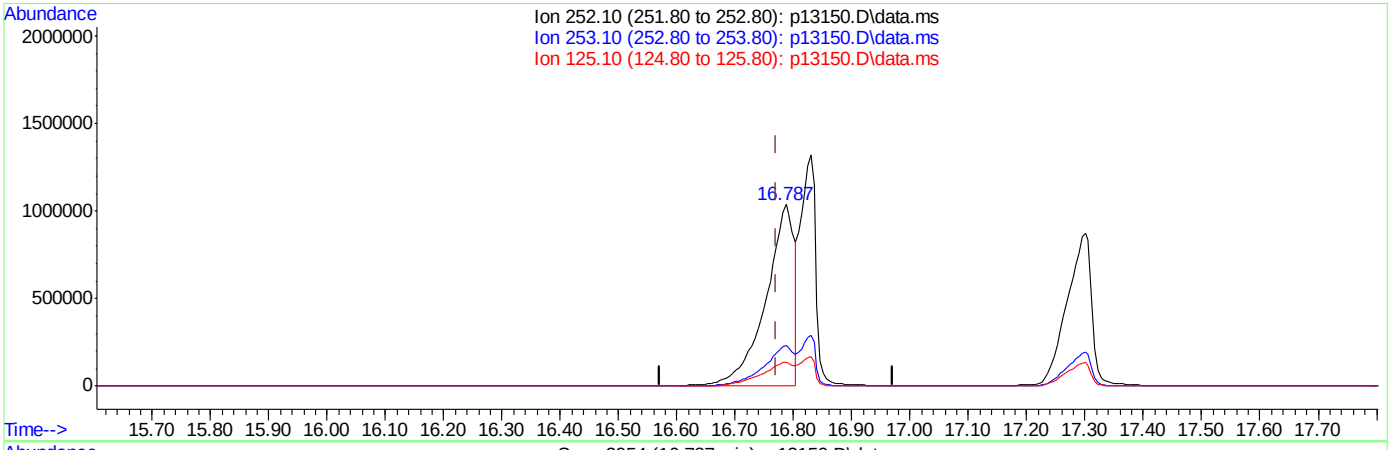
response 571180

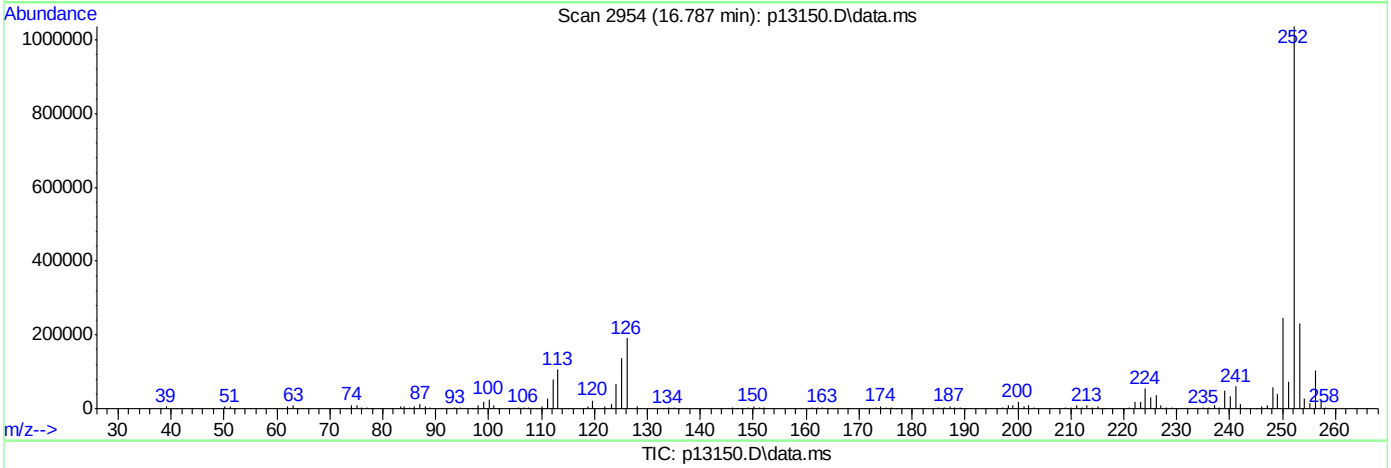
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	55.03#
142.00	87.30	64.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(137) Benzo[k]fluoranthene

16.787min (+0.016) 149.04ppm

response 3460889

Ion	Exp%	Act%
252.10	100	100
253.10	22.20	23.80
125.10	14.30	15.26
0.00	0.00	0.00

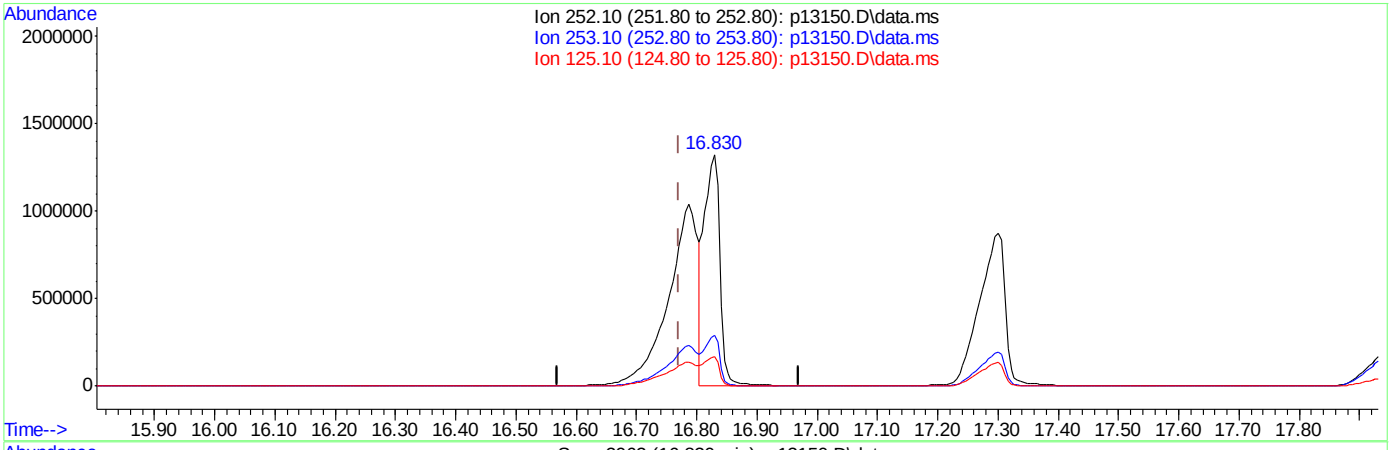
8.6.16.65

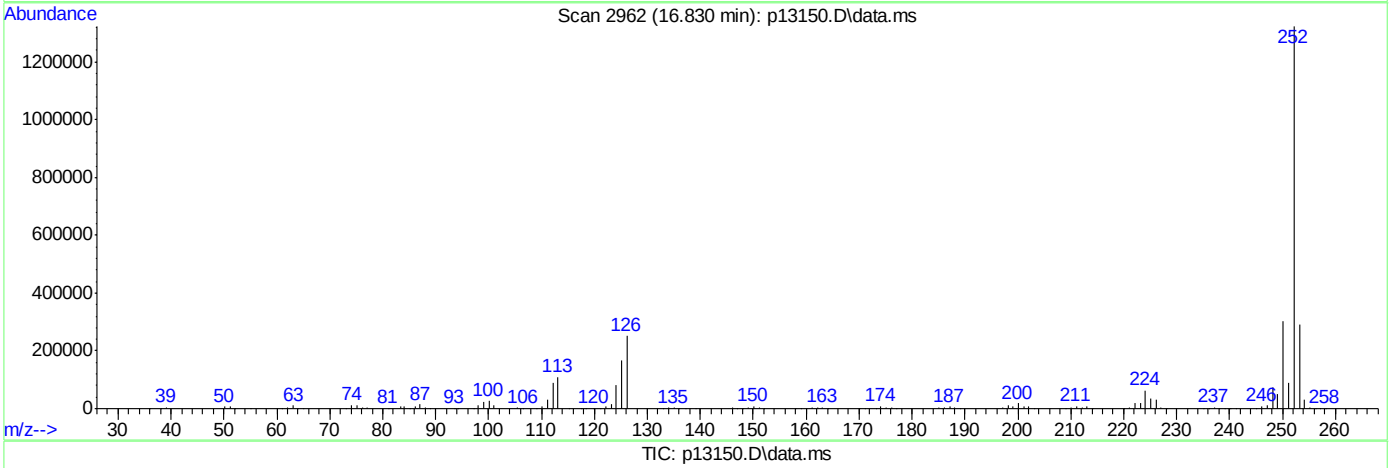
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(137) Benzo[k]fluoranthene

16.830min (+0.059) 104.73ppm m

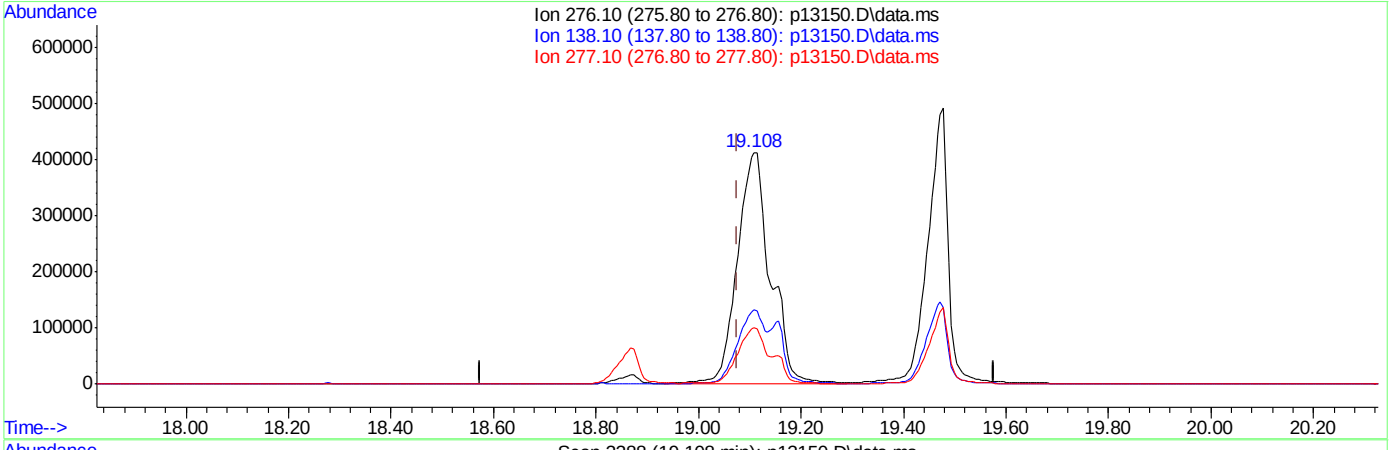
response 2431903

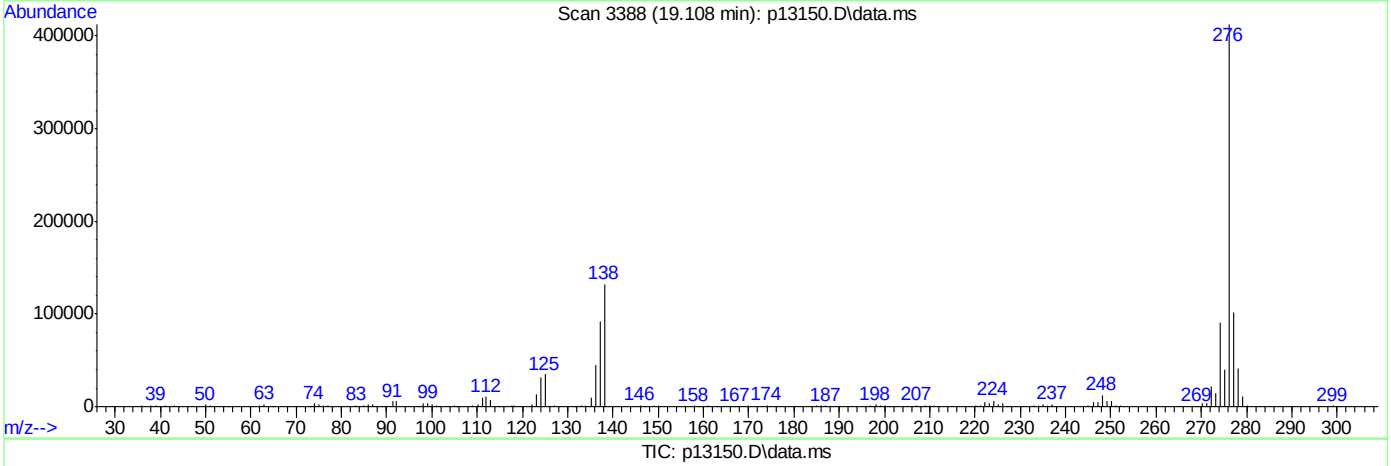
Ion	Exp%	Act%
252.10	100	100
253.10	22.20	33.86
125.10	14.30	21.72
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On    :  4 Sep 2010  11:55 am
Operator  : garyj
Sample    : ic621-125
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration
```





TIC: p13150.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.108min (+0.032) 136.78ppm

response 1838545

Ion	Exp%	Act%
276.10	100	100
138.10	29.00	26.45
277.10	22.90	20.17
0.00	0.00	0.00

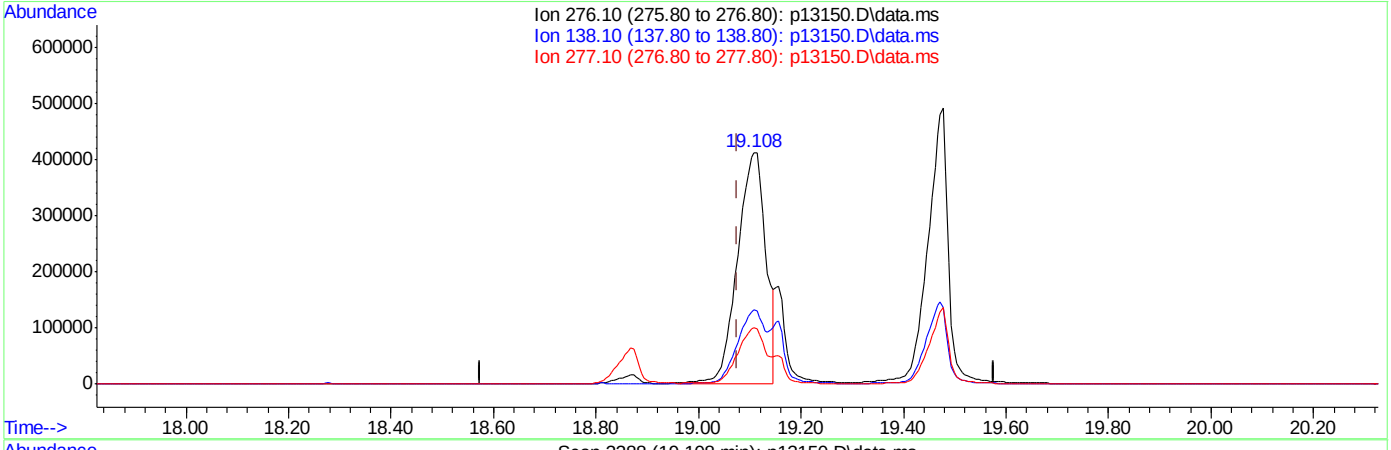
8.6.16.67

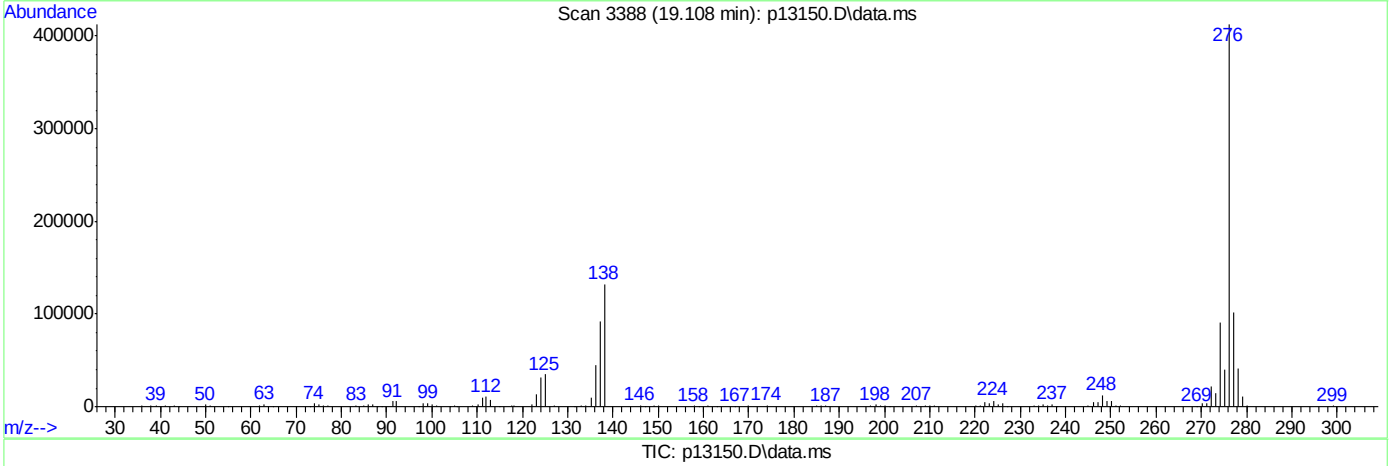
8

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13150.D
Acq On : 4 Sep 2010 11:55 am
Operator : garyj
Sample : ic621-125
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 12:15:48 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 11:57:22 2010
Response via : Initial Calibration





TIC: p13150.D\data.ms

(142) Indeno[1,2,3-cd]pyrene

19.108min (+0.032) 117.97ppm m

response 1585661

Ion	Exp%	Act%
276.10	100	100
138.10	29.00	30.67
277.10	22.90	23.39
0.00	0.00	0.00

8.6.16.68

8

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/05/10 09:29

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On : 4 Sep 2010 12:21 pm
Operator : garyj
Sample : icv621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 04 13:46:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.870	152	459993	40.00	ppm	0.01
31) Naphthalene-d8	4.870	136	1646615	40.00	ppm	0.00
57) Acenaphthene-d10	6.865	164	1107228	40.00	ppm	0.00
88) Phenanthrene-d10	9.368	188	1973343	40.00	ppm	0.00
118) Chrysene-d12	14.679	240	1867664	40.00	ppm	0.01
134) Perylene-d12	17.375	264	1181894	40.00	ppm	0.02
System Monitoring Compounds						
13) 2-Fluorophenol	0.000	112	0	0.00	ppm	
Spiked Amount 100.000	Range 10 - 66		Recovery = 0.00%#			
15) Phenol-d5	0.000	99	0d	0.00	ppm	
Spiked Amount 100.000	Range 10 - 53		Recovery = 0.00%#			
32) Nitrobenzene-d5	0.000	82	0d	0.00	ppm	
Spiked Amount 50.000	Range 29 - 115		Recovery = 0.00%#			
61) 2-Fluorobiphenyl	0.000	172	0d	0.00	ppm	
Spiked Amount 50.000	Range 34 - 113		Recovery = 0.00%#			
93) 2,4,6-Tribromophenol	0.000	330	0	0.00	ppm	
Spiked Amount 100.000	Range 32 - 128		Recovery = 0.00%#			
121) Terphenyl-d14	0.000	244	0d	0.00	ppm	
Spiked Amount 50.000	Range 12 - 145		Recovery = 0.00%#			
Target Compounds						Qvalue
4) N-nitrosodimethylamine	1.484	42	387683m	55.69	ppm	
5) Pyridine	1.452	79	632815m	45.68	ppm	
12) Aniline	3.629	93	769973	34.78	ppm	96
14) bis(2-Chloroethyl)ether	3.693	93	894104	55.20	ppm	76
16) Phenol	3.709	94	1049885	58.94	ppm	81
17) 2-Chlorophenol	3.741	128	784546	55.91	ppm	95
18) 1,3-Dichlorobenzene	3.822	146	893595	52.75	ppm	99
19) 1,4-Dichlorobenzene	3.886	146	893792	51.13	ppm	99
20) 1,2-Dichlorobenzene	3.998	146	866824	52.29	ppm	99
21) Benzyl alcohol	4.036	108	564099	54.04	ppm	99
22) bis(2-chloroisopropyl)...	4.121	45	1312002	47.72	ppm	93
23) 2-Methylphenol	4.153	108	754242	51.05	ppm #	19
28) Hexachloroethane	4.249	117	370195	59.32	ppm	96
29) N-Nitroso-di-n-propyla...	4.244	70	641546	54.15	ppm	98
30) 3&4-Methylphenol	4.292	108	1437253	97.28	ppm	98
33) Nitrobenzene	4.330	77	971438	62.00	ppm	99
36) Isophorone	4.533	82	1832440	53.58	ppm	100
37) 2-Nitrophenol	4.576	139	424388	60.47	ppm	99
38) 2,4-Dimethylphenol	4.672	107	793694	50.23	ppm	99
39) bis(2-Chloroethoxy)met...	4.715	93	1013810	48.07	ppm	93
41) Benzoic Acid	4.891	105	490849	67.97	ppm	78
42) 2,4-Dichlorophenol	4.800	162	693163	58.24	ppm	99
43) 1,2,4-Trichlorobenzene	4.827	180	790993	53.80	ppm	99
44) Naphthalene	4.886	128	2162577	55.12	ppm	100
45) 4-Chloroaniline	4.955	127	559169	32.23	ppm	91
48) Hexachlorobutadiene	5.014	225	540437	58.81	ppm	99
52) 4-Chloro-3-methylphenol	5.474	107	782943	56.37	ppm	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On : 4 Sep 2010 12:21 pm
Operator : garyj
Sample : icv621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 04 13:46:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration

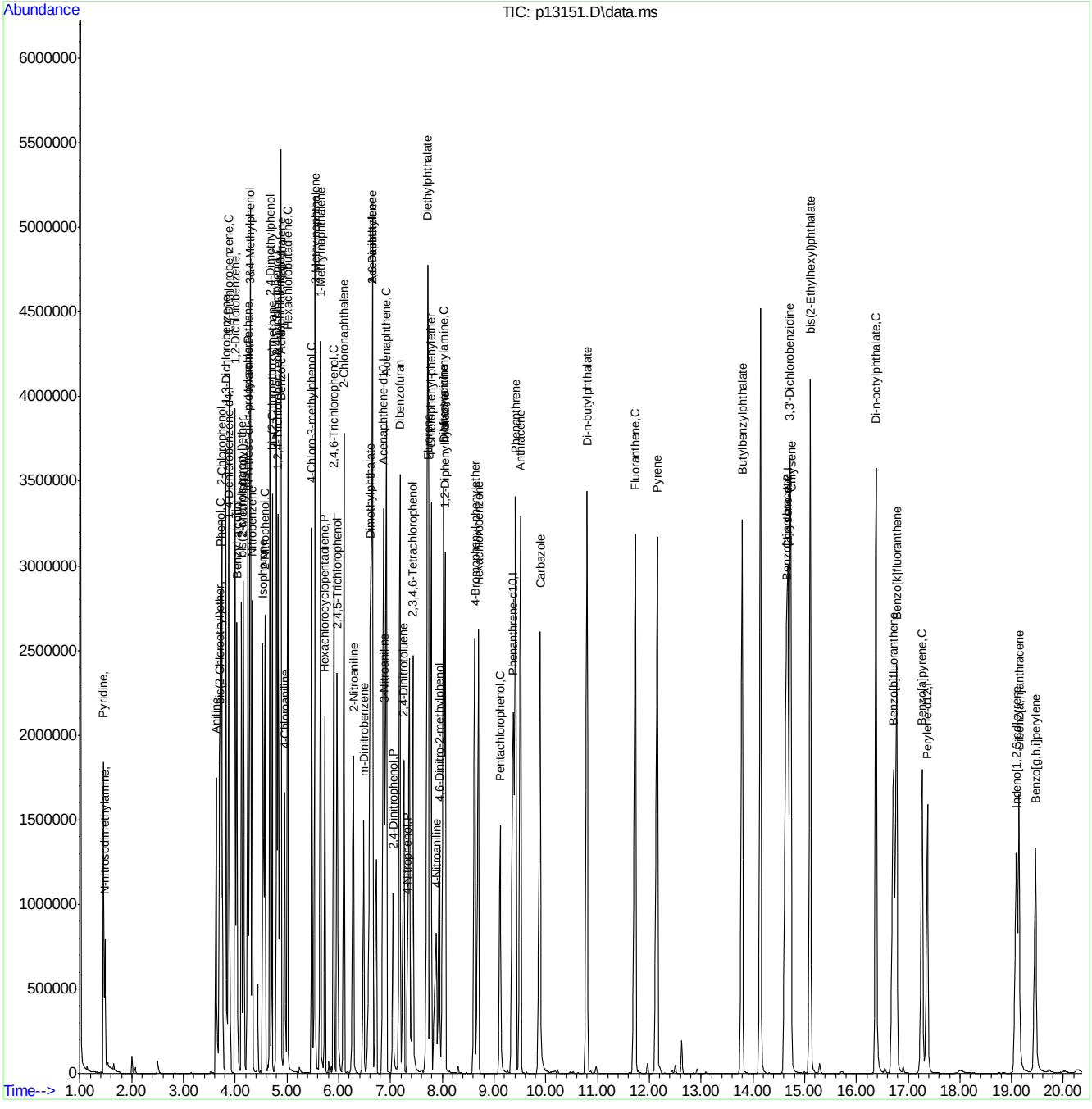
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54)	2-Methylnaphthalene	5.549	142	1540285	49.55	ppm		99
55)	1-Methylnaphthalene	5.651	142	1548919	52.32	ppm		99
58)	Hexachlorocyclopentadiene	5.731	237	365543	84.54	ppm	#	100
59)	2,4,6-Trichlorophenol	5.902	196	543251	61.86	ppm		99
60)	2,4,5-Trichlorophenol	5.966	196	571417	72.06	ppm		99
64)	2-Chloronaphthalene	6.105	162	1559782	56.95	ppm	#	100
66)	2-Nitroaniline	6.287	65	633752	58.90	ppm		99
68)	Acenaphthylene	6.656	152	2502788	59.94	ppm		100
69)	Dimethylphthalate	6.614	163	1975245	56.07	ppm		100
70)	m-Dinitrobenzene	6.485	168	309654	58.86	ppm		99
71)	2,6-Dinitrotoluene	6.656	165	438008	56.23	ppm		92
72)	Acenaphthene	6.918	153	1570861	57.36	ppm		100
73)	3-Nitroaniline	6.886	138	356470	47.34	ppm		99
74)	2,4-Dinitrophenol	7.052	184	233453	61.43	ppm		98
75)	Dibenzofuran	7.181	168	2309026	55.82	ppm		100
77)	2,4-Dinitrotoluene	7.261	165	623618	57.64	ppm		99
78)	4-Nitrophenol	7.325	109	258160	57.20	ppm		88
81)	2,3,4,6-Tetrachlorophenol	7.437	232	489888	60.36	ppm		99
82)	Fluorene	7.731	166	1870381	57.77	ppm		99
83)	4-Chlorophenyl-phenyle...	7.785	204	997902	56.98	ppm		98
84)	Diethylphthalate	7.715	149	2008023	54.17	ppm		99
87)	4-Nitroaniline	7.887	138	413919	49.36	ppm		94
89)	4,6-Dinitro-2-methylph...	7.945	198	331558	59.59	ppm		100
90)	n-Nitrosodiphenylamine	8.026	169	1358983	52.80	ppm		99
91)	1,2-Diphenylhydrazine	8.058	77	2440820	58.31	ppm		99
92)	Diphenylamine	8.026	169	1358983	52.80	ppm		99
98)	4-Bromophenyl-phenylether	8.630	248	593873	58.11	ppm		96
100)	Hexachlorobenzene	8.700	284	659699	60.18	ppm		99
104)	Pentachlorophenol	9.117	266	312765	57.21	ppm		99
107)	Phenanthrene	9.422	178	2662211	58.81	ppm		97
108)	Anthracene	9.513	178	2642955	56.70	ppm		99
110)	Carbazole	9.892	167	2582319	54.15	ppm		100
112)	Di-n-butylphthalate	10.802	149	3692447	55.53	ppm		100
117)	Fluoranthene	11.732	202	3138300	57.93	ppm		99
120)	Pyrene	12.160	202	3213313	55.20	ppm		99
128)	Butylbenzylphthalate	13.797	149	1675411	56.83	ppm		99
130)	3,3'-Dichlorobenzidine	14.717	252	566497	38.36	ppm		98
131)	Benzo[a]anthracene	14.647	228	2766627	57.67	ppm		100
132)	Chrysene	14.738	228	2500827	57.14	ppm		100
133)	bis(2-Ethylhexyl)phtha...	15.113	149	2278007	56.30	ppm		100
135)	Di-n-octylphthalate	16.380	149	3409041	51.36	ppm		99
136)	Benzo[b]fluoranthene	16.717	252	2120287	55.65	ppm		97
137)	Benzo[k]fluoranthene	16.781	252	1868055	57.10	ppm		99
140)	Benzo[a]pyrene	17.273	252	1622864	51.00	ppm		100
142)	Indeno[1,2,3-cd]pyrene	19.092	276	1313592	61.51	ppm		96
143)	Dibenz[a,h]anthracene	19.145	278	1384452	64.16	ppm		97
144)	Benzo[g,h,i]perylene	19.466	276	1278927	58.56	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On : 4 Sep 2010 12:21 pm
Operator : garyj
Sample : icv621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

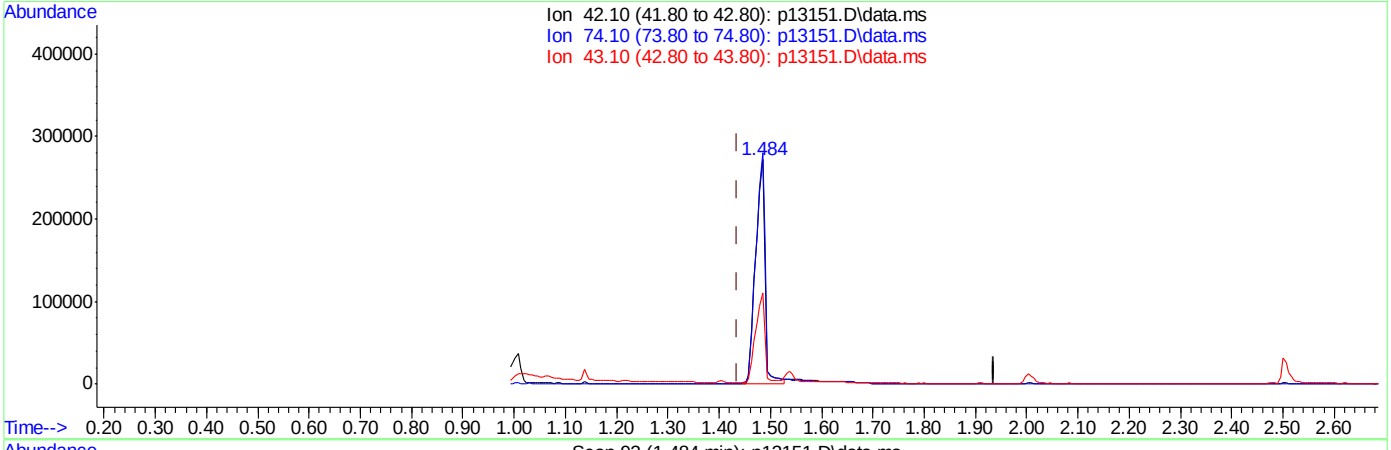
Quant Time: Sep 04 13:46:53 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration

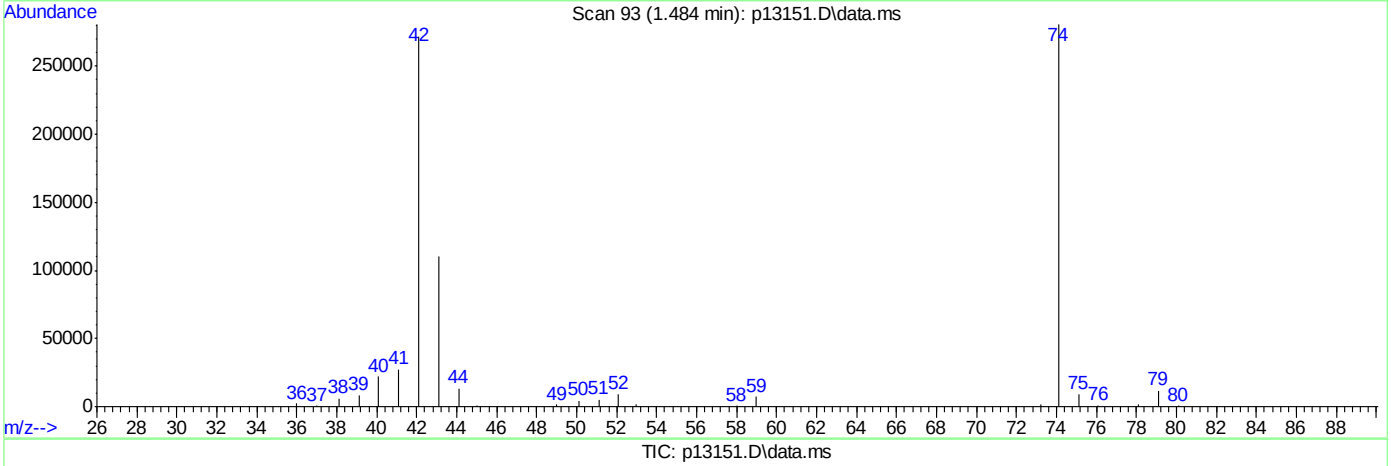


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On    :  4 Sep 2010  12:21 pm
Operator  : garyj
Sample    : icv621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Sep 04 13:45:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration
```





TIC: p13151.D\data.ms

(4) N-nitrosodimethylamine ( )

1.484min (+0.048) 50.37ppm

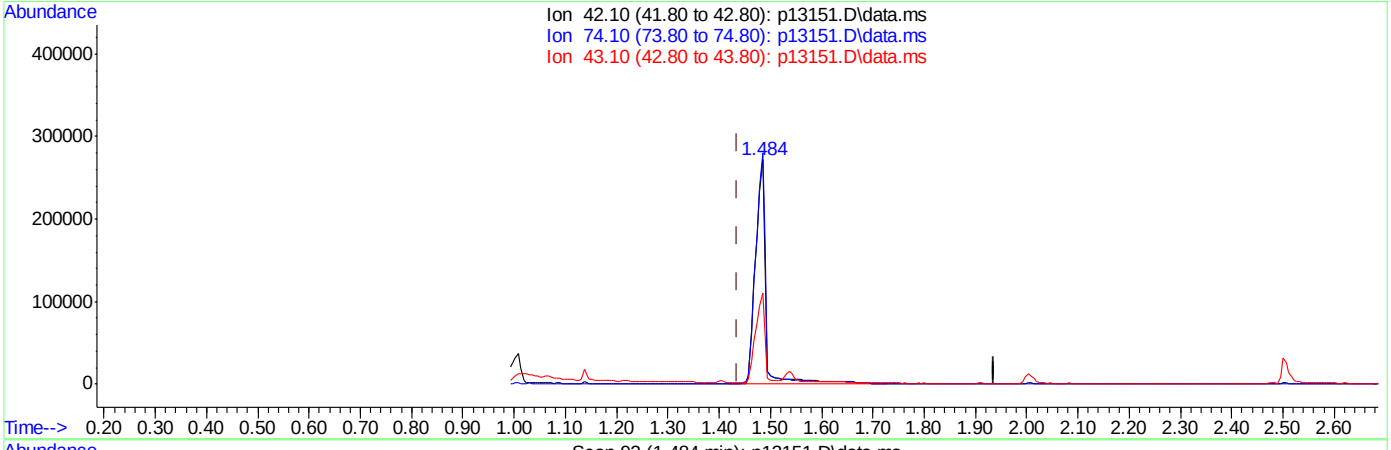
response 350649

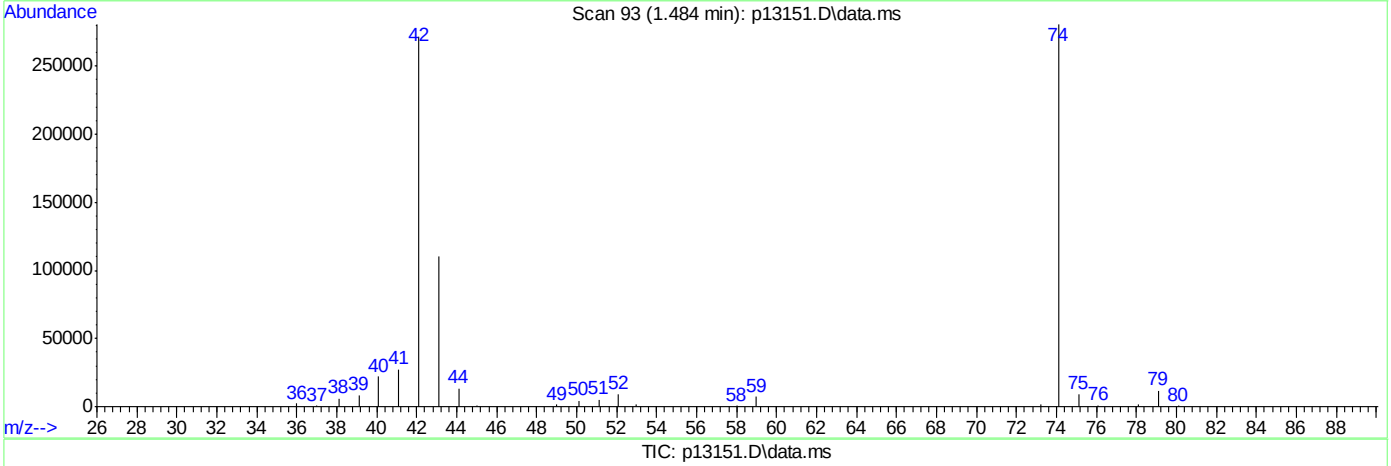
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	105.83
43.10	31.90	39.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On : 4 Sep 2010 12:21 pm
Operator : garyj
Sample : icv621-50
Misc : op13254,Ep621,1000,,,1,1,water
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 04 13:45:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration





TIC: p13151.D\data.ms

(4) N-nitrosodimethylamine ( )

1.484min (+0.048) 55.69ppm m

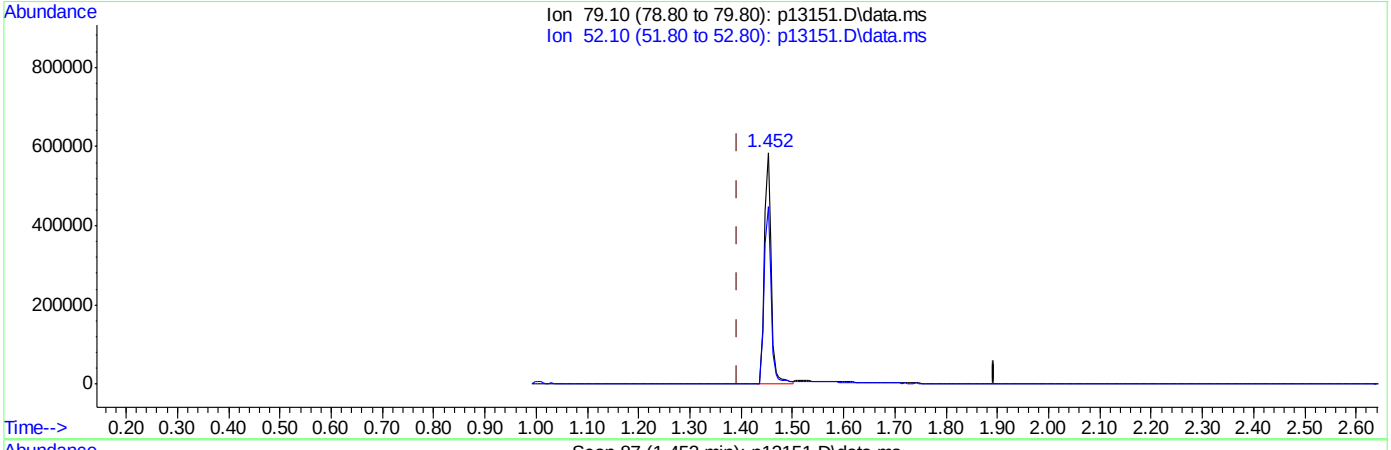
response 387683

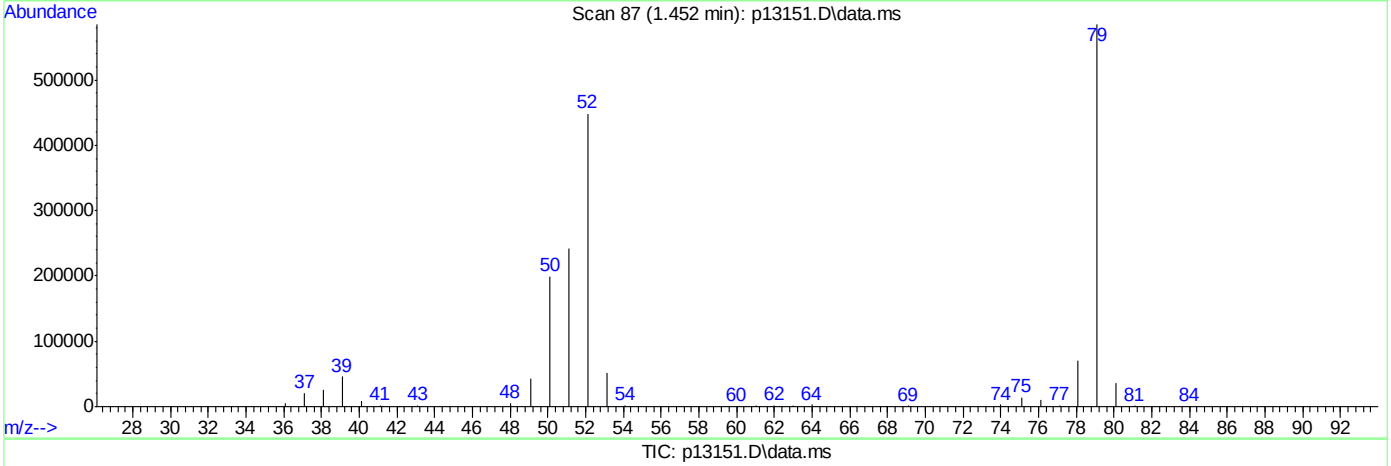
Ion	Exp%	Act%
42.10	100	100
74.10	97.60	95.72
43.10	31.90	35.48
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On    :  4 Sep 2010  12:21 pm
Operator  : garyj
Sample    : icv621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Sep 04 13:45:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration
```





TIC: p13151.D\data.ms

(5) Pyridine ( )

1.452min (+0.059) 40.02ppm

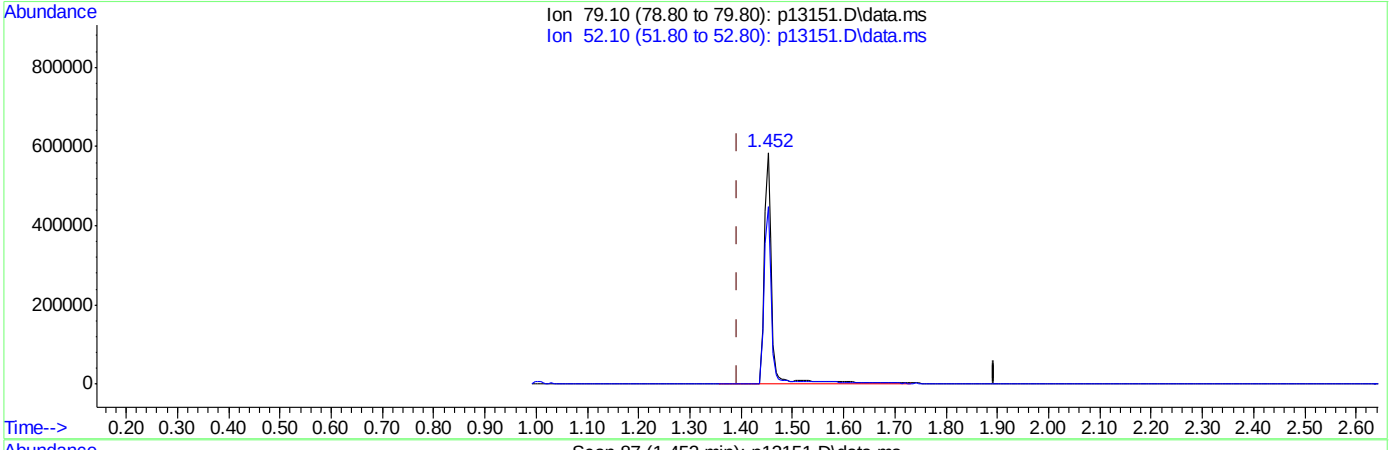
response 554457

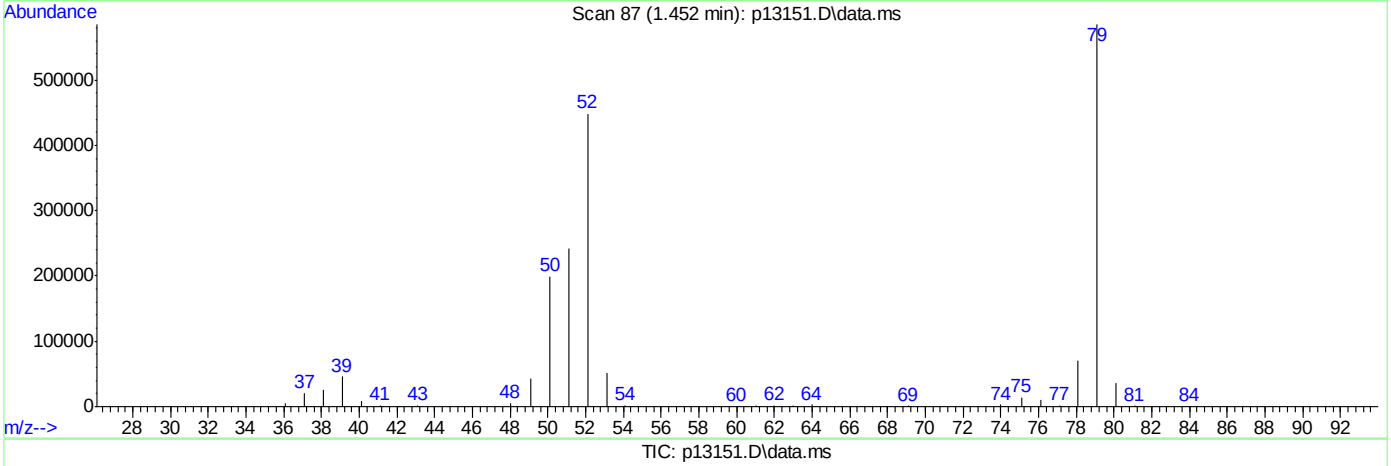
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	79.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep621\
Data File : p13151.D
Acq On    :  4 Sep 2010  12:21 pm
Operator  : garyj
Sample    : icv621-50
Misc      : op13254,Ep621,1000,,,1,1,water
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Sep 04 13:45:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Sat Sep 04 12:22:14 2010
Response via : Initial Calibration
```





TIC: p13151.D\data.ms

(5) Pyridine ( )

1.452min (+0.059) 45.68ppm m

response 632815

Ion	Exp%	Act%
79.10	100	100
52.10	62.20	69.46
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/07/10 12:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.795	152	386625	40.00	ppm	0.00
31) Naphthalene-d8	4.795	136	1454173	40.00	ppm	0.00
57) Acenaphthene-d10	6.742	164	1047160	40.00	ppm	0.00
88) Phenanthrene-d10	9.235	188	1942359	40.00	ppm	0.00
118) Chrysene-d12	14.514	240	1944096	40.00	ppm	0.00
134) Perylene-d12	17.199	264	1144827	40.00	ppm	0.00
System Monitoring Compounds						
13) 2-Fluorophenol	2.773	112	2200132m	205.59	ppm	-0.02
Spiked Amount 100.000	Range 10 - 66		Recovery = 205.59%#			
15) Phenol-d5	3.635	99	2683349	196.36	ppm	0.00
Spiked Amount 100.000	Range 10 - 53		Recovery = 196.36%#			
32) Nitrobenzene-d5	4.260	82	1377348	104.64	ppm	0.00
Spiked Amount 50.000	Range 29 - 115		Recovery = 209.28%#			
61) 2-Fluorobiphenyl	5.902	172	2753731	100.18	ppm	0.00
Spiked Amount 50.000	Range 34 - 113		Recovery = 200.36%#			
93) 2,4,6-Tribromophenol	8.042	330	1064999	221.33	ppm	0.00
Spiked Amount 100.000	Range 32 - 128		Recovery = 221.33%#			
121) Terphenyl-d14	12.508	244	3320506	92.47	ppm	-0.02
Spiked Amount 50.000	Range 12 - 145		Recovery = 184.94%#			
Target Compounds						Qvalue
2) bis(Chloromethyl)ether	1.094	79	361444	48.32	ppm	98
3) 1,4-Dioxane	1.099	88	206012m	50.80	ppm	
4) N-nitrosodimethylamine	1.361	42	279854m	47.83	ppm	
5) Pyridine	1.308	79	585461m	50.28	ppm	
6) 2-Picoline	2.083	93	621250m	50.34	ppm	
7) N-Nitrosomethylethylamine	2.260	42	369737m	47.20	ppm	
8) Methyl methanesulfonate	2.597	80	350513	50.23	ppm	100
9) N-Nitrosodiethylamine	2.955	102	317106	50.55	ppm	93
10) Ethyl methanesulfonate	3.255	79	522846	50.56	ppm	99
11) Benzaldehyde	3.447	106	200851	59.82	ppm	99
12) Aniline	3.560	93	946664	50.87	ppm	98
14) bis(2-Chloroethyl)ether	3.629	93	649724m	47.73	ppm	
16) Phenol	3.640	94	744784	49.75	ppm	94
17) 2-Chlorophenol	3.661	128	596672	50.59	ppm	99
18) 1,3-Dichlorobenzene	3.747	146	726273	51.01	ppm	99
19) 1,4-Dichlorobenzene	3.806	146	757229	51.54	ppm	99
20) 1,2-Dichlorobenzene	3.923	146	704391	50.56	ppm	99
21) Benzyl alcohol	3.961	108	451901	51.51	ppm	99
22) bis(2-chloroisopropyl)...	4.057	45	1137320	49.46	ppm	95
23) 2-Methylphenol	4.132	108	632380m	50.93	ppm	
24) N-Nitrosopyrrolidine	4.169	100	345179	47.92	ppm #	44
25) N-Nitrosomorpholine	4.191	56	432672	42.29	ppm	95
26) o-Toluidine	4.175	106	1041229	49.43	ppm	97
27) Acetophenone	4.153	105	897956	51.11	ppm	98
28) Hexachloroethane	4.180	117	280939	52.87	ppm	94
29) N-Nitroso-di-n-propyla...	4.196	70	457419	45.94	ppm #	46
30) 3&4-Methylphenol	4.234	108	635625	51.18	ppm	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Nitrobenzene	4.276	77	722264	50.38	ppm		99
34) N-Nitrosopiperidine	4.394	42	586401	46.96	ppm		96
35) A,A-Dimethylphenethyla...	5.624	58	2865096m	52.74	ppm		
36) Isophorone	4.474	82	1514234	50.13	ppm		100
37) 2-Nitrophenol	4.512	139	331602	53.51	ppm		98
38) 2,4-Dimethylphenol	4.608	107	699767	50.14	ppm		99
39) bis(2-Chloroethoxy)met...	4.651	93	1014182m	54.45	ppm		
40) O,O,O-Triethyl phospho...	4.640	121	298946	49.98	ppm		93
41) Benzoic Acid	4.801	105	323881	69.96	ppm	#	72
42) 2,4-Dichlorophenol	4.731	162	541919	51.56	ppm		99
43) 1,2,4-Trichlorobenzene	4.752	180	660788	50.89	ppm		99
44) Naphthalene	4.811	128	1784291	50.76	ppm		100
45) 4-Chloroaniline	4.886	127	743829	48.55	ppm		91
46) 2,6-Dichlorophenol	4.897	162	535757	51.21	ppm		99
47) Hexachloropropene	4.886	213	296684	61.61	ppm		99
48) Hexachlorobutadiene	4.940	225	427301	52.65	ppm		100
49) p-Phenylenediamine	5.239	108	214187	59.77	ppm	#	100
50) Caprolactam	5.298	113	263065	51.70	ppm		94
51) N-Nitrosodi-n-butylamine	5.212	84	572160	47.71	ppm		97
52) 4-Chloro-3-methylphenol	5.426	107	629762	51.35	ppm		95
53) Isosafrole	5.394	162	536442	49.92	ppm		99
54) 2-Methylnaphthalene	5.458	142	1254756	45.70	ppm		94
55) 1-Methylnaphthalene	5.560	142	1259745	48.18	ppm		100
56) 1,2,4,5-Tetrachloroben...	5.646	216	676366	51.37	ppm		100
58) Hexachlorocyclopentadiene	5.646	237	193568	63.87	ppm	#	100
59) 2,4,6-Trichlorophenol	5.822	196	431086	53.63	ppm		100
60) 2,4,5-Trichlorophenol	5.897	196	413629	55.16	ppm		100
62) Safrole	5.993	162	1206051m	57.66	ppm		
63) 1,1'-Biphenyl	6.015	154	1442731	52.10	ppm		100
64) 2-Chloronaphthalene	6.031	162	1284719m	53.82	ppm		
65) 1-Chloronaphthalene	6.036	162	519610m	31.42	ppm		
66) 2-Nitroaniline	6.181	65	609923	59.94	ppm		86
67) 1,4-Naphthoquinone	6.250	158	529177	50.60	ppm		99
68) Acenaphthylene	6.539	152	2000078	48.69	ppm		100
69) Dimethylphthalate	6.496	163	1639167	49.20	ppm		100
70) m-Dinitrobenzene	6.373	168	254885	51.23	ppm		98
71) 2,6-Dinitrotoluene	6.539	165	356661	48.42	ppm		95
72) Acenaphthene	6.801	153	1312074	49.12	ppm		100
73) 3-Nitroaniline	6.769	138	363157	51.00	ppm		99
74) 2,4-Dinitrophenol	6.951	184	186717	53.59	ppm		97
75) Dibenzofuran	7.058	168	1865524	47.69	ppm		99
76) Pentachlorobenzene	7.010	250	623641	50.12	ppm		100
77) 2,4-Dinitrotoluene	7.143	165	514586	50.29	ppm		99
78) 4-Nitrophenol	7.250	109	222177m	52.17	ppm		
79) 1-Naphthylamine	7.191	143	952395	47.08	ppm		98
80) 2-Naphthylamine	7.336	143	772099	44.40	ppm		100
81) 2,3,4,6-Tetrachlorophenol	7.320	232	384078	55.43	ppm		99
82) Fluorene	7.598	166	1511832	47.62	ppm		100
83) 4-Chlorophenyl-phenyle...	7.657	204	804677	48.58	ppm		98
84) Diethylphthalate	7.582	149	1707354	47.25	ppm		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
85)	5-Nitro-o-toluidine	7.732	152	481411	56.24	ppm		100
86)	Thionazin	7.721	97	437970	48.04	ppm		99
87)	4-Nitroaniline	7.764	138	397734	50.15	ppm		99
89)	4,6-Dinitro-2-methylph...	7.828	198	268611	54.93	ppm		96
90)	n-Nitrosodiphenylamine	7.897	169	1332307	52.57	ppm		99
91)	1,2-Diphenylhydrazine	7.924	77	2034165	49.37	ppm		99
92)	Diphenylamine	7.897	169	1332307	52.57	ppm		99
94)	Tetraethyl dithiopyrop...	8.299	97	345024	48.30	ppm		95
95)	sym-Trinitrobenzene	8.603	213	207271	52.67	ppm	#	100
96)	Diallate	8.448	43	729883	42.43	ppm		92
97)	Phorate	8.454	75	998116	43.40	ppm		99
98)	4-Bromophenyl-phenylether	8.496	248	485462	48.26	ppm		99
99)	Phenacetin	8.652	108	935691m	48.50	ppm		
100)	Hexachlorobenzene	8.561	284	540233	50.07	ppm		97
101)	Dimethoate	8.785	87	625499	48.76	ppm		99
102)	Atrazine	8.989	200	322434	45.18	ppm		94
103)	4-aminobiphenyl	9.005	169	1360512	48.18	ppm		99
104)	Pentachlorophenol	9.015	266	269829	58.10	ppm		99
105)	Pentachloronitrobenzene	8.978	237	239966m	49.36	ppm		
106)	Pronamide	9.261	173	756087	47.82	ppm		96
107)	Phenanthrene	9.283	178	2222342	47.86	ppm		100
108)	Anthracene	9.379	178	2281684	48.21	ppm		100
109)	Disulfoton	9.411	88	1123116	47.55	ppm		99
110)	Carbazole	9.753	167	2264671	48.25	ppm		100
111)	Methyl parathion	10.106	109	582964	44.87	ppm		99
112)	Di-n-butylphthalate	10.657	149	3226428	47.40	ppm		100
113)	4-Nitroquinoline 1-Oxide	10.839	190	223342	64.92	ppm		100
114)	Parathion	10.935	97	476649	49.09	ppm		98
115)	Methapyrilene	11.117	58	331765	45.59	ppm	#	99
116)	Isodrin	11.246	193	333695	48.49	ppm		98
117)	Fluoranthene	11.572	202	2619379	46.86	ppm		100
119)	Benzidine	11.984	184	765216	41.88	ppm		99
120)	Pyrene	11.994	202	2734111	45.12	ppm		99
122)	Aramite	12.786	185	199747	47.43	ppm		98
123)	p-(Dimethylamine)azobe...	12.813	120	893335	46.70	ppm		97
124)	Chlorobenzilate	12.973	139	1004103	47.00	ppm		98
126)	3,3'-Dimethylbenzidine	13.492	212	922317	52.41	ppm		100
127)	Famphur	13.455	218	103689	23.41	ppm	#	100
128)	Butylbenzylphthalate	13.647	149	1450354	47.26	ppm		100
129)	2-Acetylaminofluorene	14.054	181	831027	48.94	ppm		98
130)	3,3'-Dichlorobenzidine	14.562	252	745889	48.52	ppm		99
131)	Benzo[a]anthracene	14.487	228	2429561	48.65	ppm		100
132)	Chrysene	14.573	228	2151386	47.22	ppm		100
133)	bis(2-Ethylhexyl)phtha...	14.963	149	1994249	47.35	ppm		100
135)	Di-n-octylphthalate	16.231	149	3022379	45.77	ppm		99
136)	Benzo[b]fluoranthene	16.573	252	1872105	50.73	ppm		99
137)	Benzo[k]fluoranthene	16.616	252	1473053	42.97	ppm		99
138)	7,12-Dimethylbenz(a)an...	16.568	256	739942	47.25	ppm		99
140)	Benzo[a]pyrene	17.097	252	1522391	49.39	ppm		100
141)	3-Methylcholanthrene	17.744	268	724523	50.74	ppm		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
142) Indeno[1,2,3-cd]pyrene	18.910	276	1075074	50.94 ppm	98
143) Dibenz[a,h]anthracene	18.958	278	1124968	55.31 ppm	98
144) Benzo[g,h,i]perylene	19.279	276	1107346	49.94 ppm	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

8.6.18

8

Quantitation Report (QT Reviewed)

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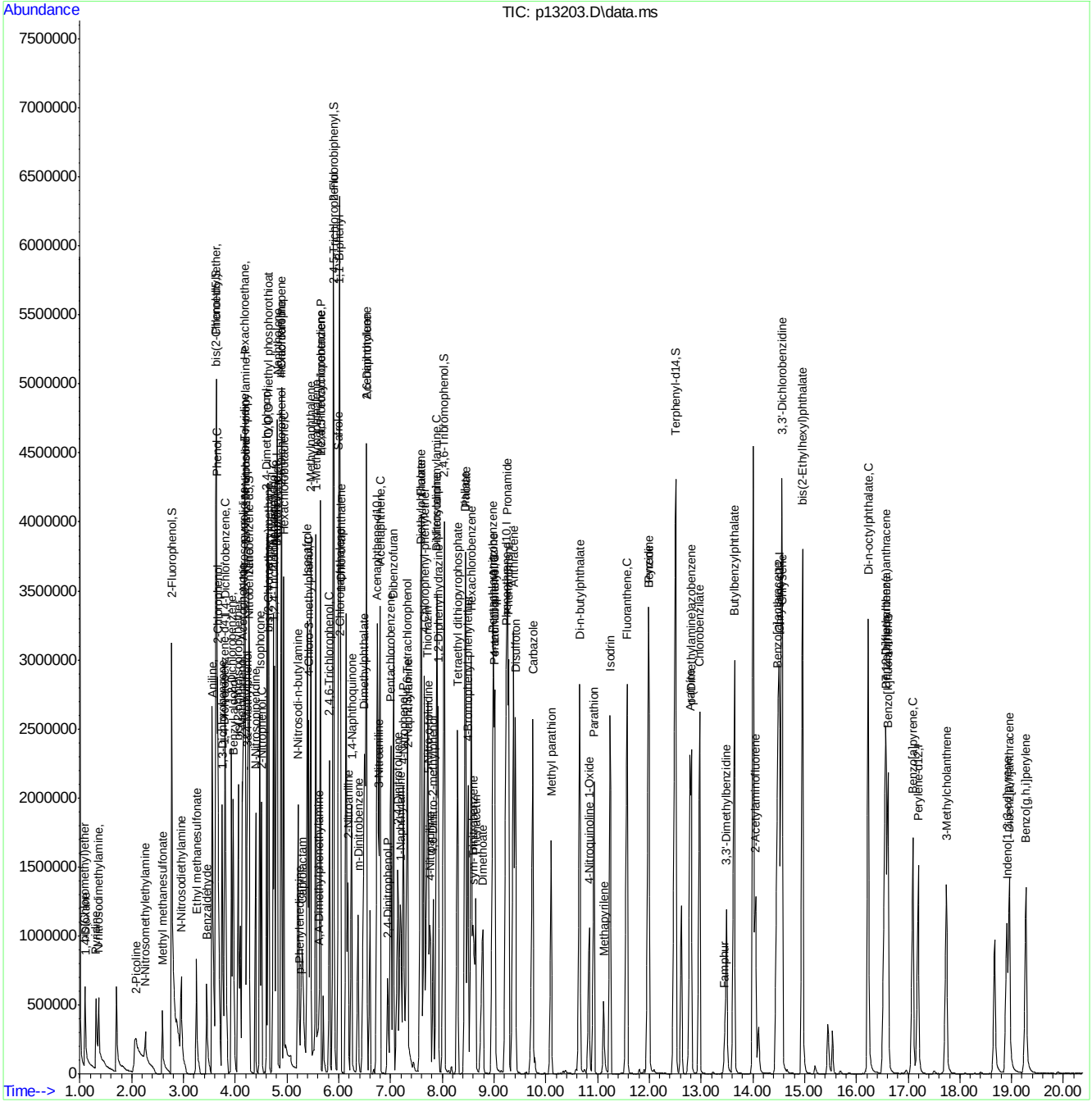
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration

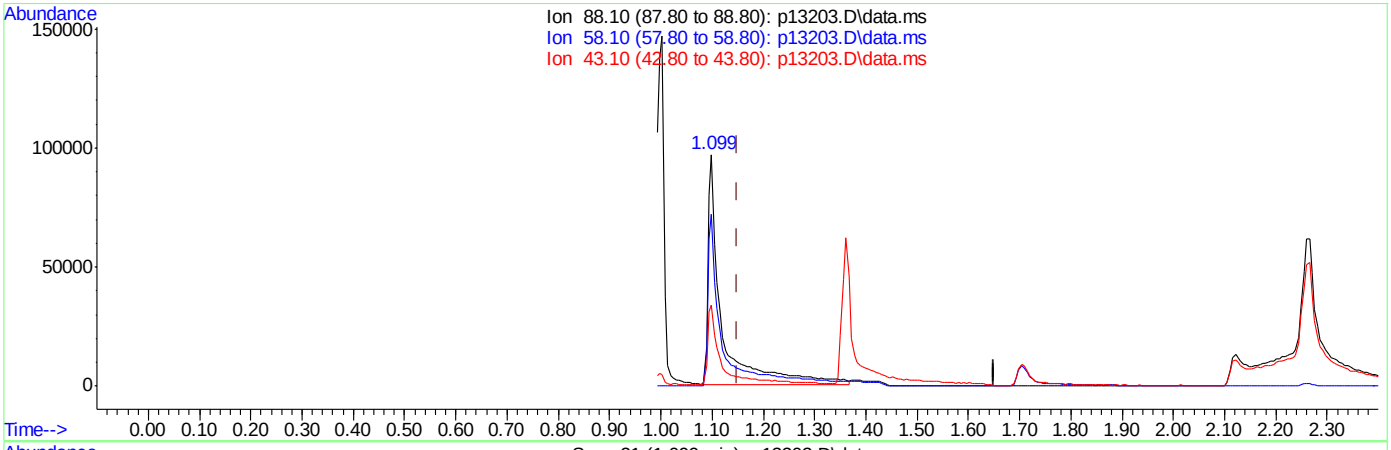


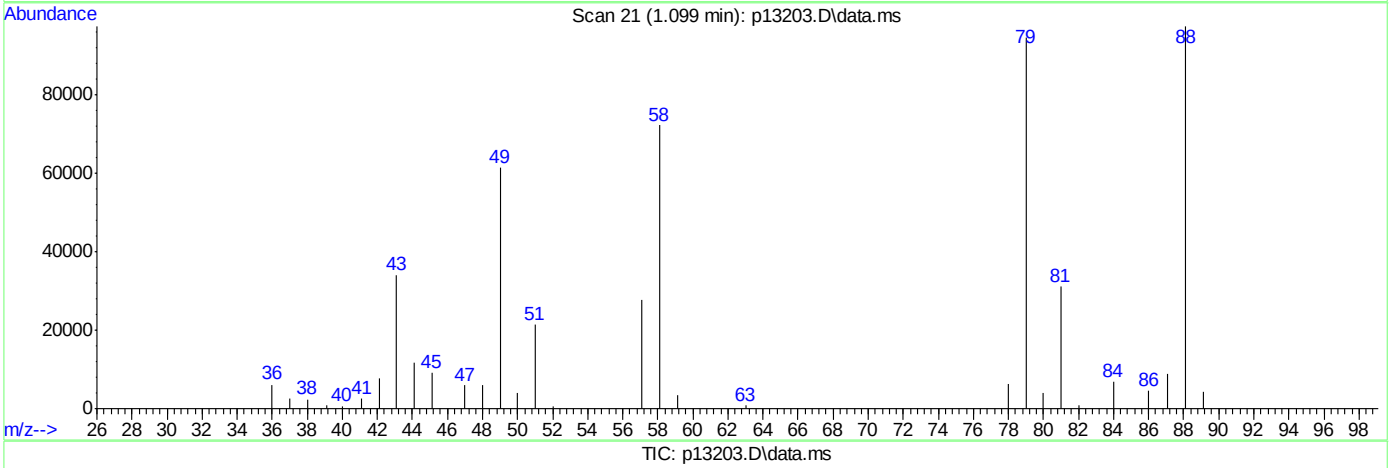
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration





TIC: p13203.D\data.ms

(3) 1,4-Dioxane

1.099min (-0.050) 44.75ppm

response 181473

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	79.94
43.10	0.00	31.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
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QLast Update : Tue Sep 07 09:38:25 2010
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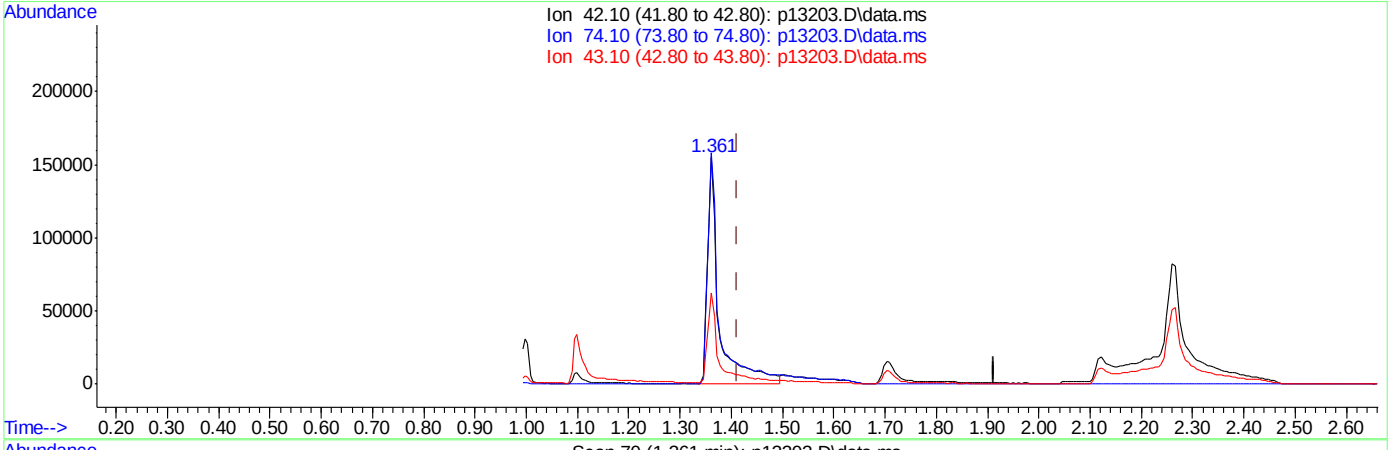

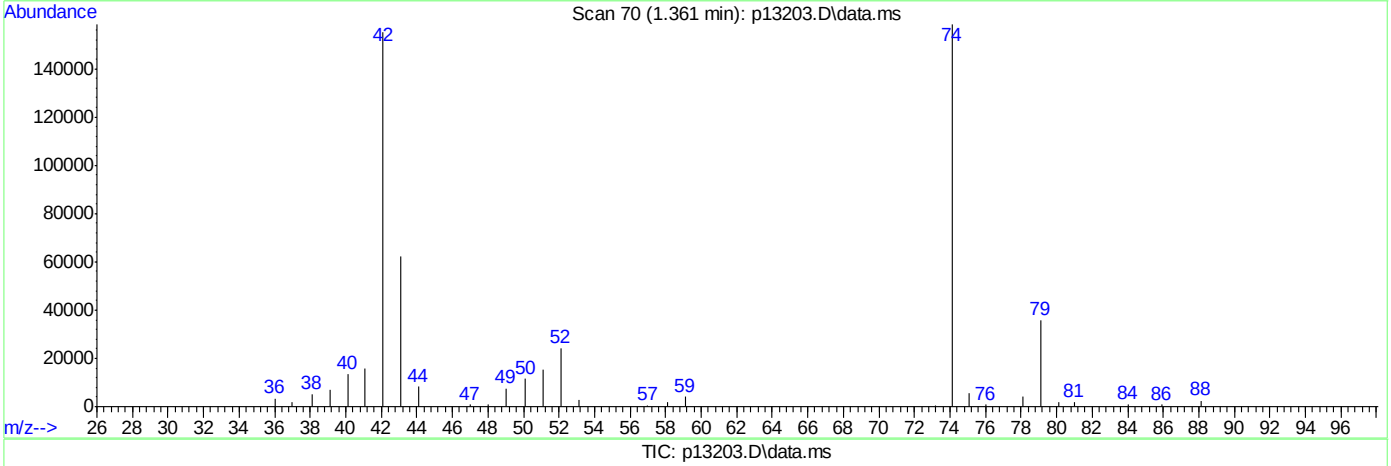

TIC: p13203.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 41.95ppm

response 245477

Ion	Exp%	Act%
42.10	100	100
74.10	97.60	112.00
43.10	31.90	38.89
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
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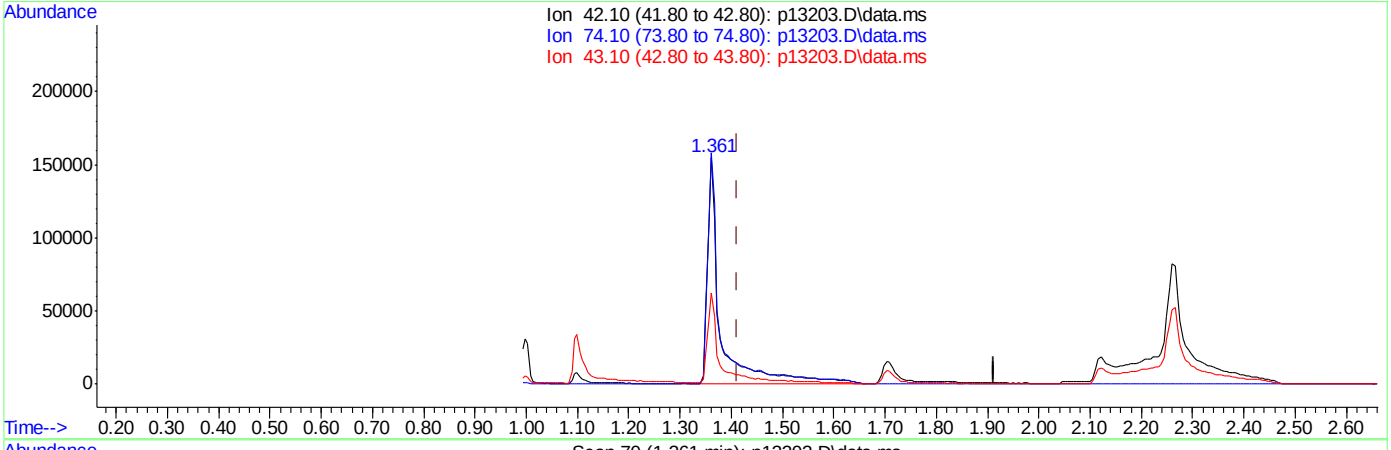

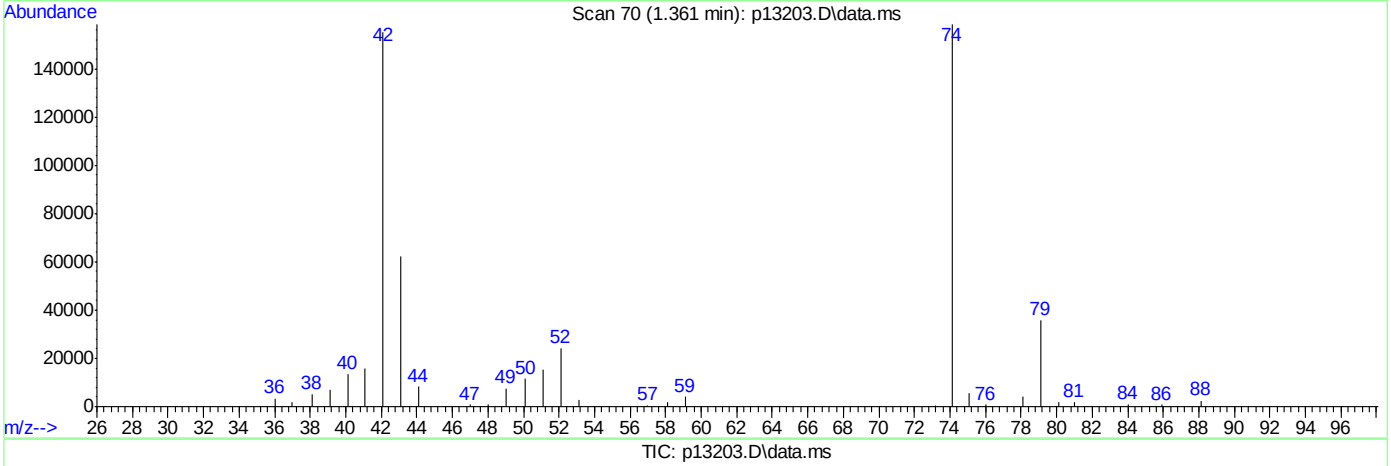

TIC: p13203.D\data.ms

(4) N-nitrosodimethylamine ( )

1.361min (-0.051) 47.83ppm m

response 279854

Ion	Exp%	Act%
42.10	100	100
74.10	97.60	98.24
43.10	31.90	34.11
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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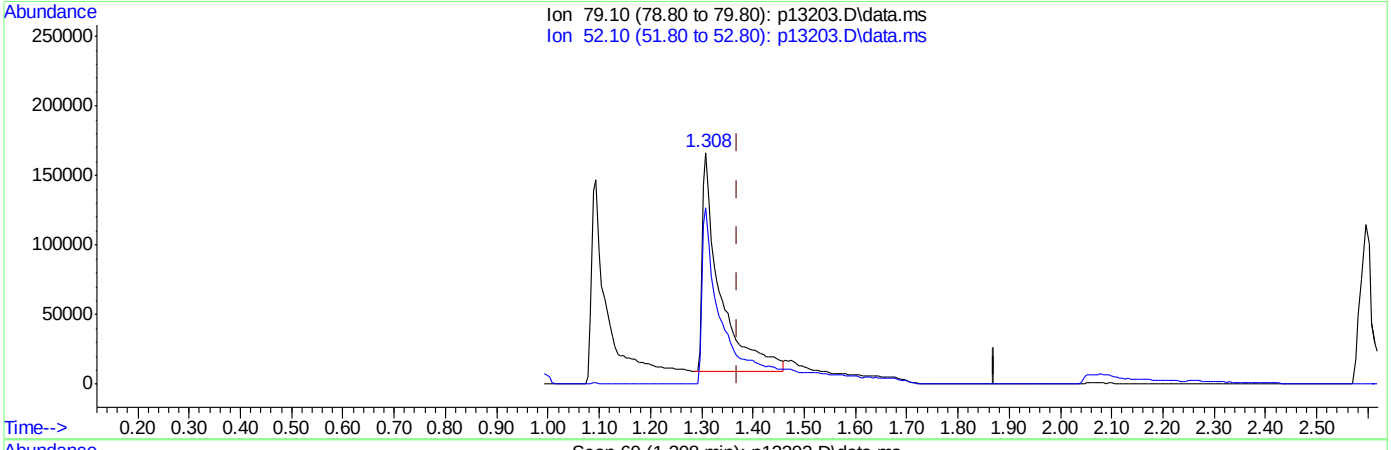

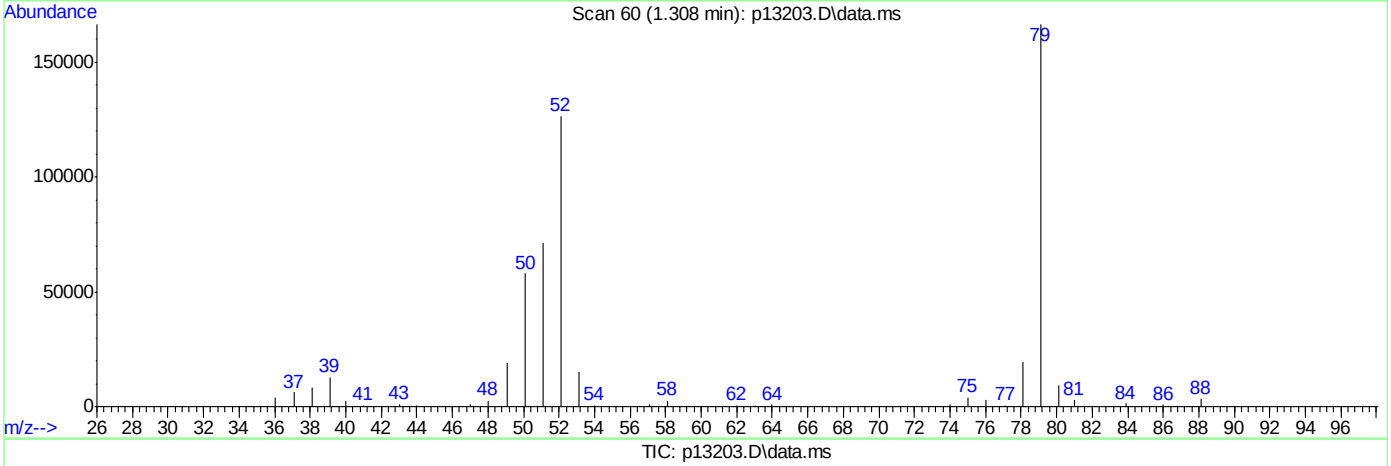

TIC: p13203.D\data.ms

(5) Pyridine ( )

1.308min (-0.062) 32.23ppm

response 375342

Ion	Exp%	Act%
79.10	100	100
52.10	62.20	95.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
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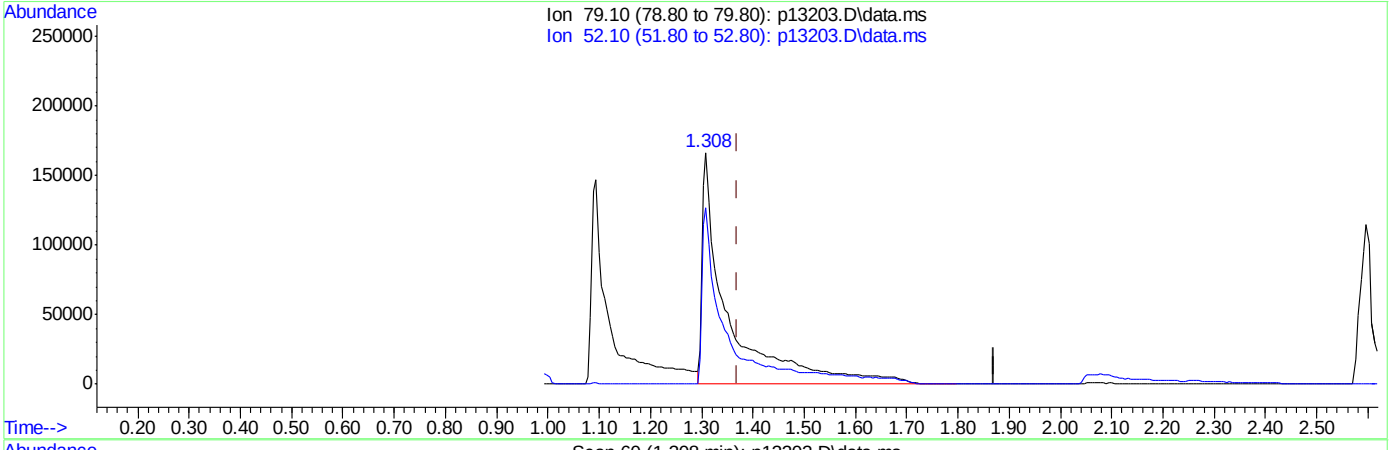
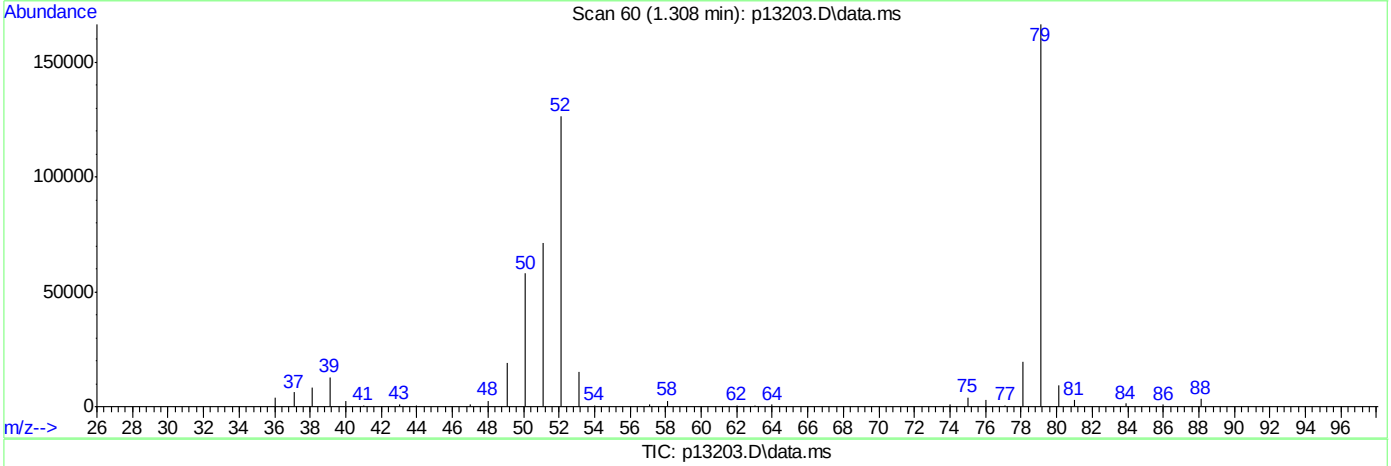




TIC: p13203.D\data.ms

(5) Pyridine ( )

1.308min (-0.062) 50.28ppm m

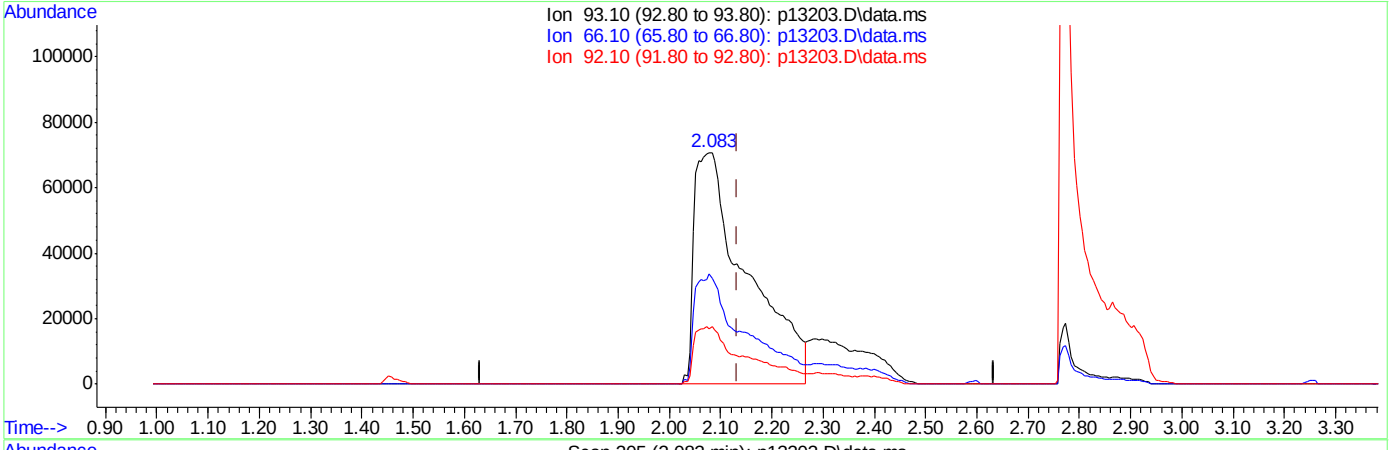
response 585461

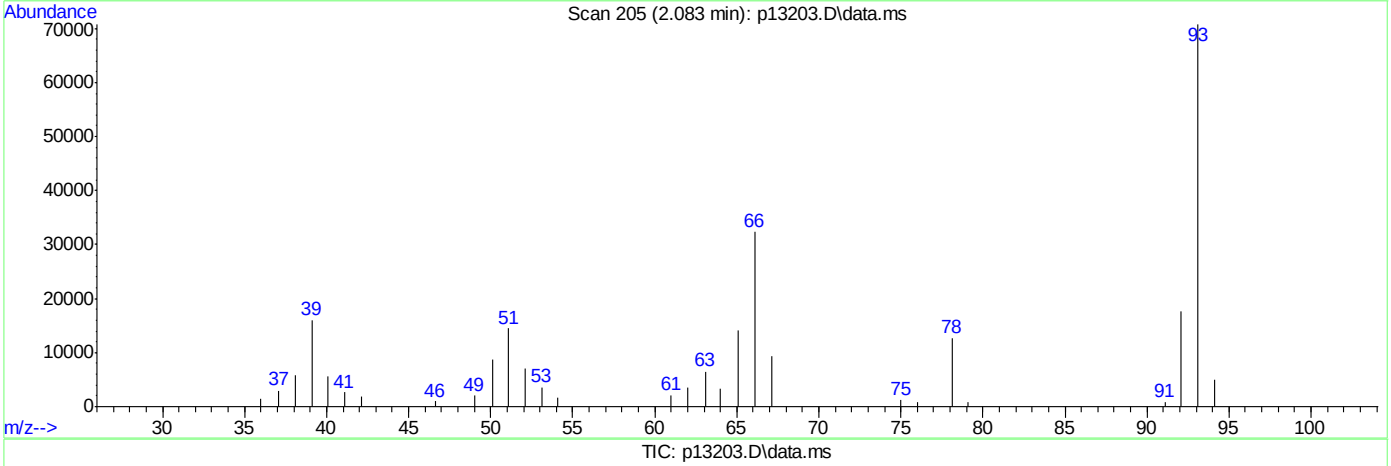
Ion	Exp%	Act%
79.10	100	100
52.10	62.20	60.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(6) 2-Picoline

2.083min (-0.050) 41.11ppm

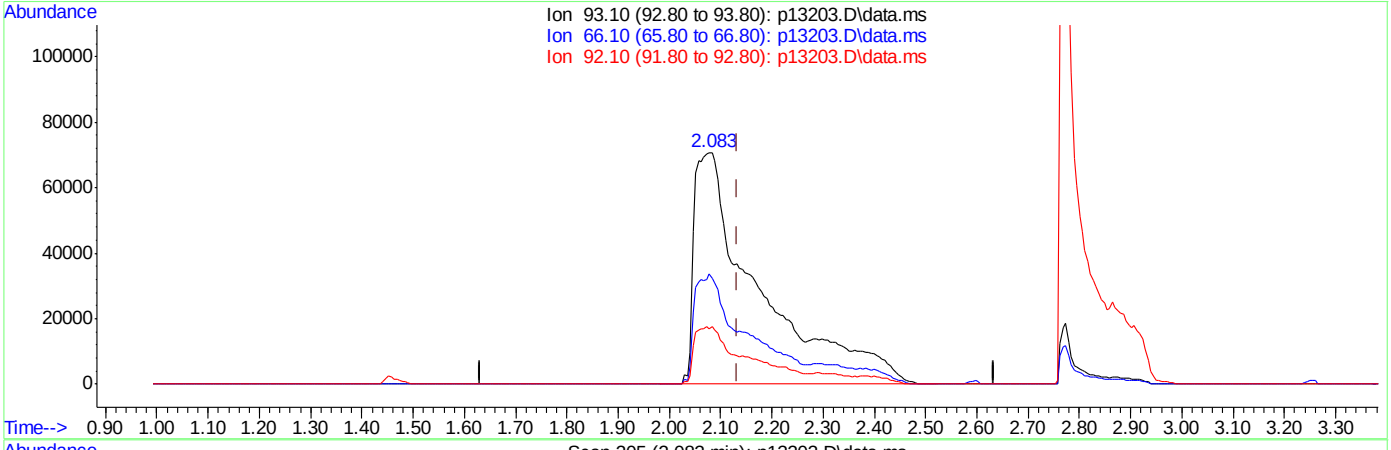
response 507375

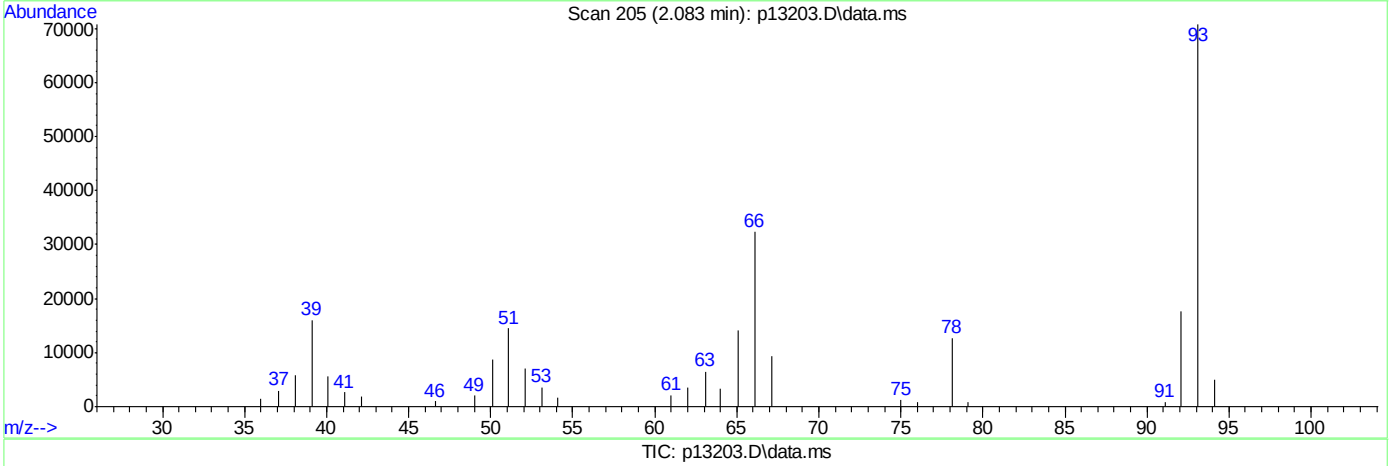
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	45.83#
92.10	0.00	24.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(6) 2-Picoline

2.083min (-0.050) 50.34ppm m

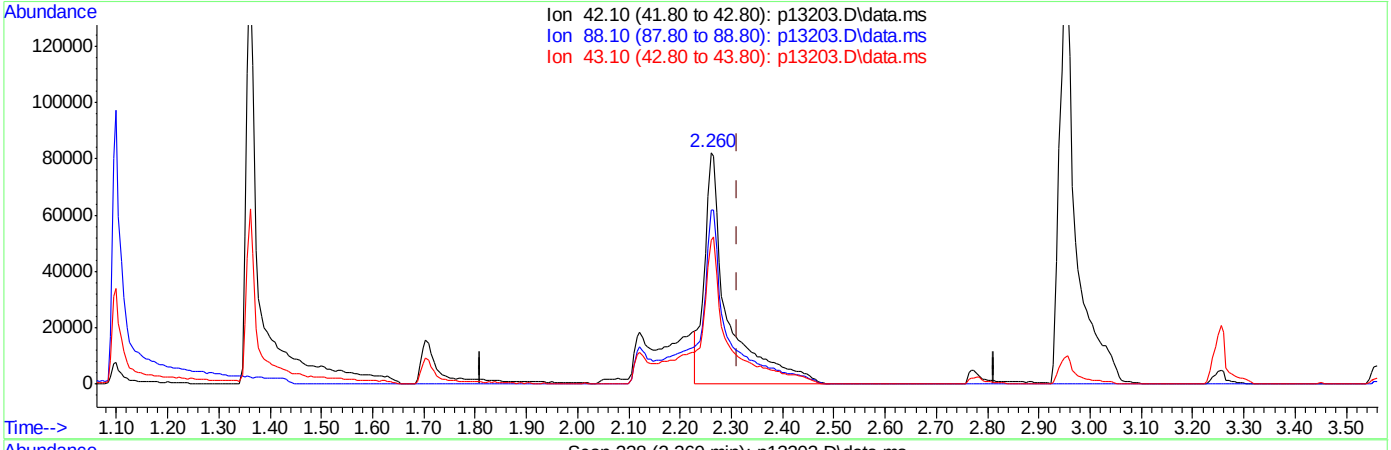
response 621250

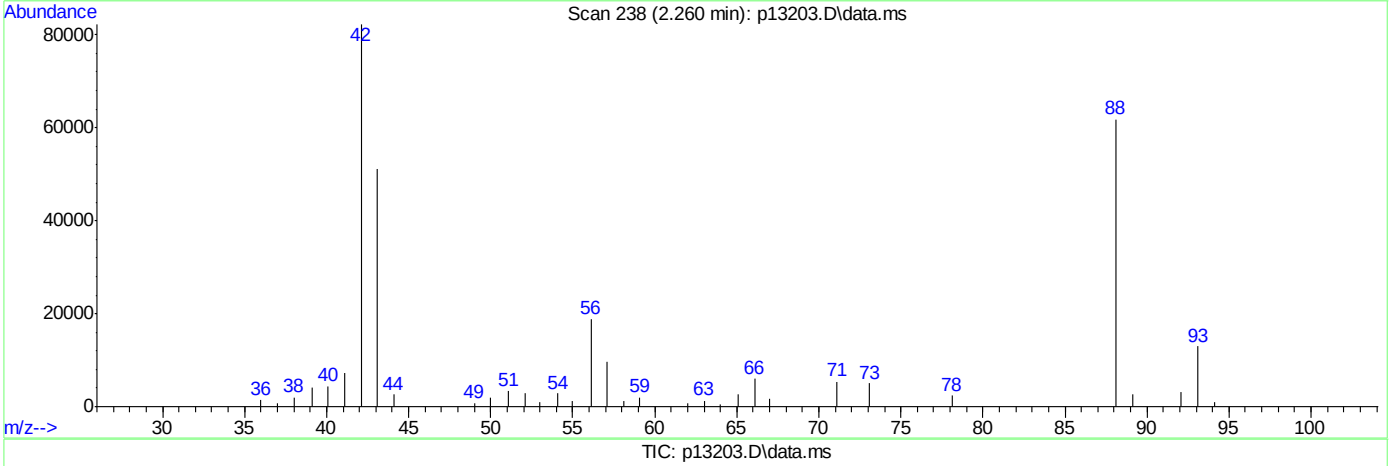
Ion	Exp%	Act%
93.10	100	100
66.10	20.30	37.43#
92.10	0.00	20.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(7) N-Nitrosomethylethylamine

2.260min (-0.052) 33.13ppm

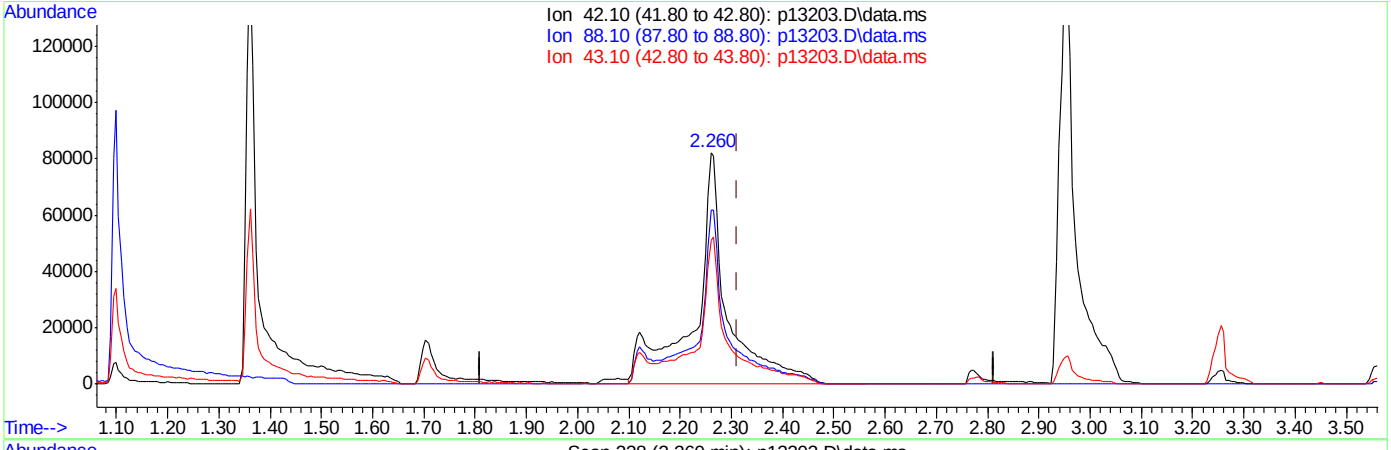
response 259522

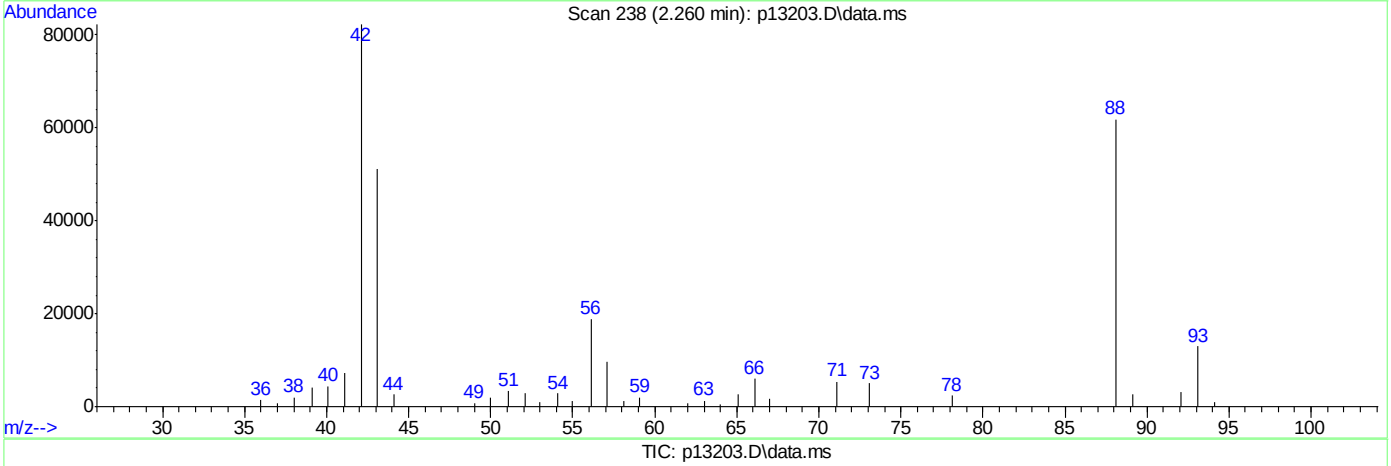
Ion	Exp%	Act%
42.10	100	100
88.10	51.10	74.00#
43.10	46.60	63.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(7) N-Nitrosomethylethylamine

2.260min (-0.052) 47.20ppm m

response 369737

Ion	Exp%	Act%
42.10	100	100
88.10	51.10	51.94
43.10	46.60	44.38
0.00	0.00	0.00

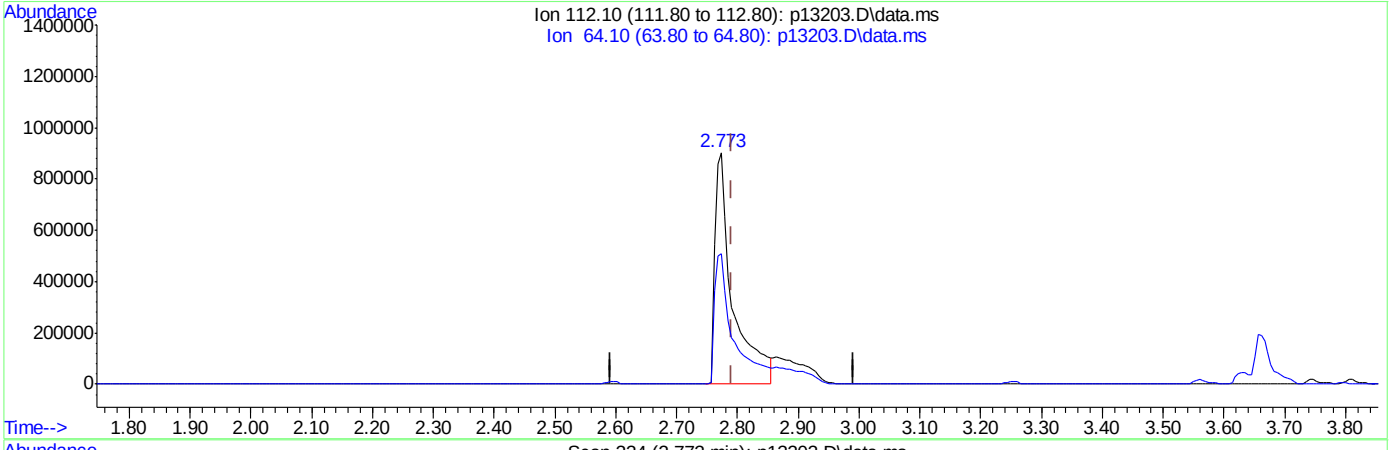
8.6.18.9

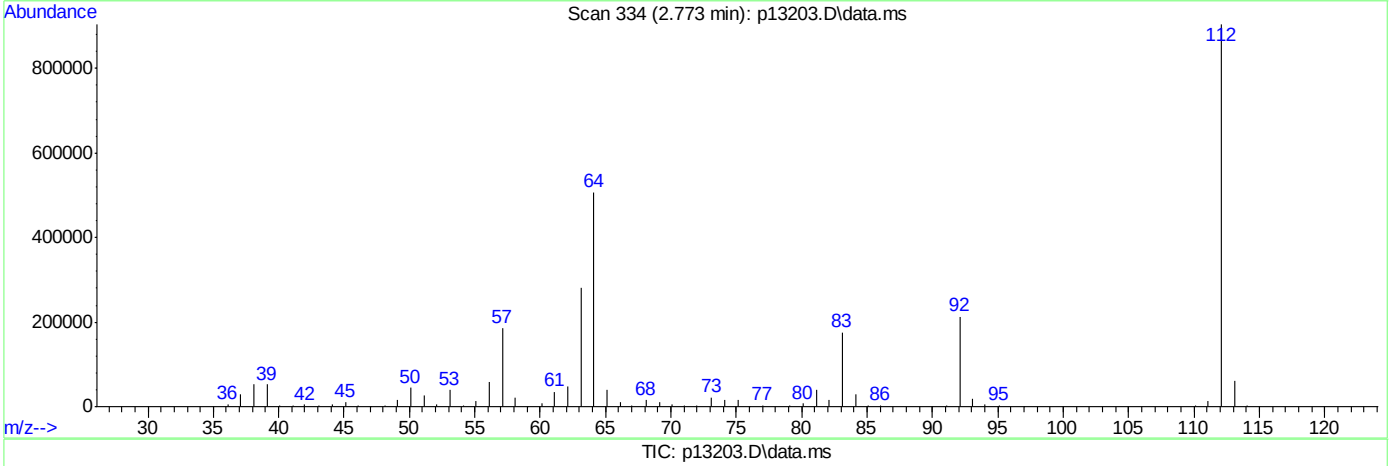
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(13) 2-Fluorophenol (S)

2.773min (-0.018) 167.59ppm

response 1793539

Ion	Exp%	Act%
112.10	100	100
64.10	47.90	59.78
0.00	0.00	0.00
0.00	0.00	0.00

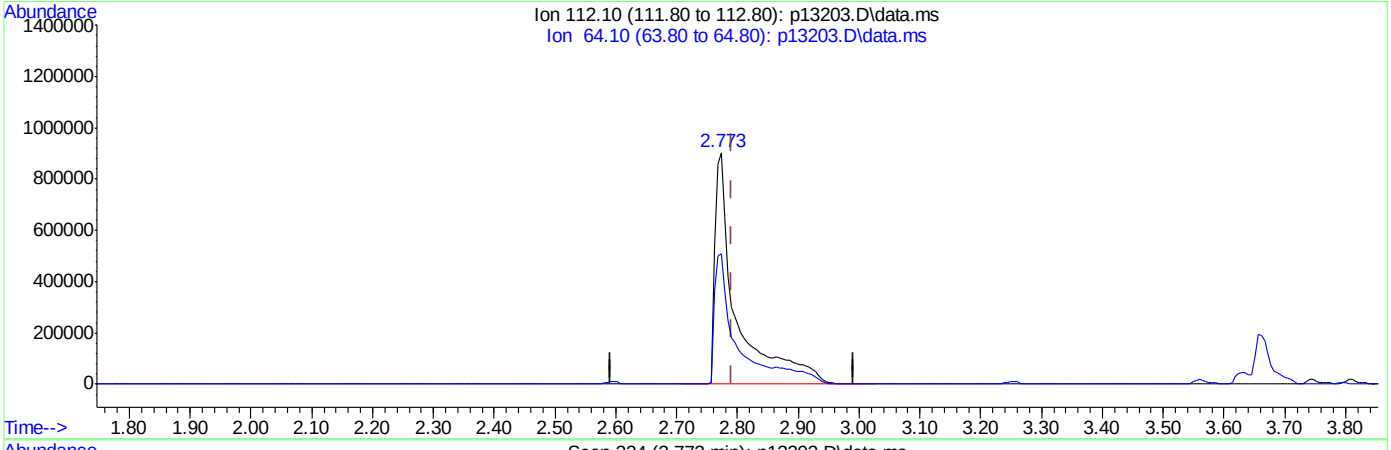
8.6.18.10

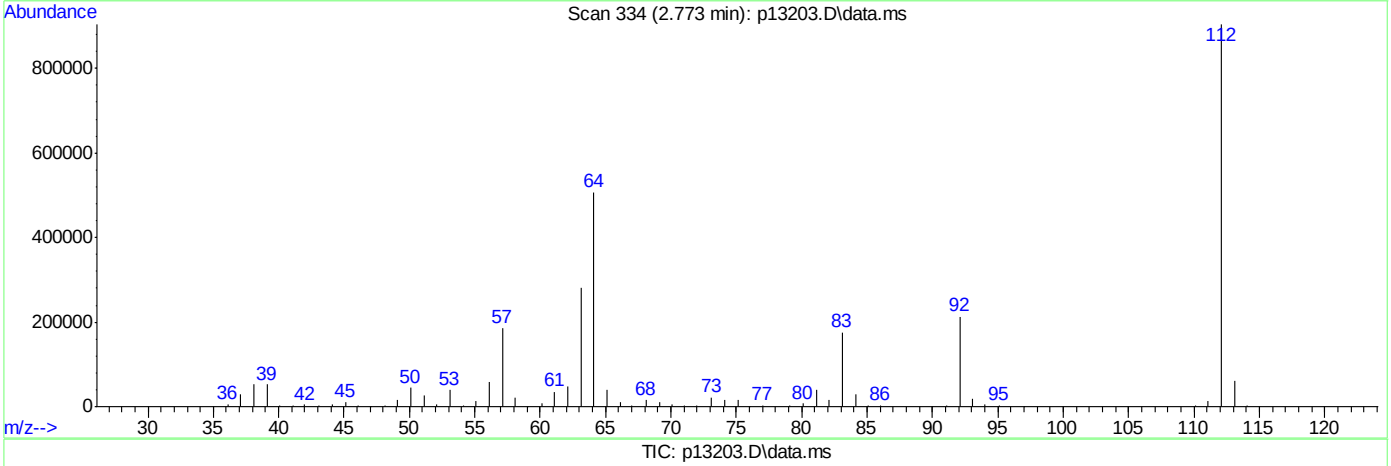
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(13) 2-Fluorophenol (S)

2.773min (-0.018) 205.59ppm m

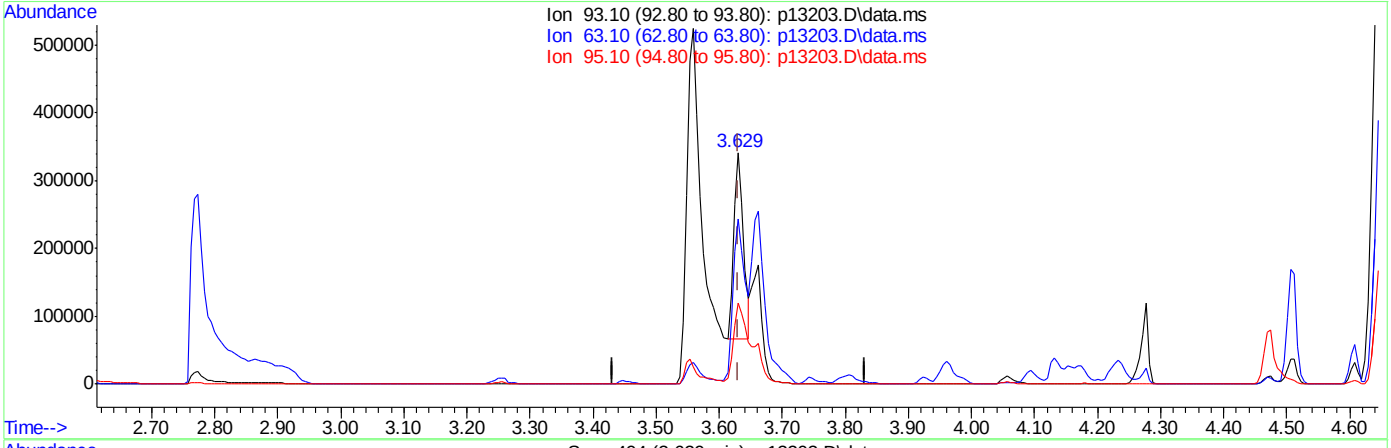
response 2200132

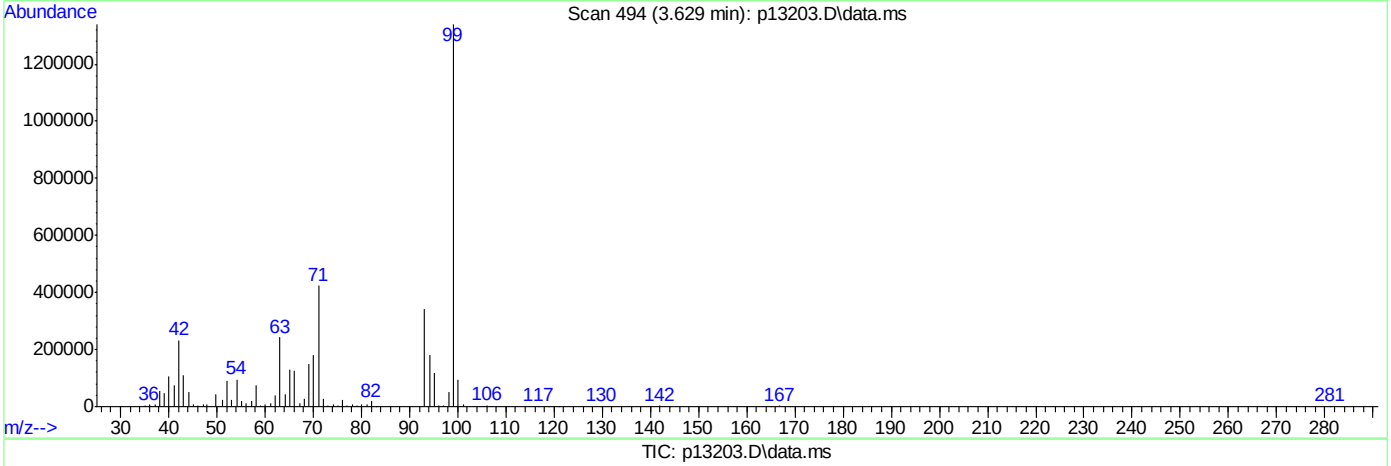
Ion	Exp%	Act%
112.10	100	100
64.10	47.90	48.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.629min (-0.003) 21.19ppm

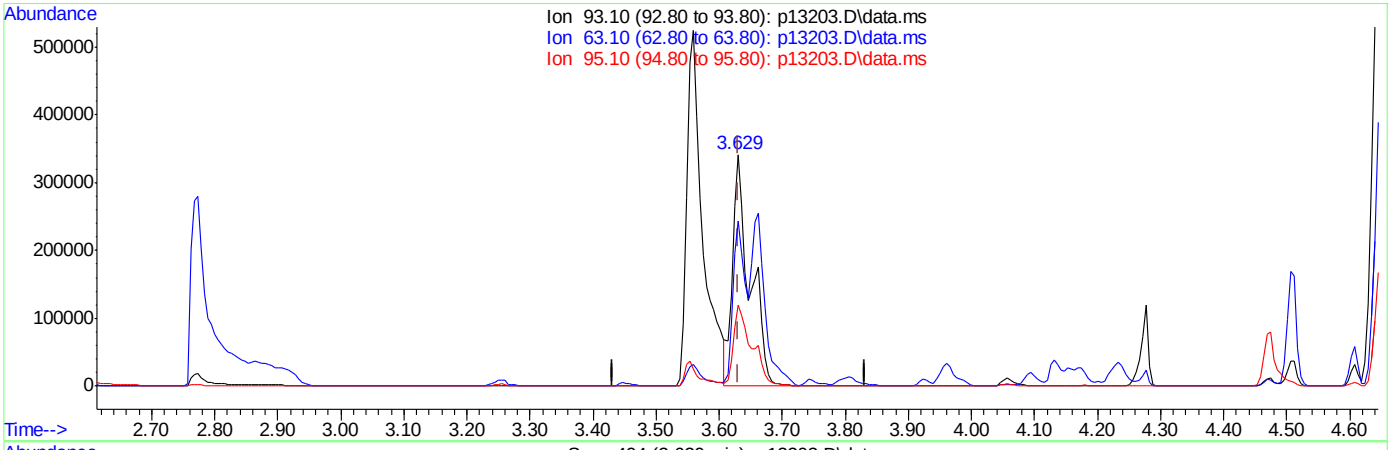
response 288538

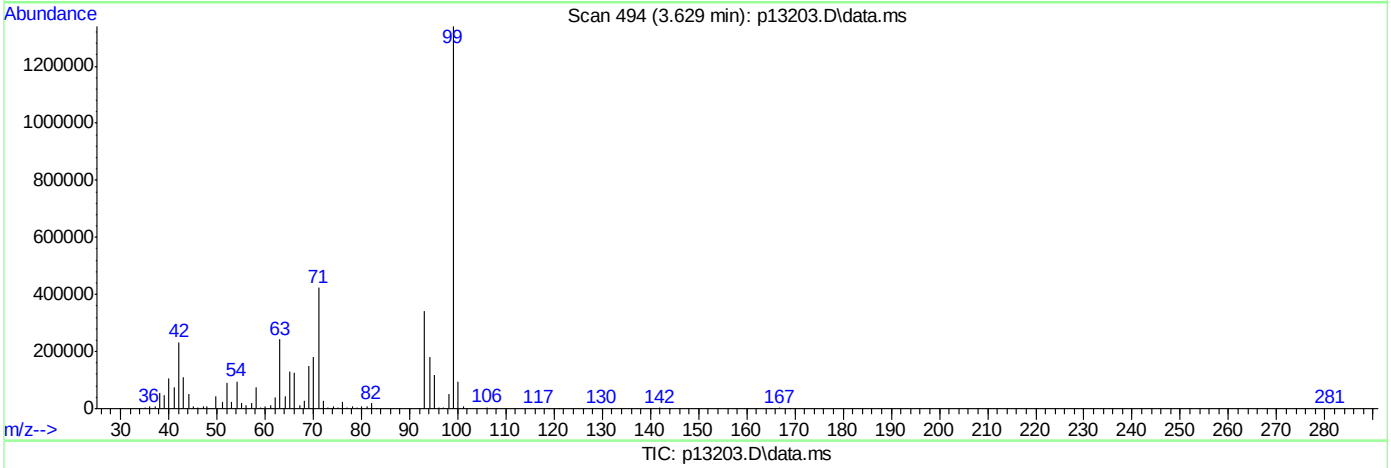
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	114.63#
95.10	39.40	83.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(14) bis(2-Chloroethyl)ether ( )

3.629min (-0.003) 47.73ppm m

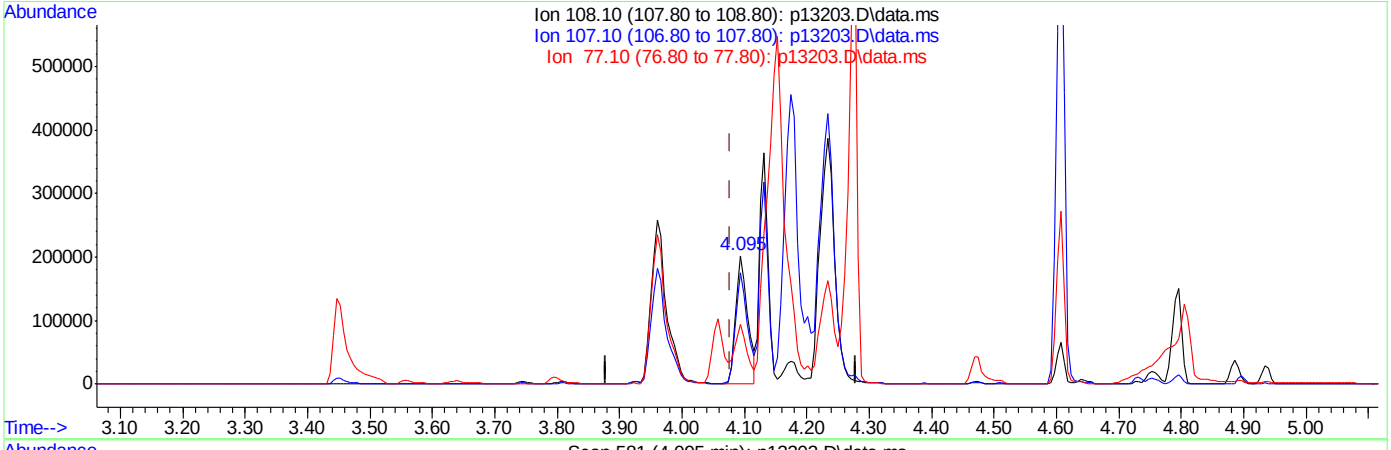
response 649724

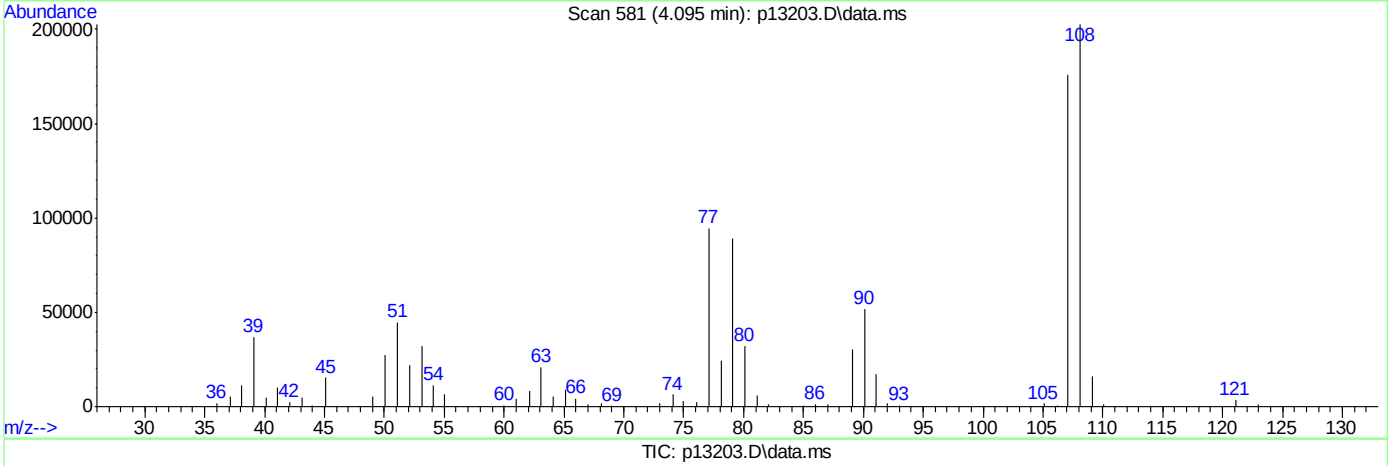
Ion	Exp%	Act%
93.10	100	100
63.10	52.00	50.91
95.10	39.40	37.26
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(23) 2-Methylphenol ( )

4.095min (+0.015) 22.94ppm

response 284812

Ion	Exp%	Act%
108.10	100	100
107.10	36.20	87.26#
77.10	16.60	30.63
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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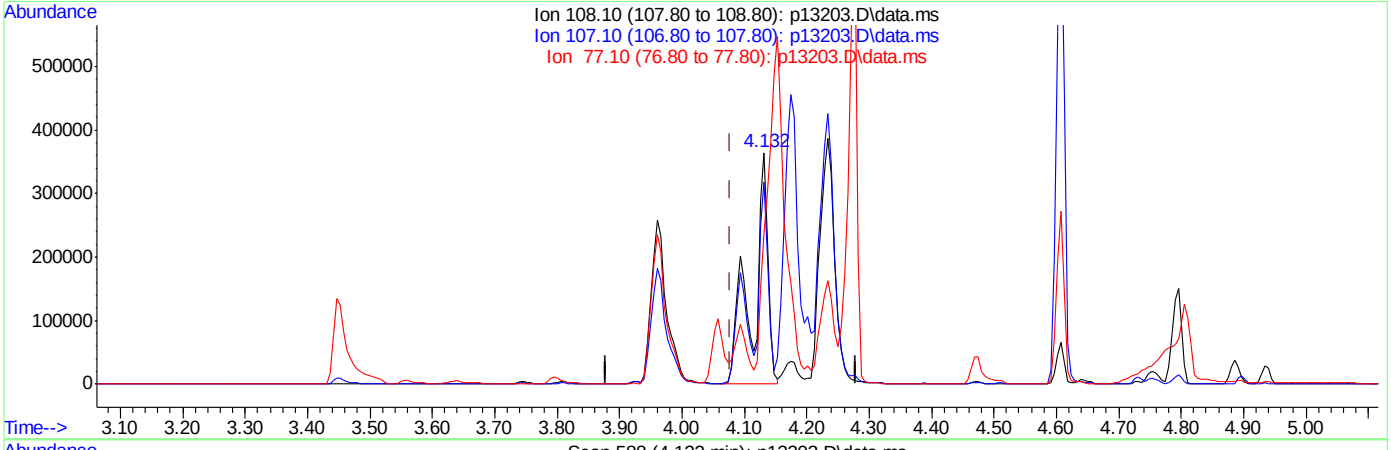
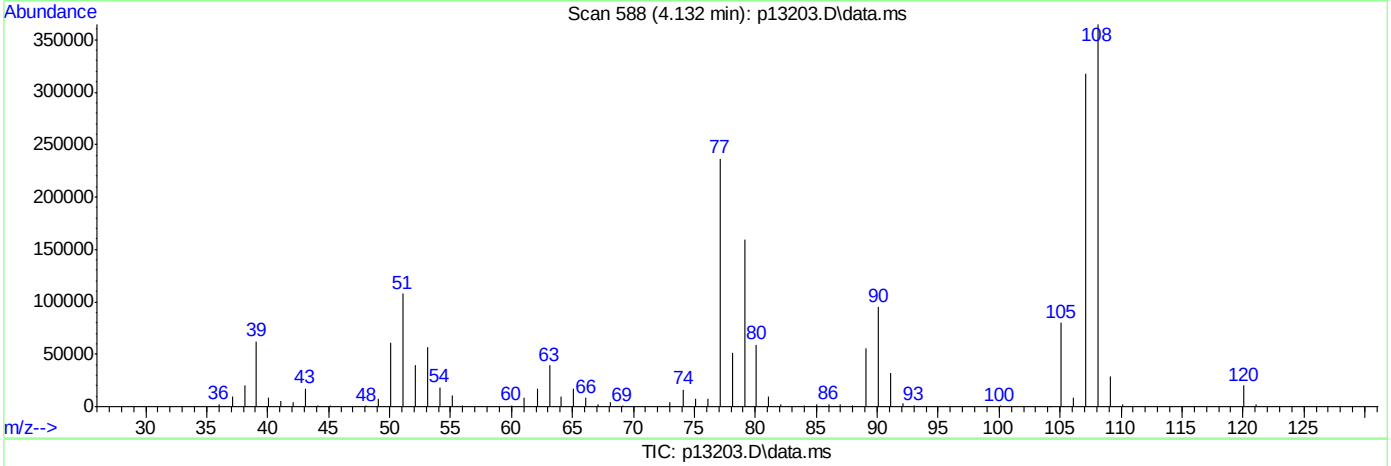




(23) 2-Methylphenol ( )

4.132min (+0.053) 50.93ppm m

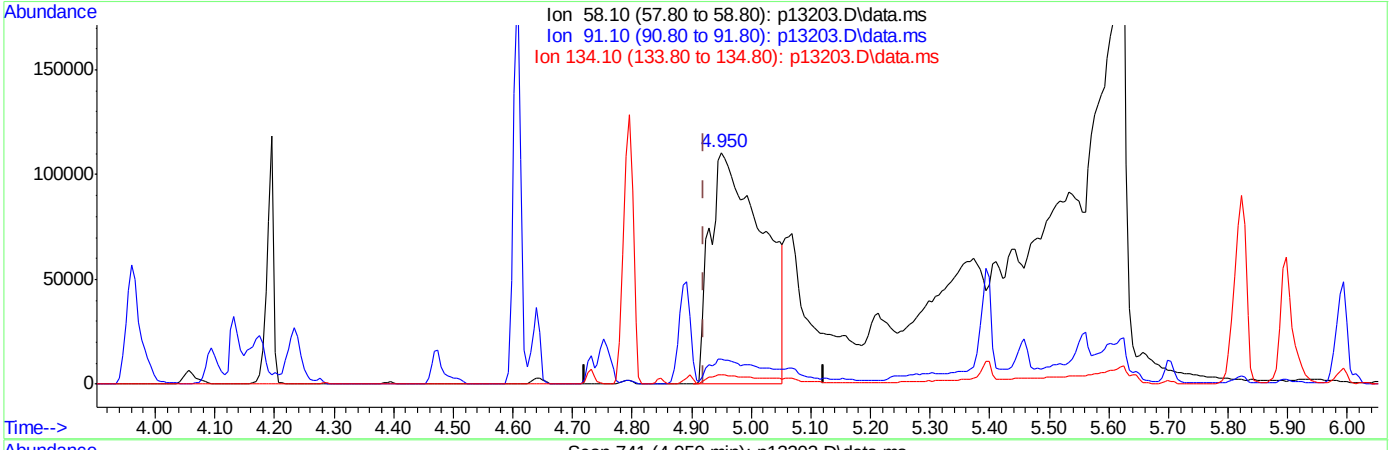
response 632380

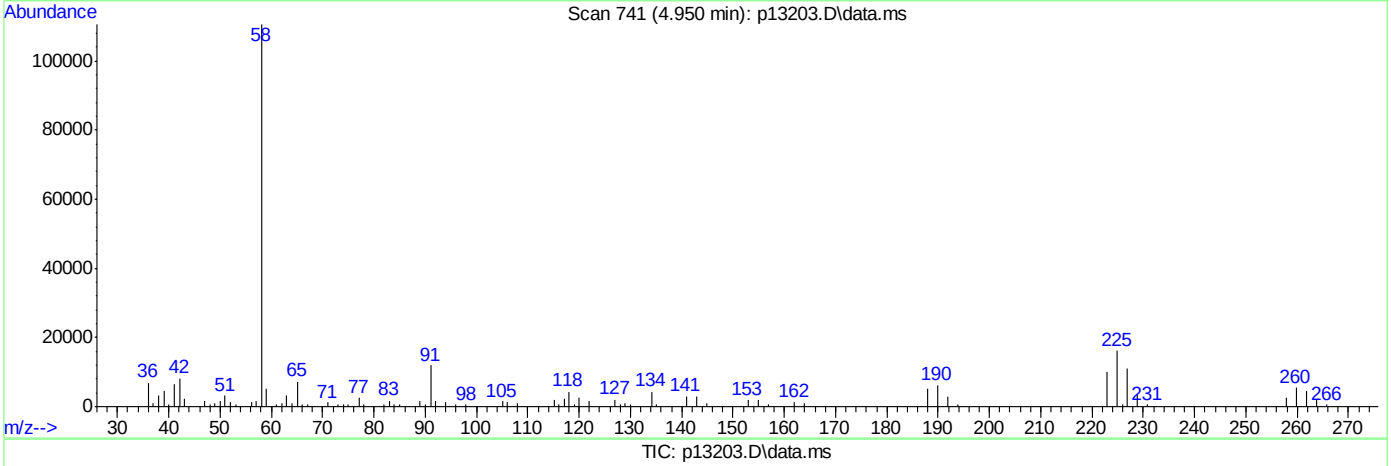
Ion	Exp%	Act%
108.10	100	100
107.10	36.20	39.30
77.10	16.60	13.79
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(35) A,A-Dimethylphenethylamine

4.950min (+0.029) 12.39ppm

response 673384

Ion	Exp%	Act%
58.10	100	100
91.10	0.00	5.33#
134.10	0.00	0.00
0.00	0.00	0.00

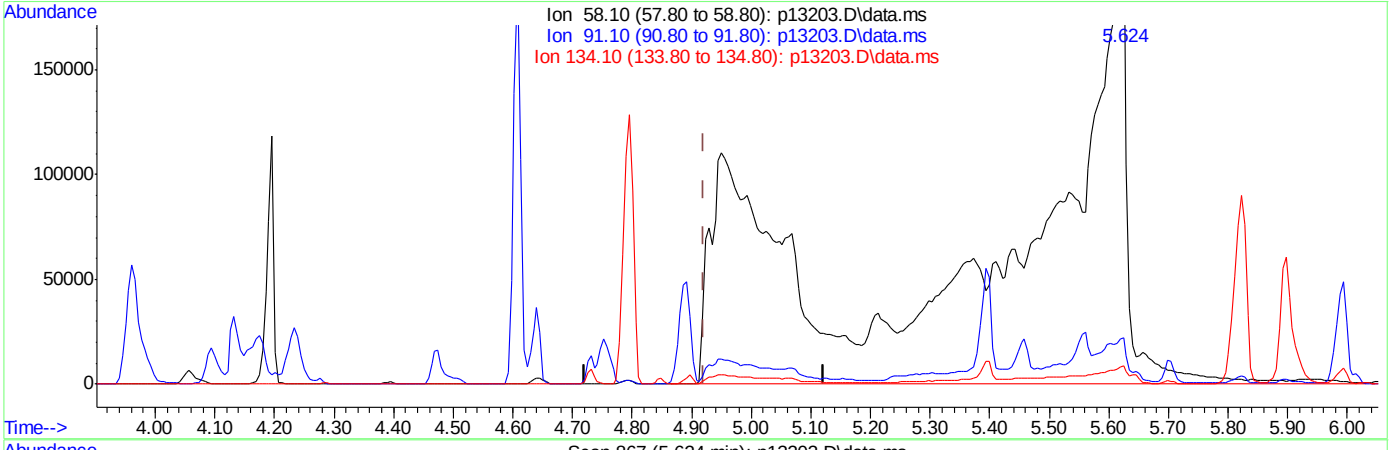
8.6.18.16

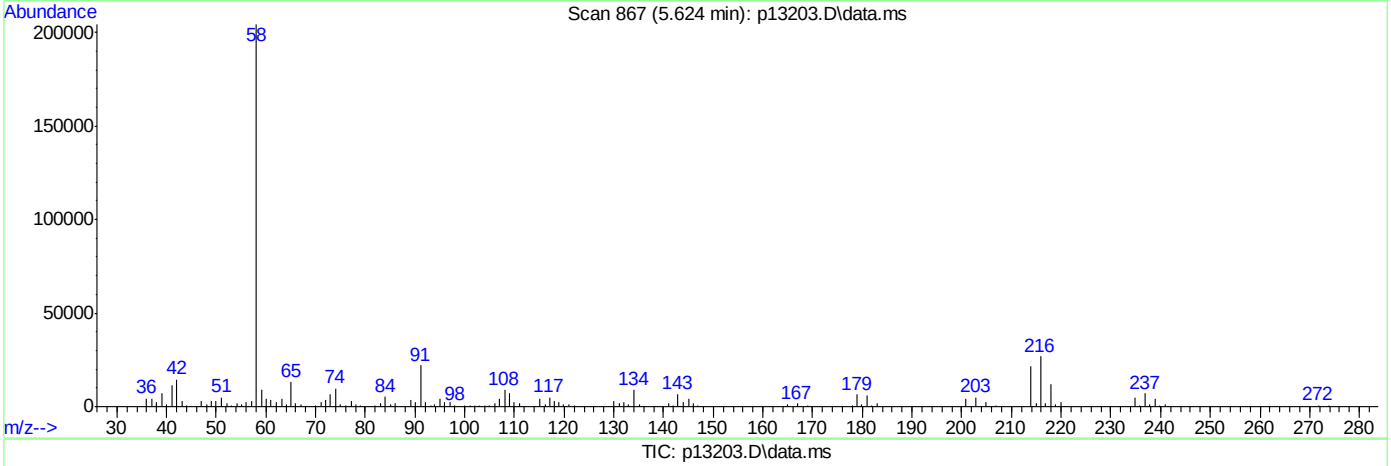
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(35) A,A-Dimethylphenethylamine

5.624min (+0.703) 52.74ppm m

response 2865096

Ion	Exp%	Act%
58.10	100	100
91.10	0.00	1.25#
134.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
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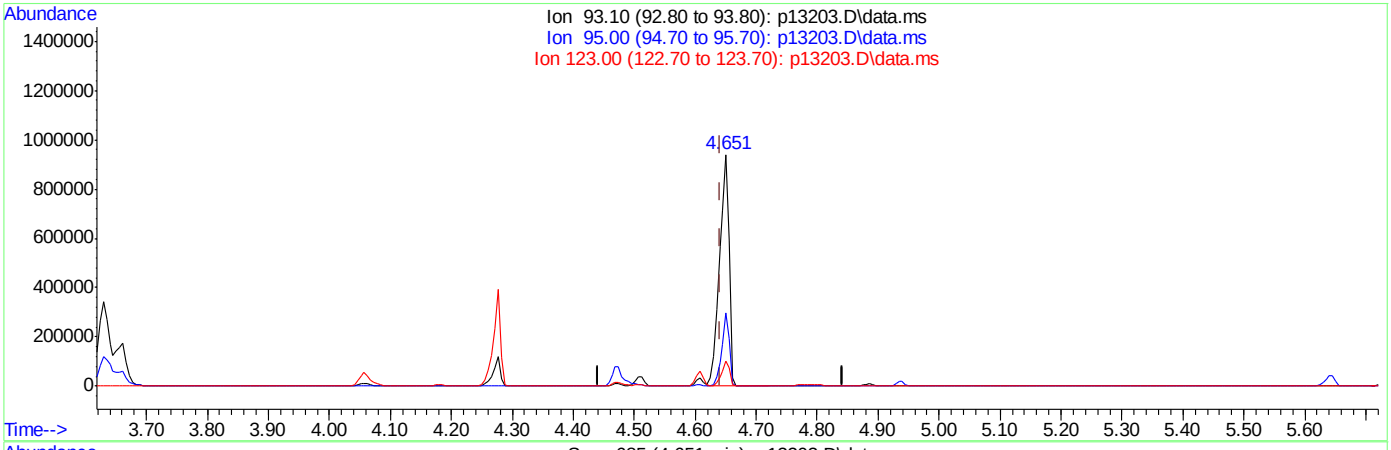
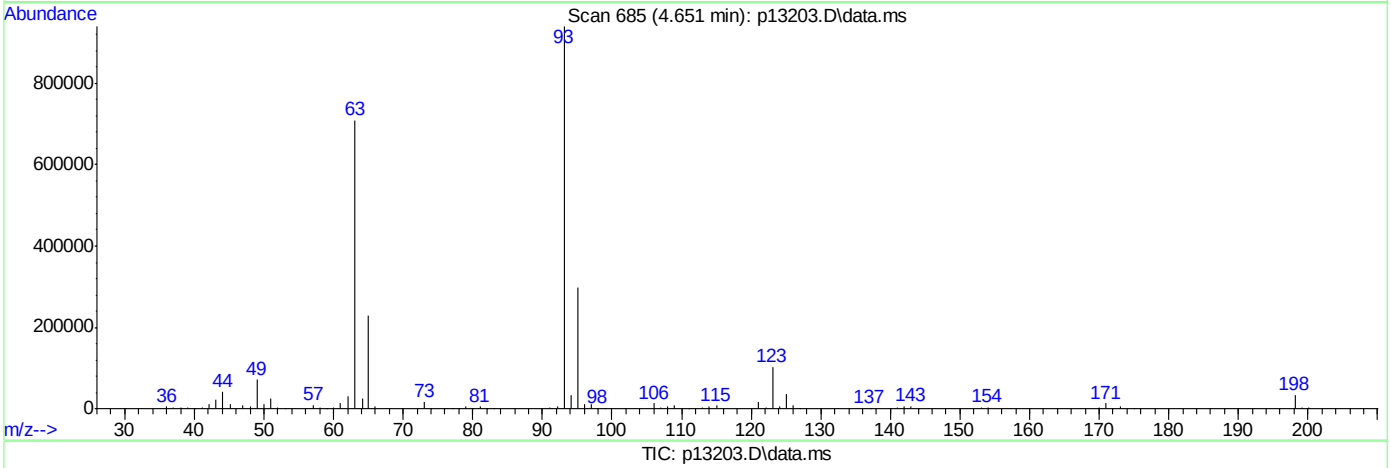




TIC: p13203.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.651min (+0.008) 57.20ppm

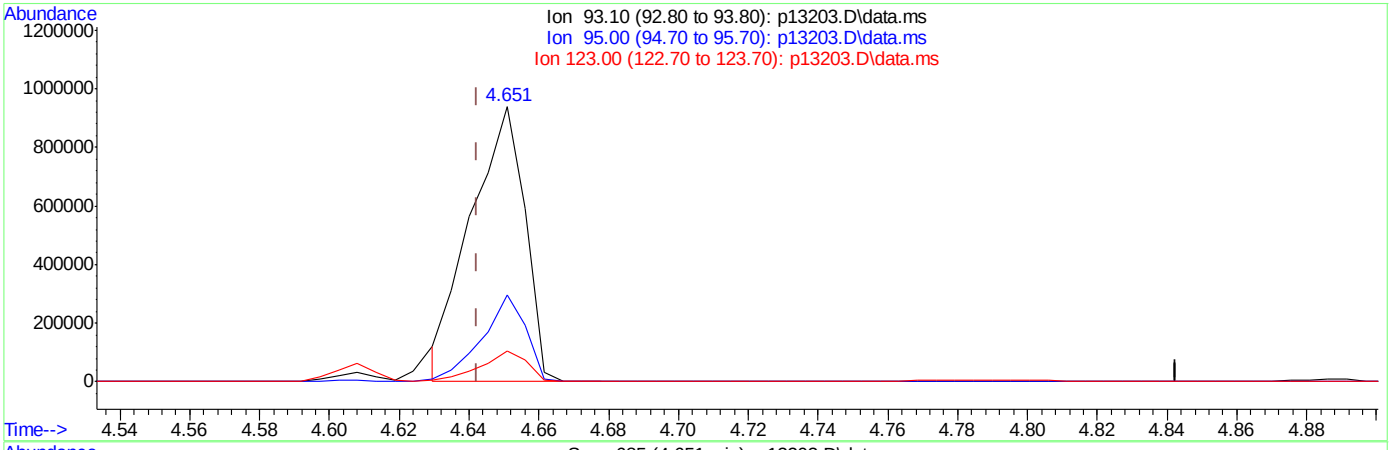
response 1065447

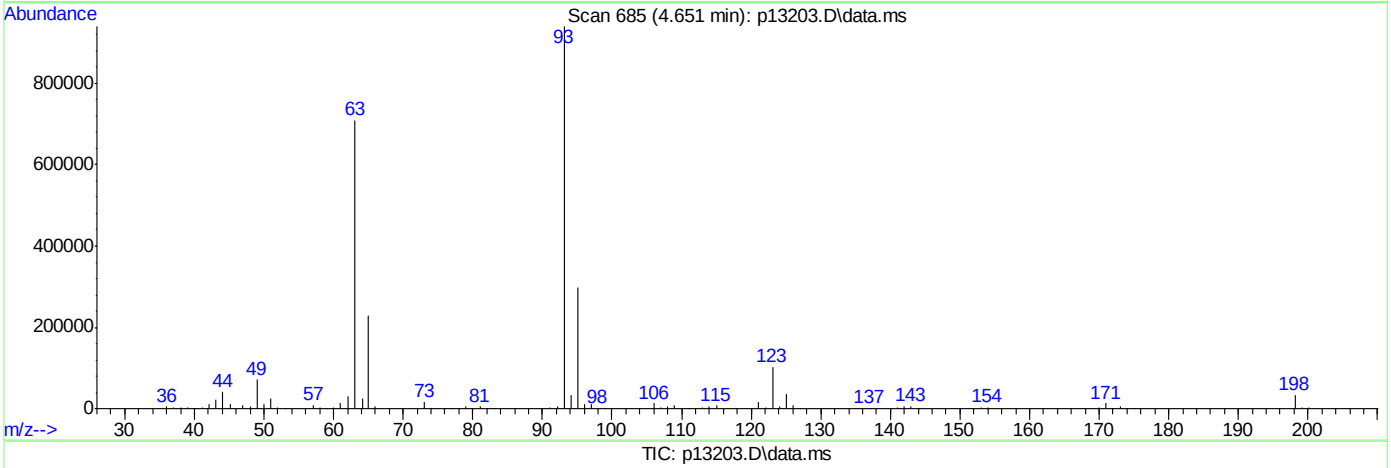
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	24.58
123.00	10.10	9.06
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(39) bis(2-Chloroethoxy)methane

4.651min (+0.008) 54.45ppm m

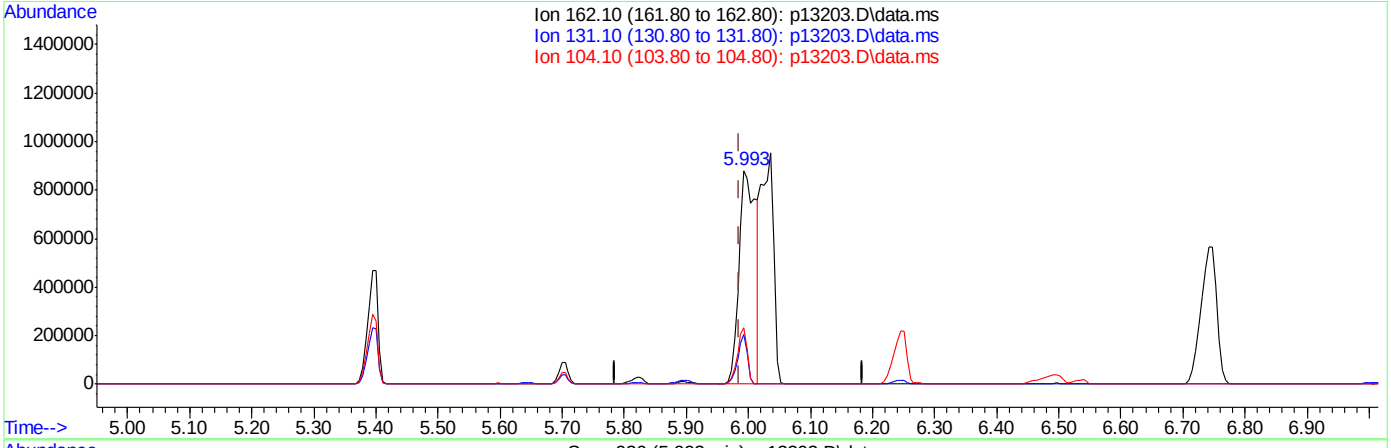
response 1014182

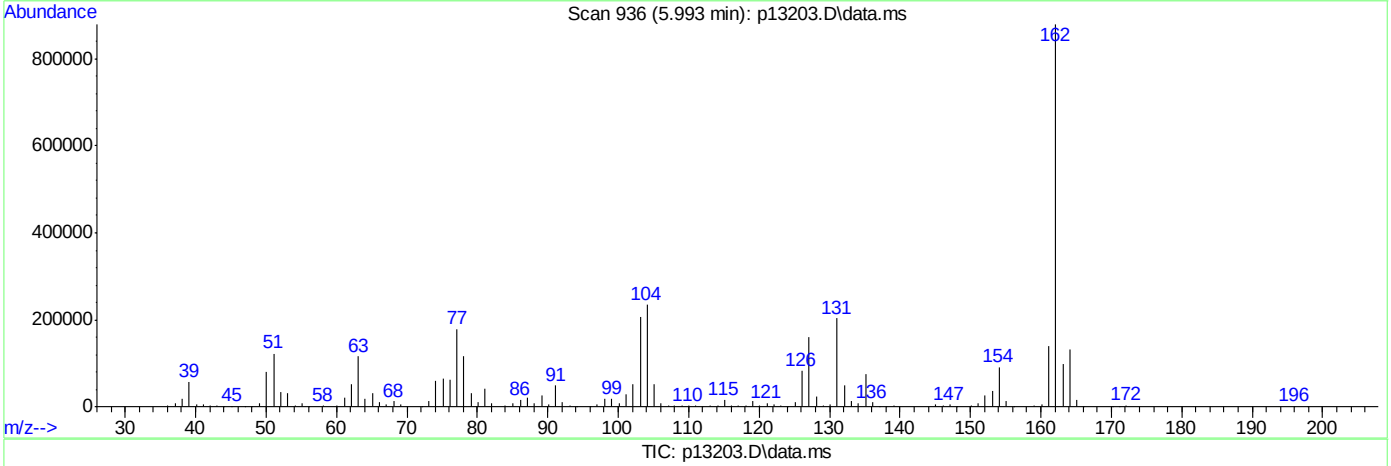
Ion	Exp%	Act%
93.10	100	100
95.00	27.90	25.82
123.00	10.10	9.51
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(62) Safrole

5.993min (+0.008) 73.34ppm

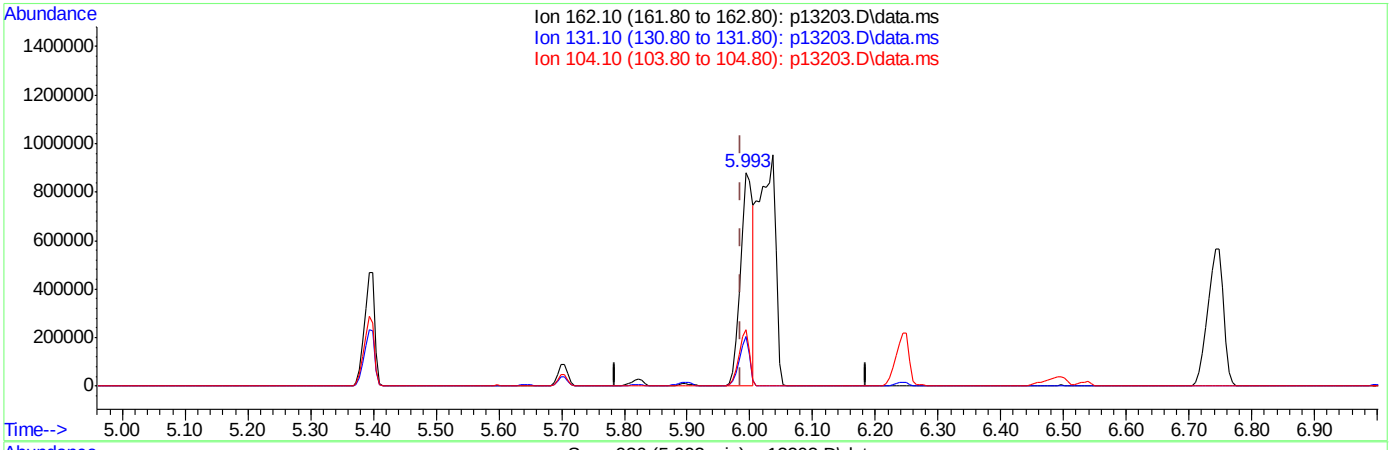
response 1691304

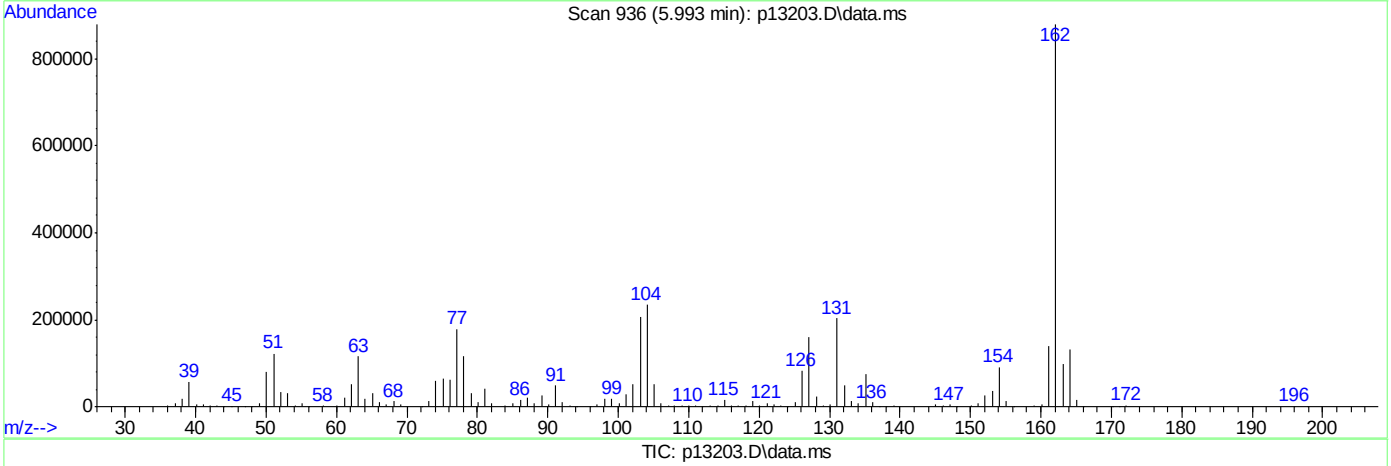
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	13.50#
104.10	31.70	15.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(62) Safrole

5.993min (+0.008) 57.66ppm m

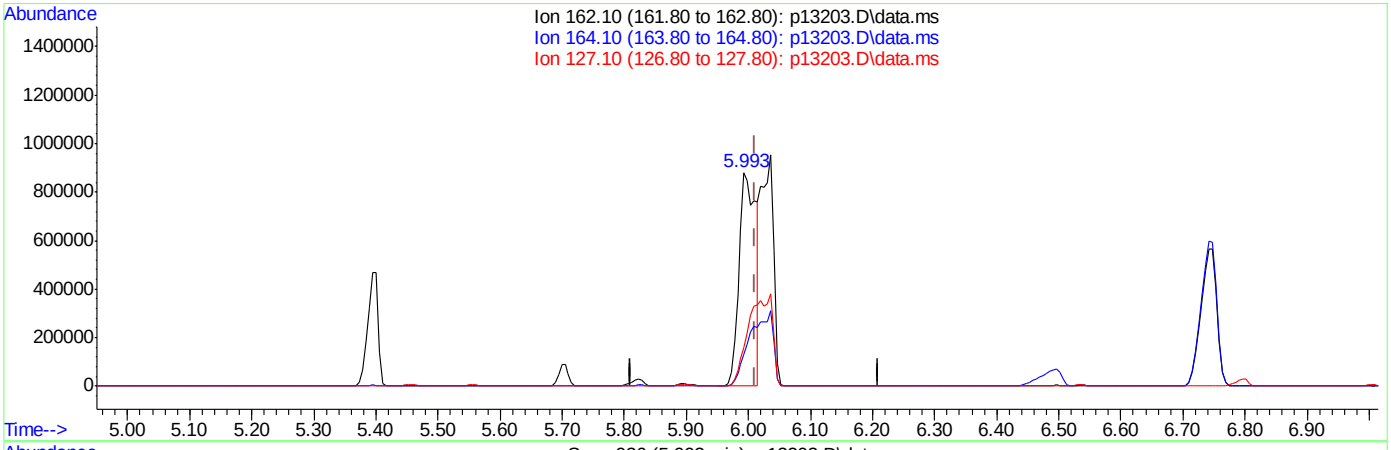
response 1206051

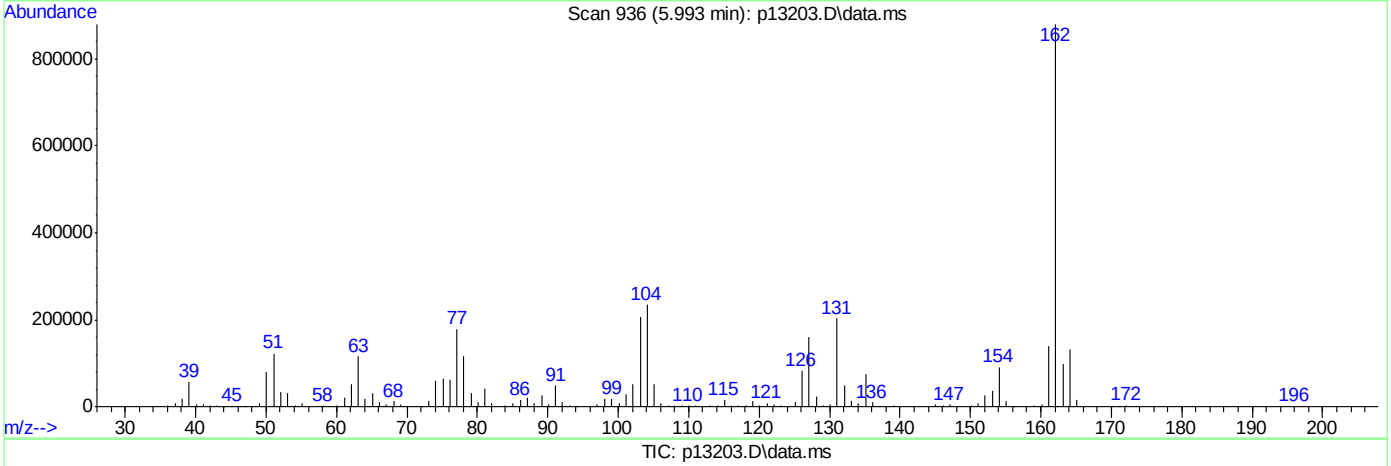
Ion	Exp%	Act%
162.10	100	100
131.10	26.30	18.93#
104.10	31.70	22.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(64) 2-Chloronaphthalene

5.993min (-0.018) 73.59ppm

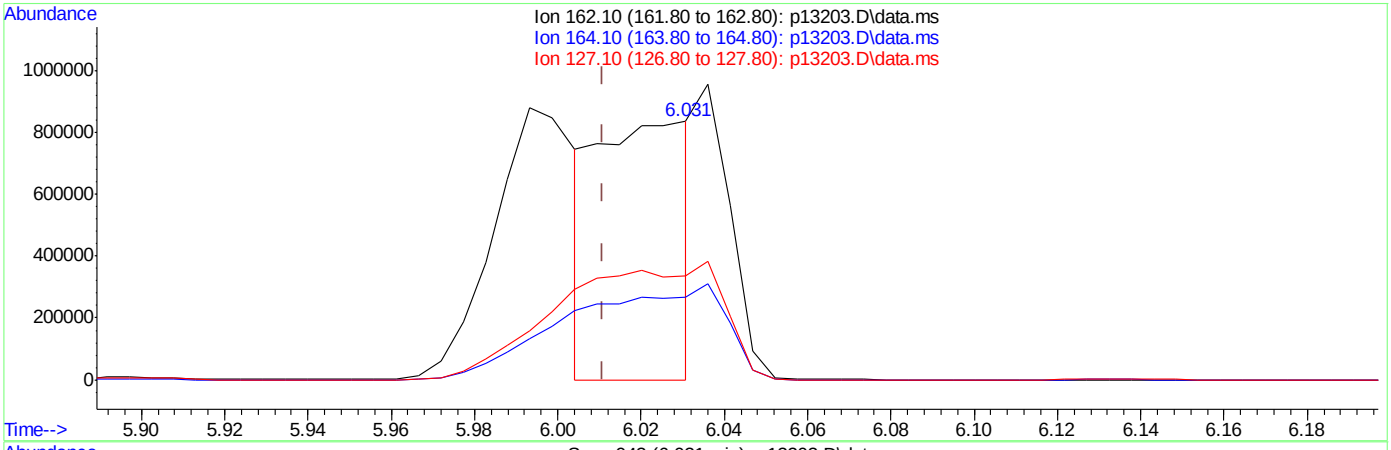
response 1691304

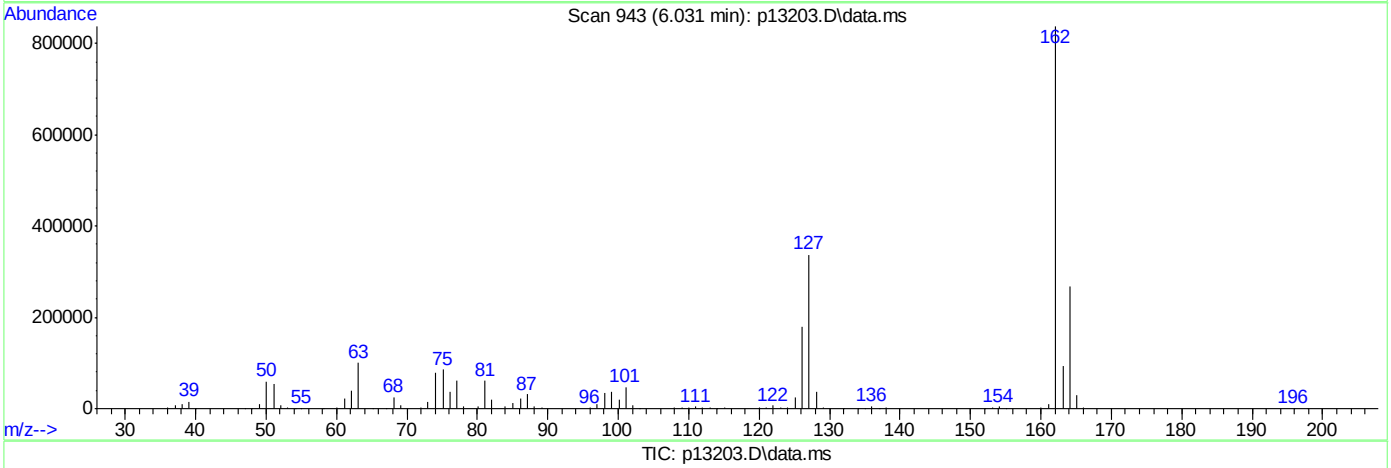
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(64) 2-Chloronaphthalene

6.031min (+0.020) 53.82ppm m

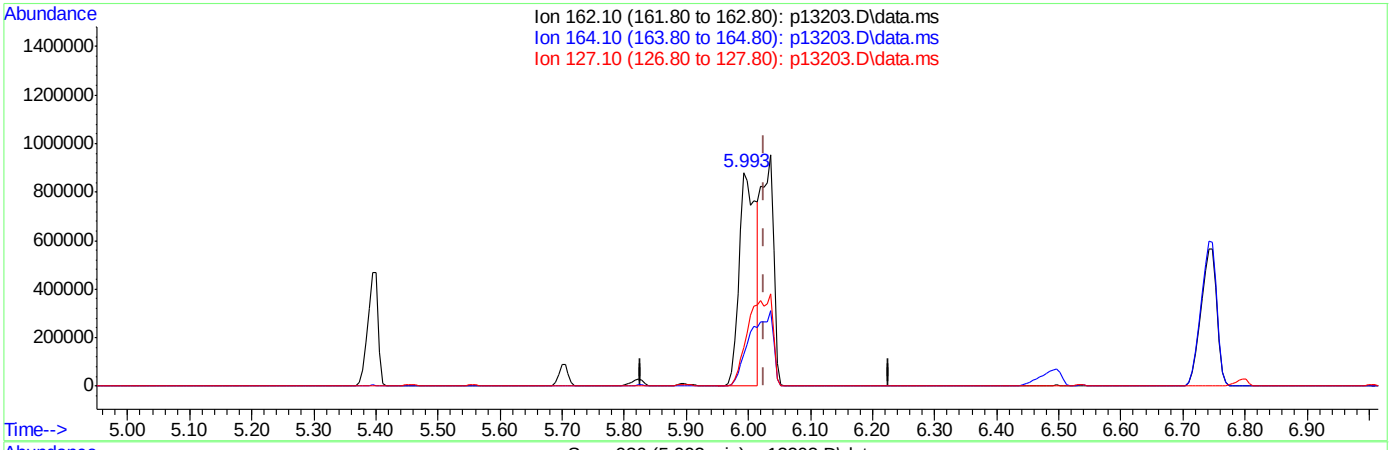
response 1284719

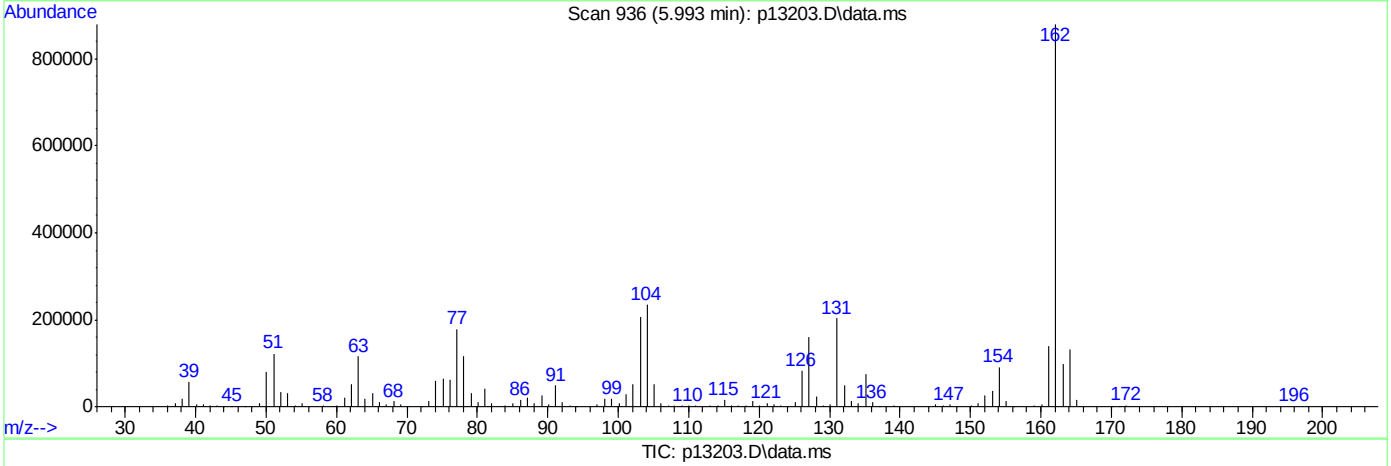
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(65) 1-Chloronaphthalene

5.993min (-0.033) 102.28ppm

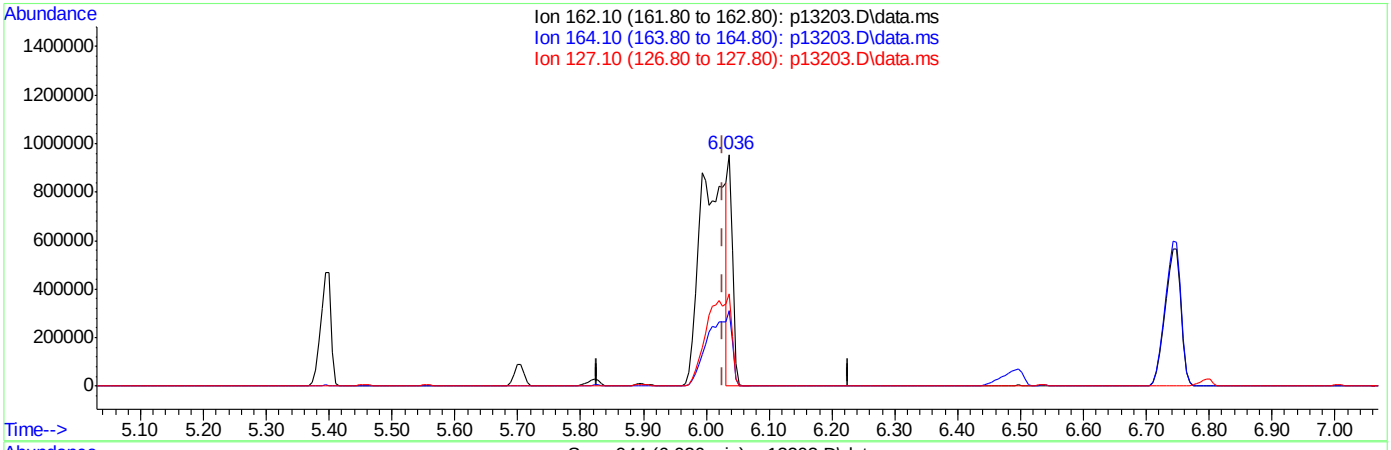
response 1691304

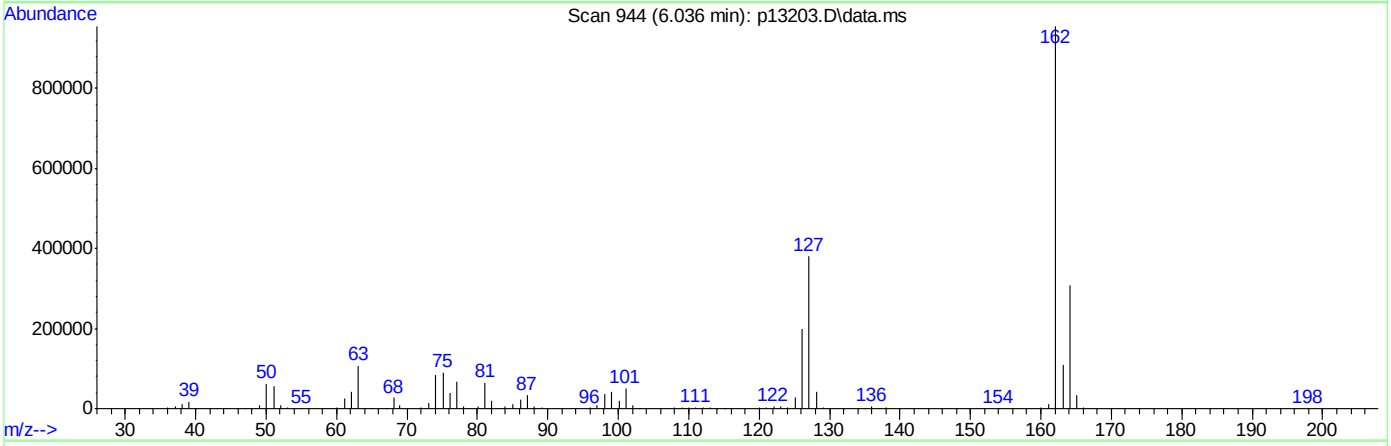
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(65) 1-Chloronaphthalene

6.036min (+0.009) 31.42ppm m

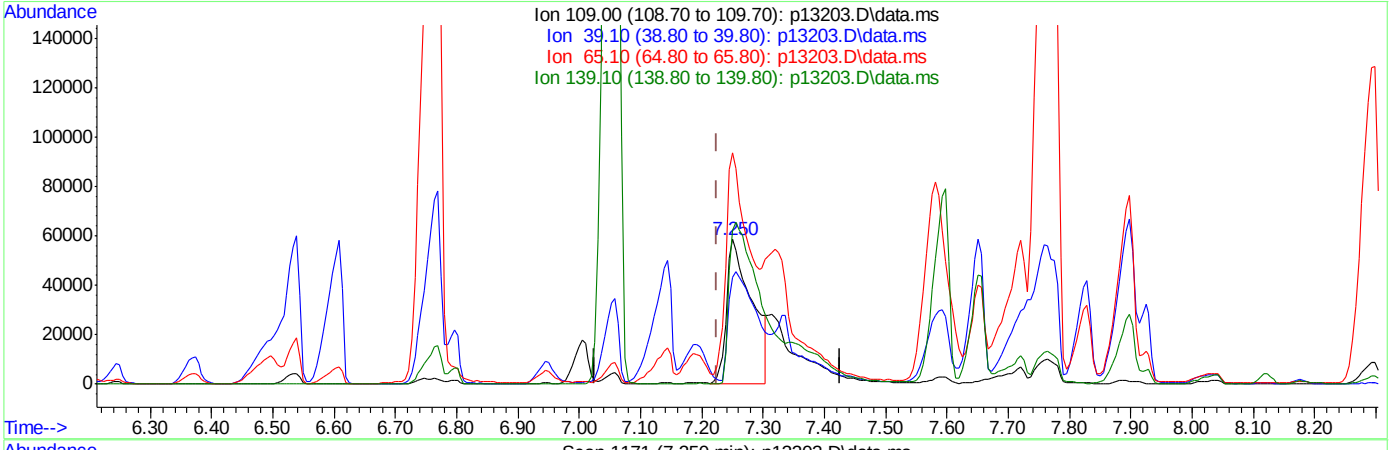
response 519610

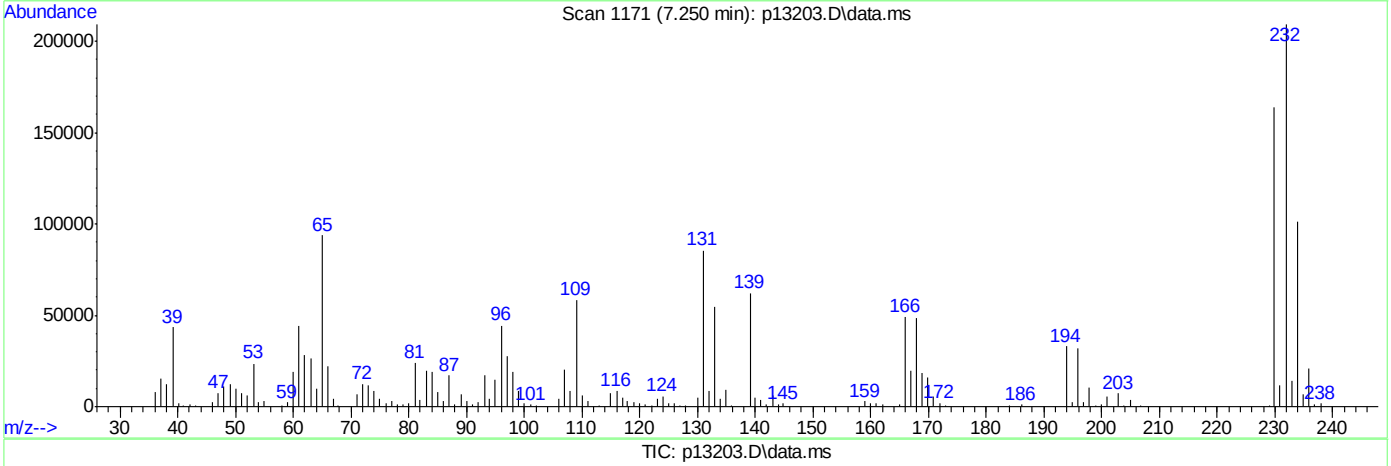
Ion	Exp%	Act%
162.10	100	100
164.10	0.00	0.00
127.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(78) 4-Nitrophenol (P)

7.250min (+0.025) 39.60ppm

response 167298

Ion	Exp%	Act%
109.00	100	100
39.10	83.80	82.22
65.10	153.10	135.28
139.10	157.30	171.52

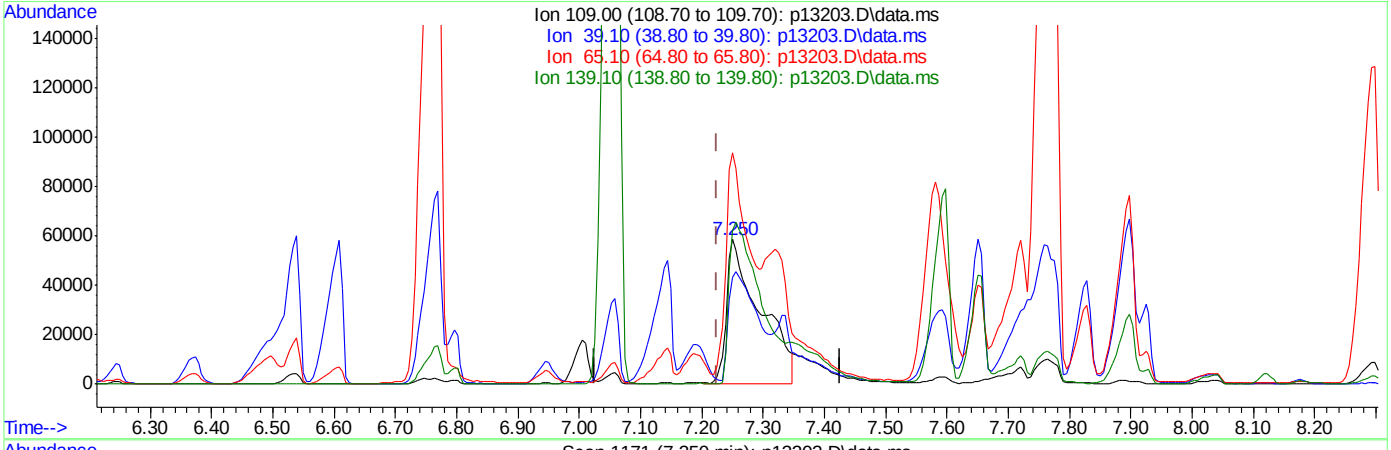
8.6.18.26

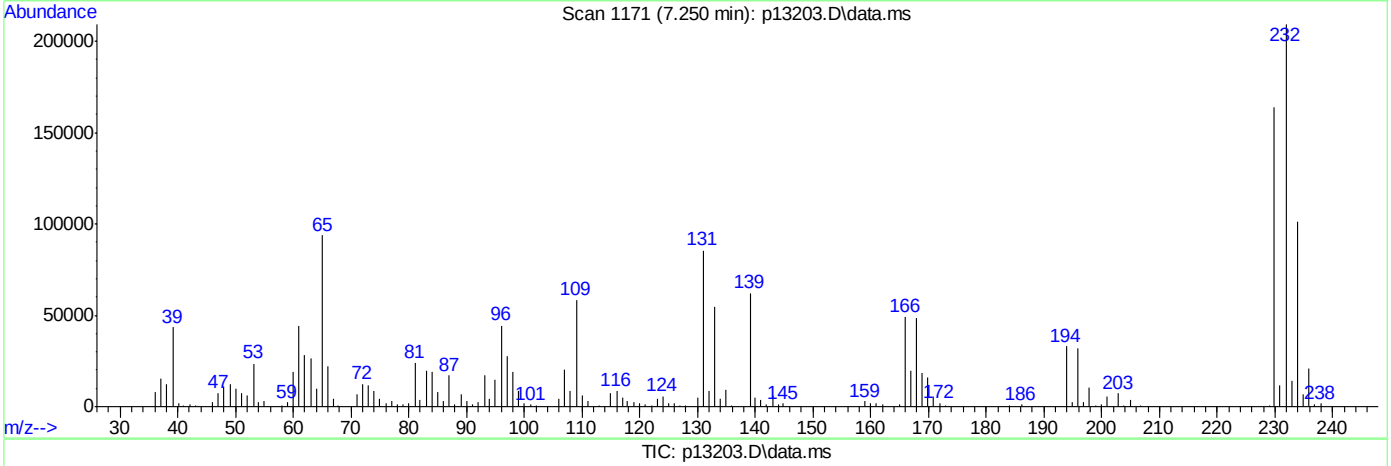
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(78) 4-Nitrophenol (P)

7.250min (+0.025) 52.17ppm m

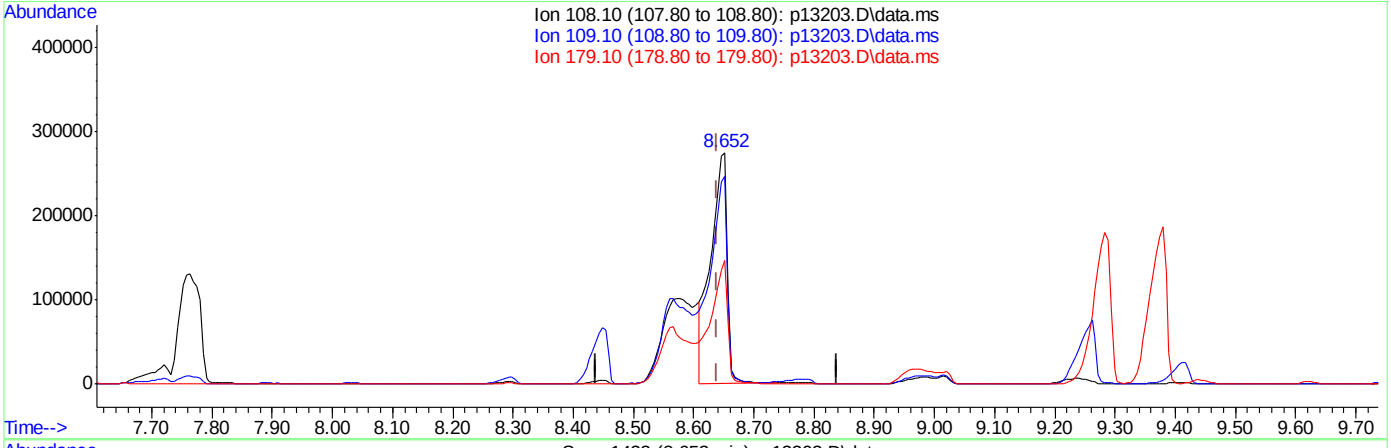
response 222177

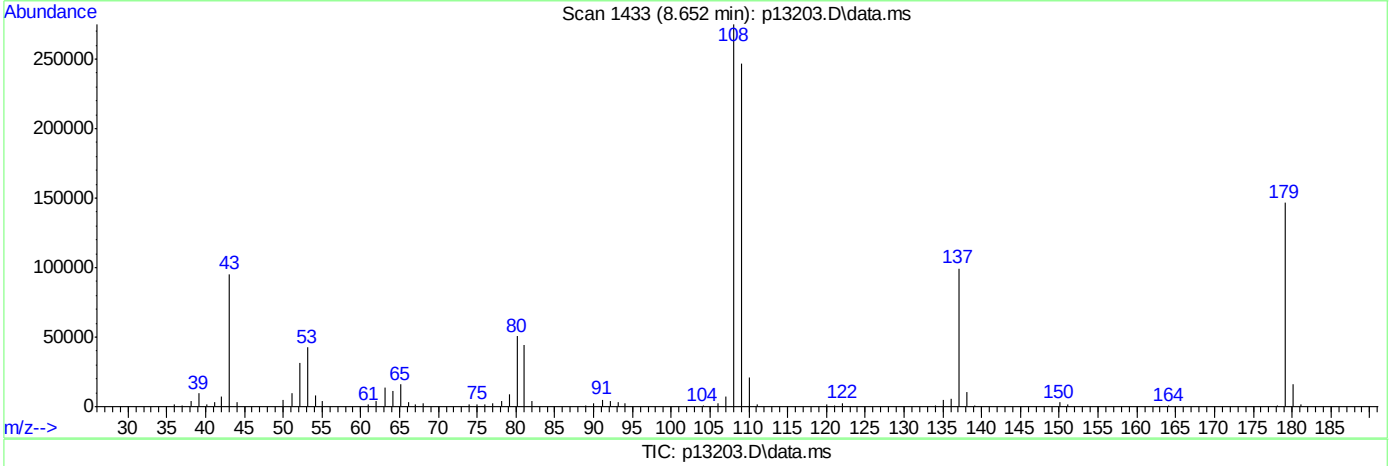
Ion	Exp%	Act%
109.00	100	100
39.10	83.80	61.91
65.10	153.10	101.87#
139.10	157.30	129.16

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(99) Phenacetin

8.652min (+0.013) 27.00ppm

response 520843

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	89.09#
179.10	33.00	53.23#
0.00	0.00	0.00

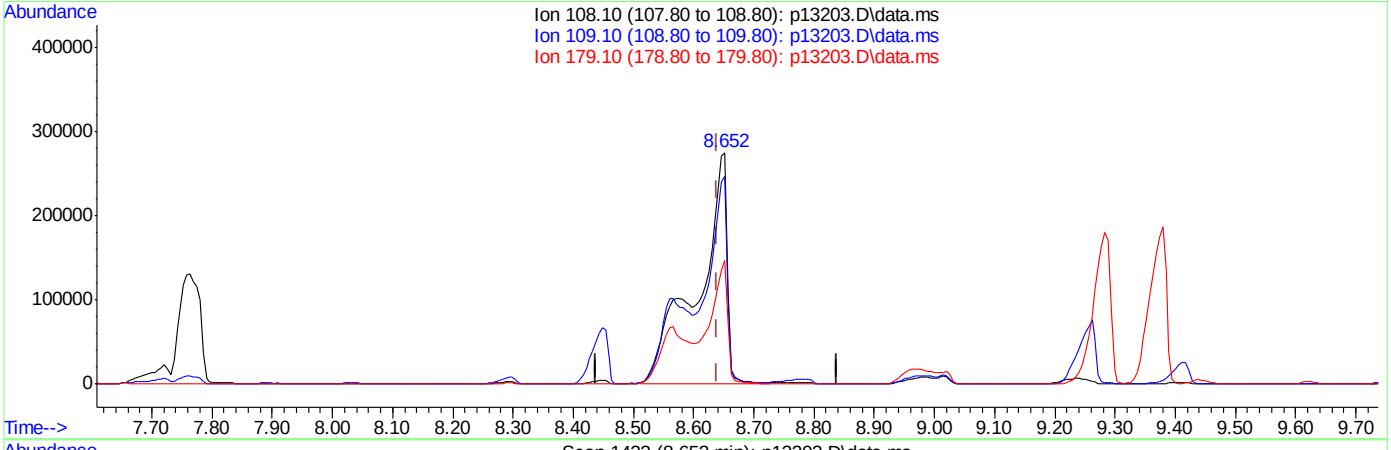
8.6.18.28

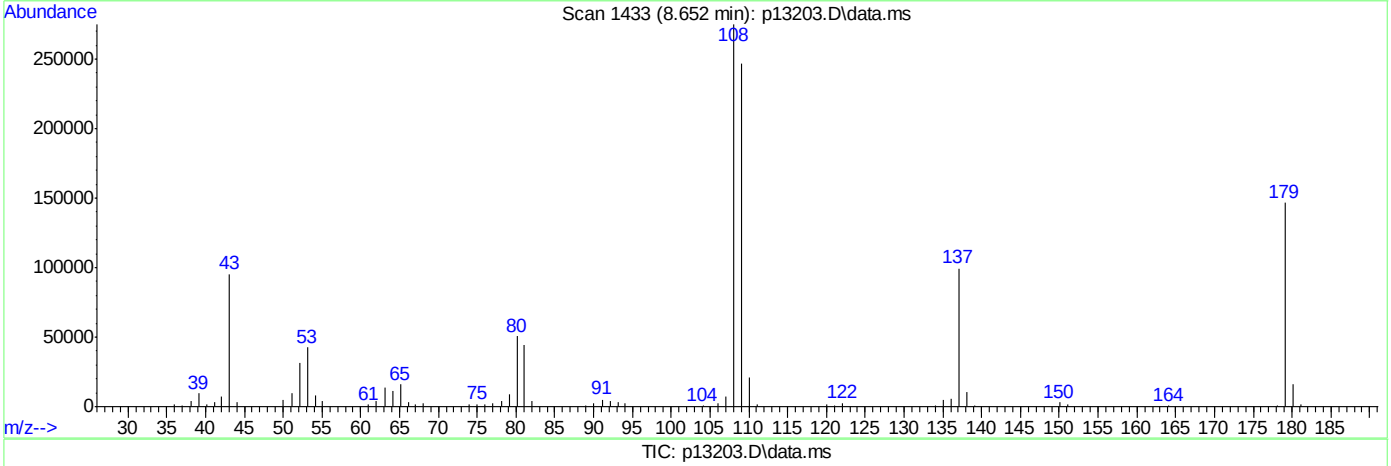
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(99) Phenacetin

8.652min (+0.013) 48.50ppm m

response 935691

Ion	Exp%	Act%
108.10	100	100
109.10	56.00	49.59
179.10	33.00	29.63
0.00	0.00	0.00

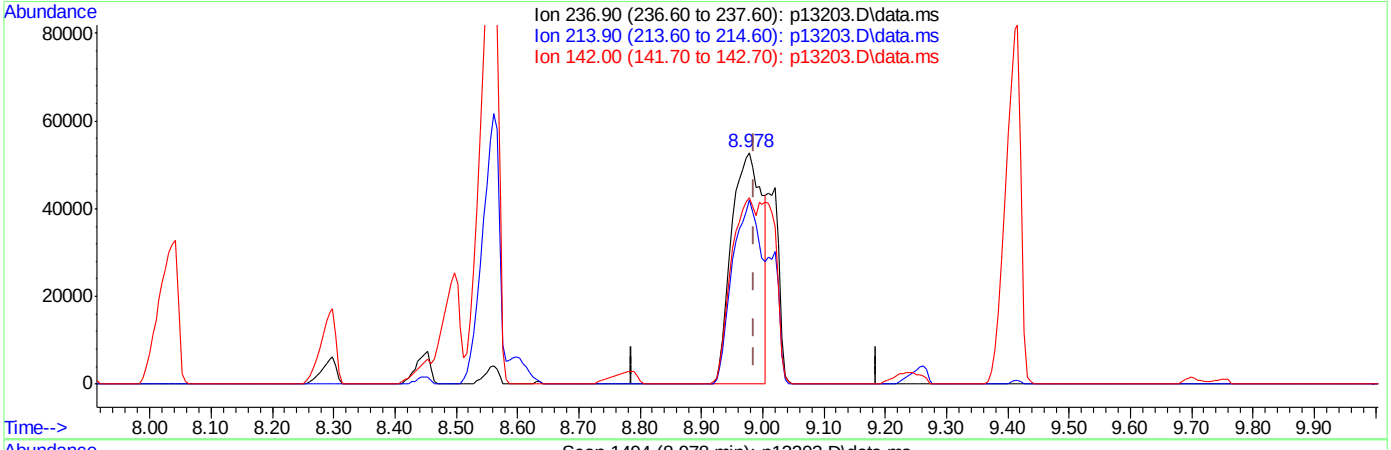
8.6.18.29

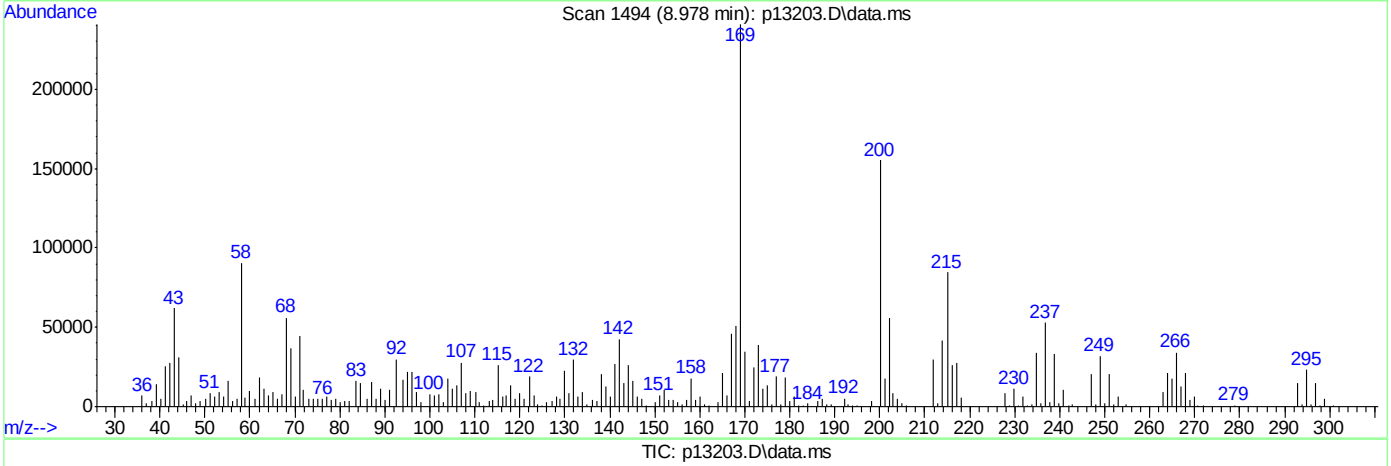
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





TIC: p13203.D\data.ms

(105) Pentachloronitrobenzene

8.978min (-0.008) 37.71ppm

response 183341

Ion	Exp%	Act%
236.90	100	100
213.90	74.00	74.66
142.00	87.30	63.31#
0.00	0.00	0.00

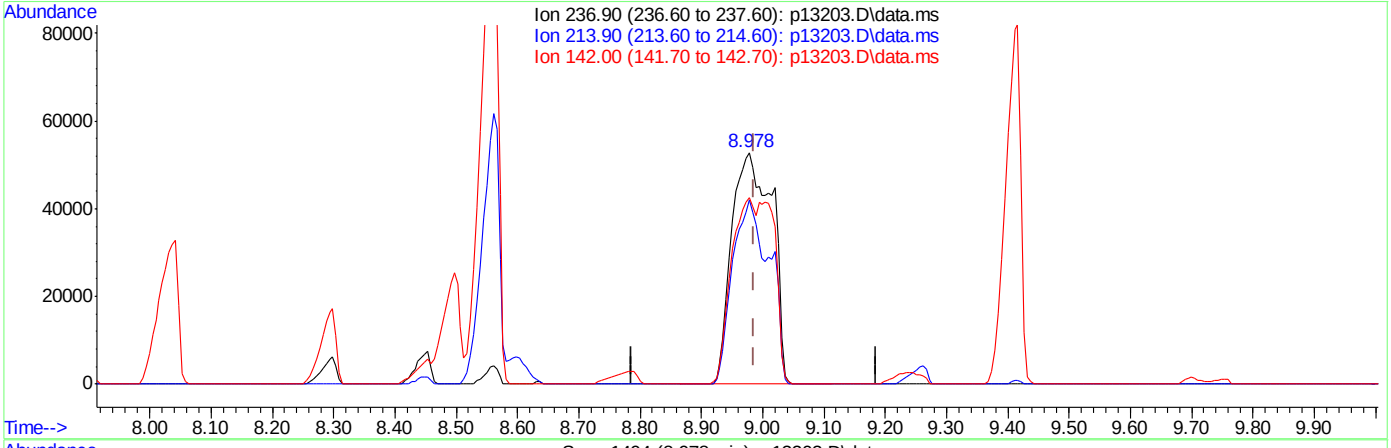
8.6.18.30

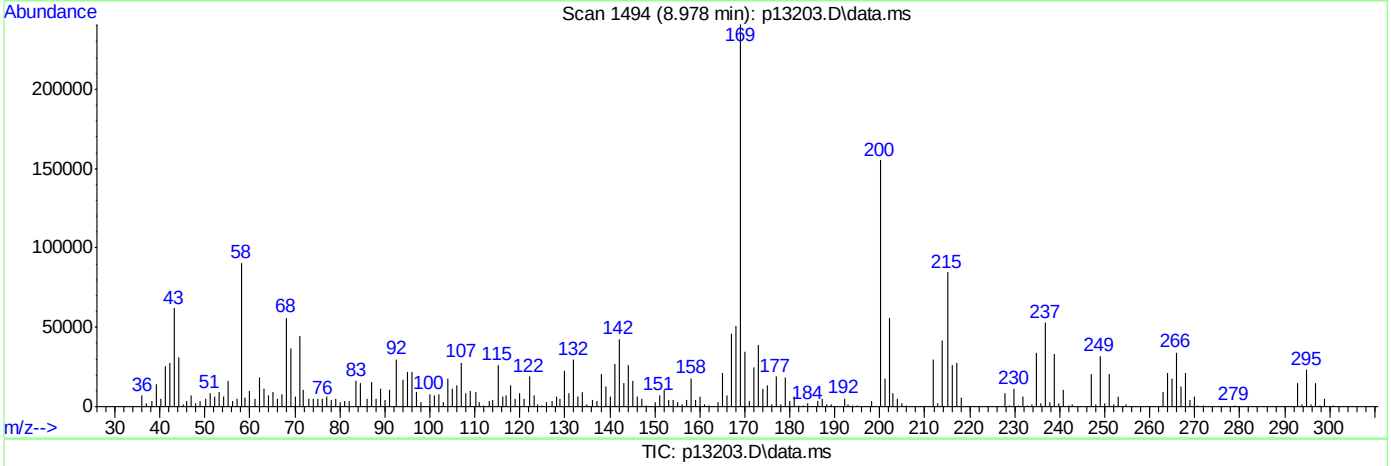
8

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On    :  7 Sep 2010   9:10 am
Operator  : garyj
Sample    : cc621-50
Misc      : op13254,Ep624,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 09:39:01 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title  : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration
```





(105) Pentachloronitrobenzene

8.978min (-0.008) 49.36ppm m

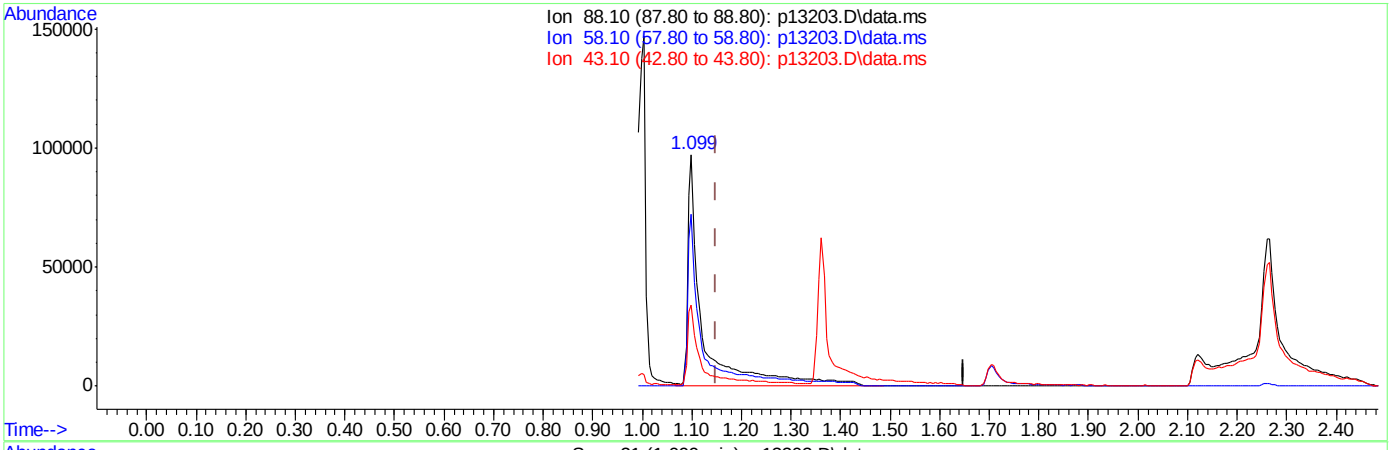
response 239966

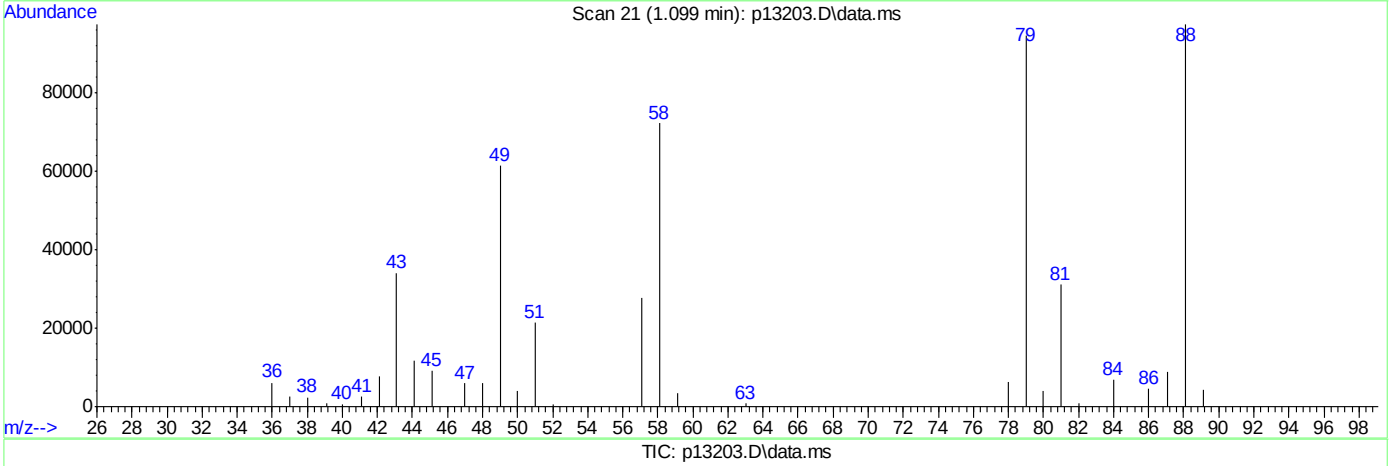
Ion	Exp%	Act%
236.90	100	100
213.90	74.00	57.05#
142.00	87.30	48.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ep624\
Data File : p13203.D
Acq On : 7 Sep 2010 9:10 am
Operator : garyj
Sample : cc621-50
Misc : op13254,Ep624,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 09:42:09 2010
Quant Method : C:\msdchem\1\METHODS\ep621a9.m
Quant Title : SW846 8270C Appendix 9
QLast Update : Tue Sep 07 09:38:25 2010
Response via : Initial Calibration





TIC: p13203.D\data.ms

(3) 1,4-Dioxane

1.099min (-0.050) 50.80ppm m

response 206012

Ion	Exp%	Act%
88.10	100	100
58.10	79.30	70.42
43.10	0.00	27.33
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1377.D
Acq On : 7 Sep 2010 10:22 am
Operator : murtuzak
Sample : ic81-1.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 11:46:44 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	253188	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	209352	4.00	ug/ml	#-0.02
11) Phenanthrene-d10	9.863	188	378664	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	212031	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	111355	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	243946	9.36	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery	=	18.72%	
7) 2-Fluorobiphenyl (SURR)	6.481	172	590594	7.22	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery	=	14.44%#	
17) Terphenyl-d14	13.006	244	327245	5.84	ug/ml	-0.03
Spiked Amount 50.000	Range 10 - 160		Recovery	=	11.68%	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	117293	1.06	ug/ml#	84
4) 2-Methylnaphthalene	6.026	142	102766	1.68	ug/ml#	100
5) 1-Methylnaphthalene	6.134	142	91402	1.55	ug/ml#	93
8) Acenaphthylene	7.146	152	125106	1.37	ug/ml	98
9) Acenaphthene	7.412	154	85294	1.26	ug/ml	79
10) Fluorene	8.233	166	80099	1.11	ug/ml#	96
12) Phenanthrene	9.904	178	140729	1.04	ug/ml	100
13) Anthracene	9.988	178	125933	1.05	ug/ml	100
14) Fluoranthene	12.135	202	111375	0.96	ug/ml	100
16) Pyrene	12.534	202	115592	1.14	ug/ml	100
18) Benzo(a)anthracene	14.911	228	58038	0.97	ug/ml#	82
19) Chrysene	14.963	228	67550	0.98	ug/ml#	82
21) Benzo(b)fluoranthene	16.871	252	25193	0.85	ug/ml#	60
22) Benzo(k)fluoranthene	16.912	252	53032	1.10	ug/ml#	59
23) Benzo(a)pyrene	17.402	252	25093	0.88	ug/ml#	59
24) Indeno(1,2,3-cd)pyrene	19.122	276	20369m	0.86	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	15082	0.84	ug/ml#	53
26) Benzo(g,h,i)perylene	19.466	276	23938	0.97	ug/ml#	50

(#) = qualifier out of range (m) = manual integration (+) = signals summed

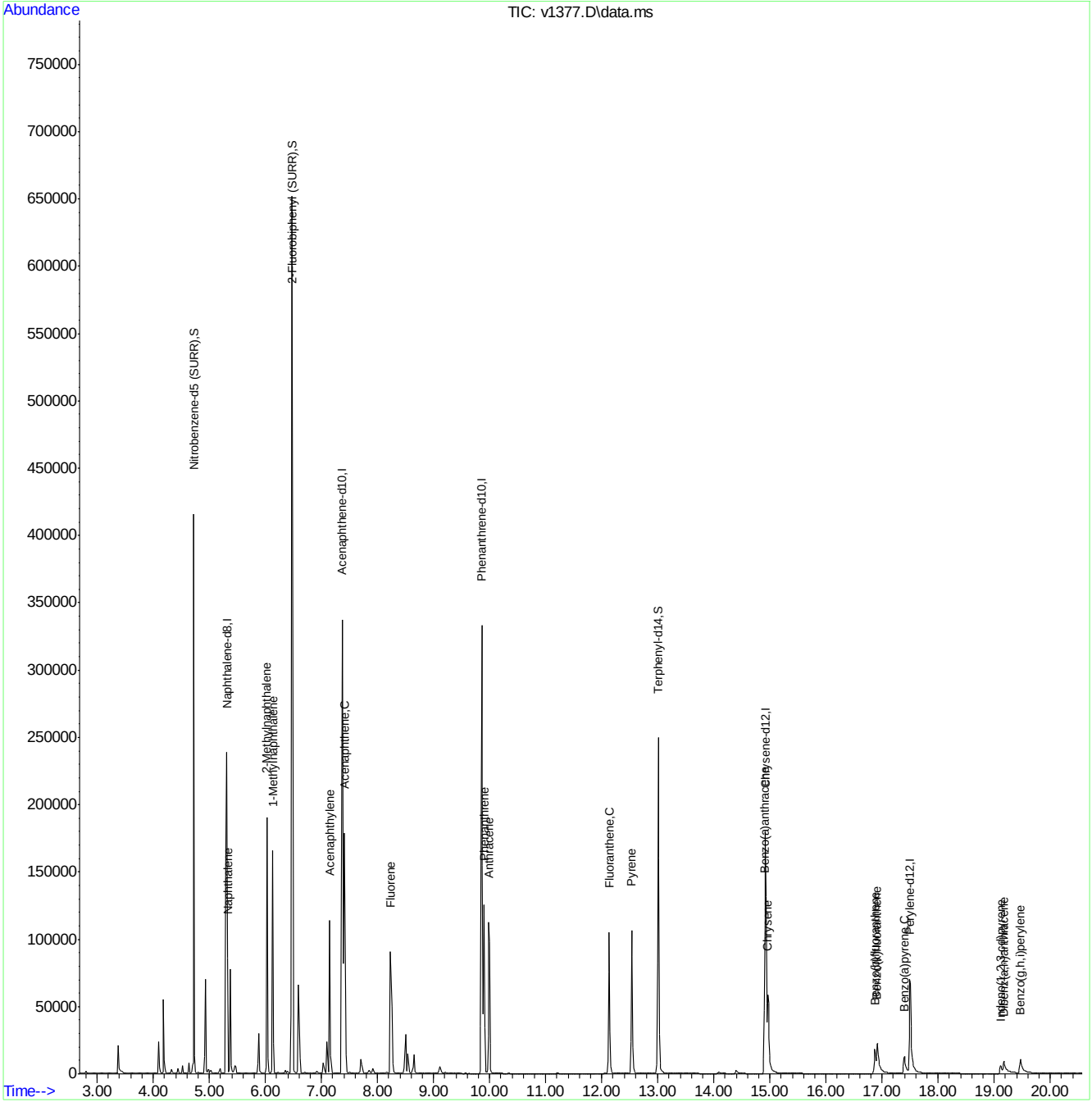
8.6.19

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1377.D
Acq On : 7 Sep 2010 10:22 am
Operator : murtuzak
Sample : ic81-1.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

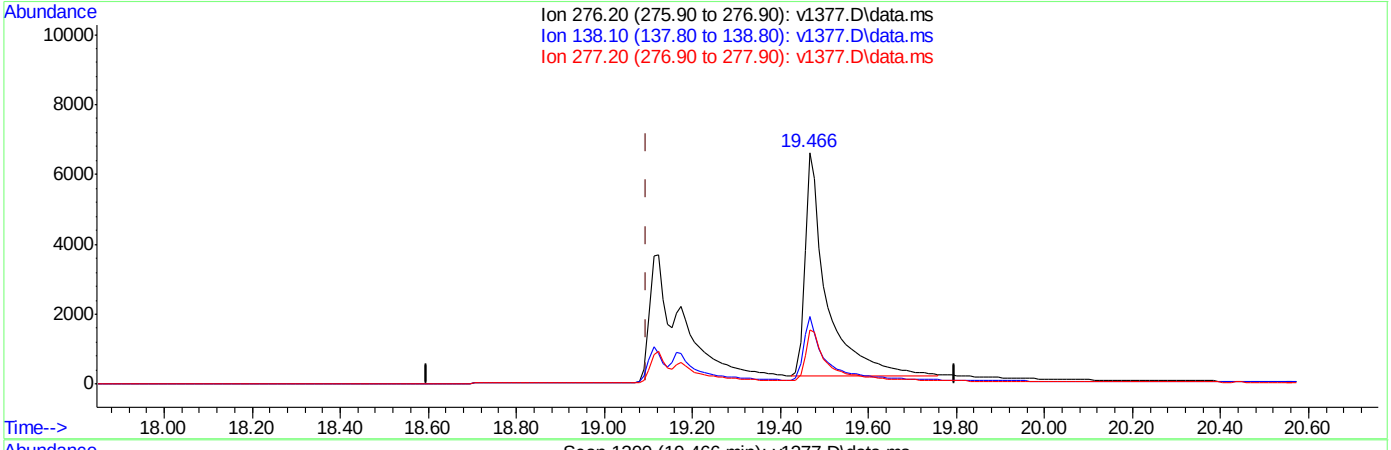
Quant Time: Sep 07 11:46:44 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration

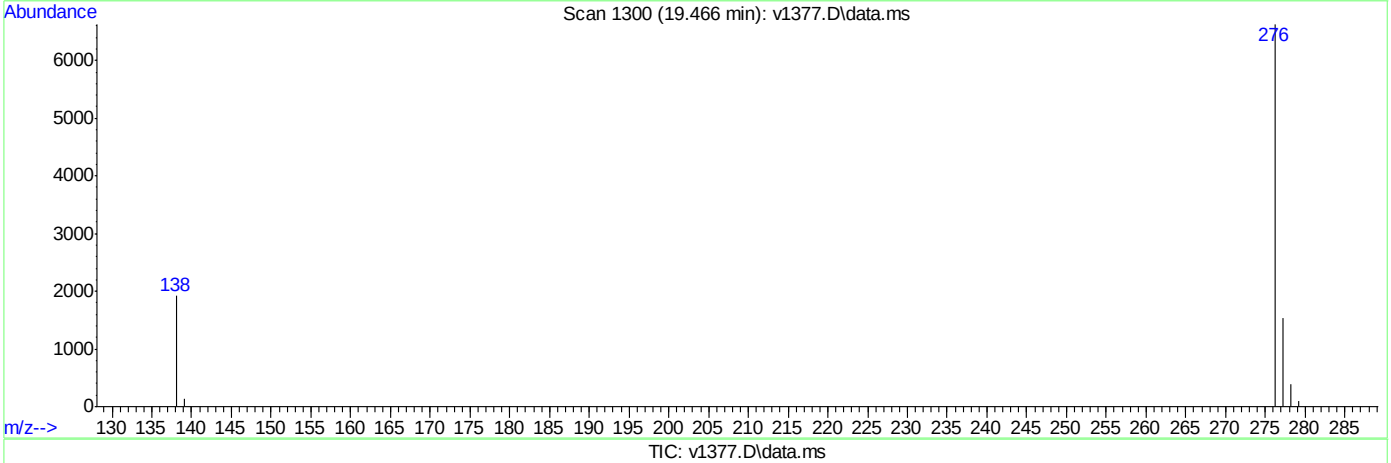


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1377.D
Acq On    :  7 Sep 2010  10:22 am
Operator  : murtuzak
Sample    : ic81-1.0
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:46:13 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration
```





TIC: v1377.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.466min (+0.369) 0.93ug/ml

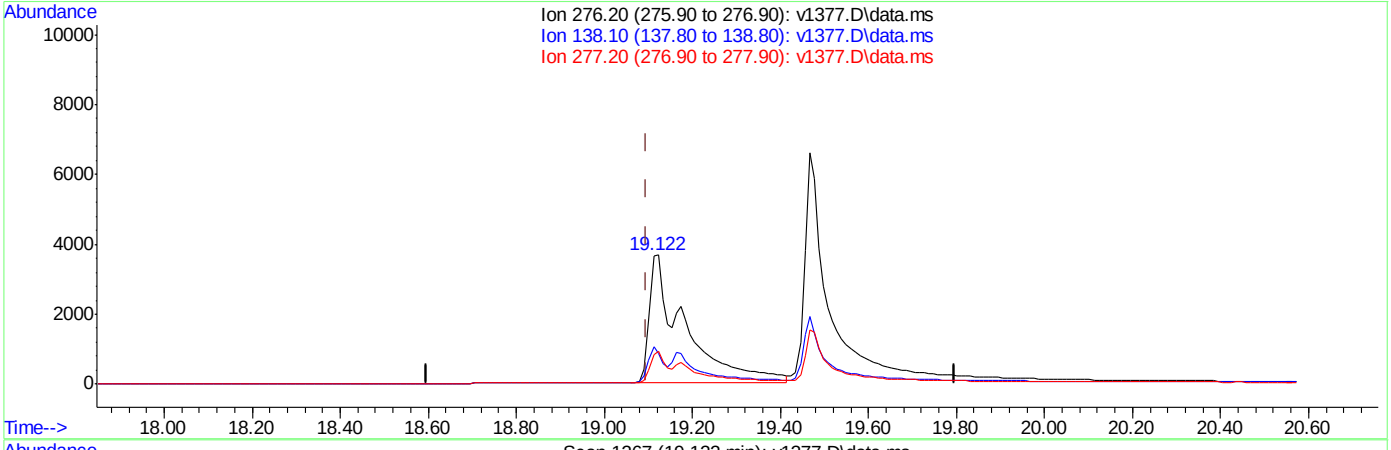
response 22015

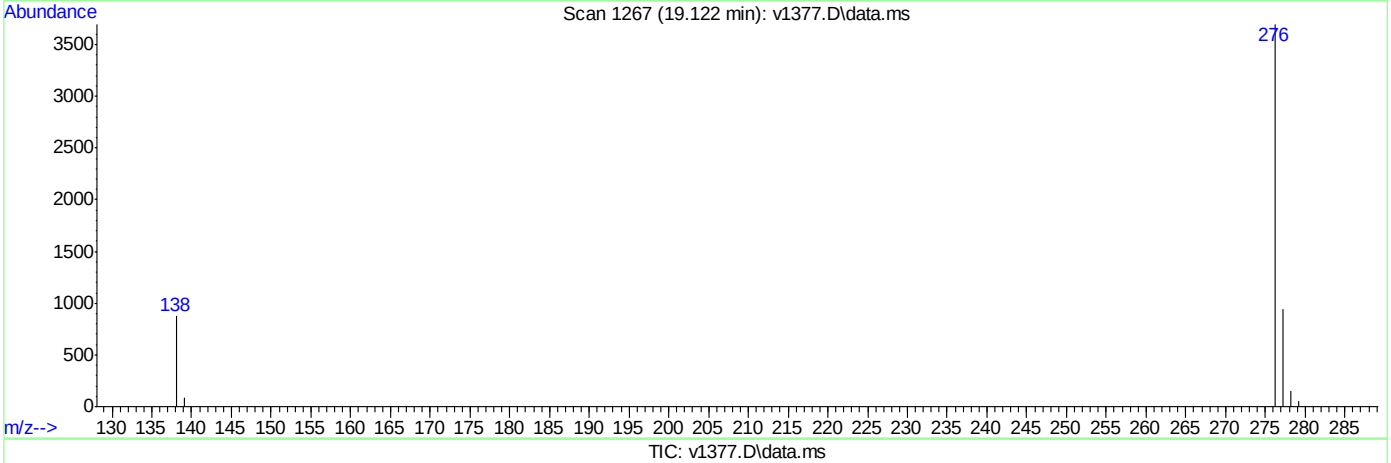
Ion	Exp%	Act%
276.20	100	100
138.10	25.90	0.00#
277.20	22.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1377.D
Acq On    :  7 Sep 2010  10:22 am
Operator  : murtuzak
Sample    : ic81-1.0
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 11:46:13 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration
```





TIC: v1377.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.025) 0.86ug/ml m

response 20369

Ion	Exp%	Act%
276.20	100	100
138.10	25.90	0.00#
277.20	22.20	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1378.D
Acq On : 7 Sep 2010 10:48 am
Operator : murtuzak
Sample : icc81-2.5
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 07 11:45:50 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:45:23 2010
Response via : Initial Calibration

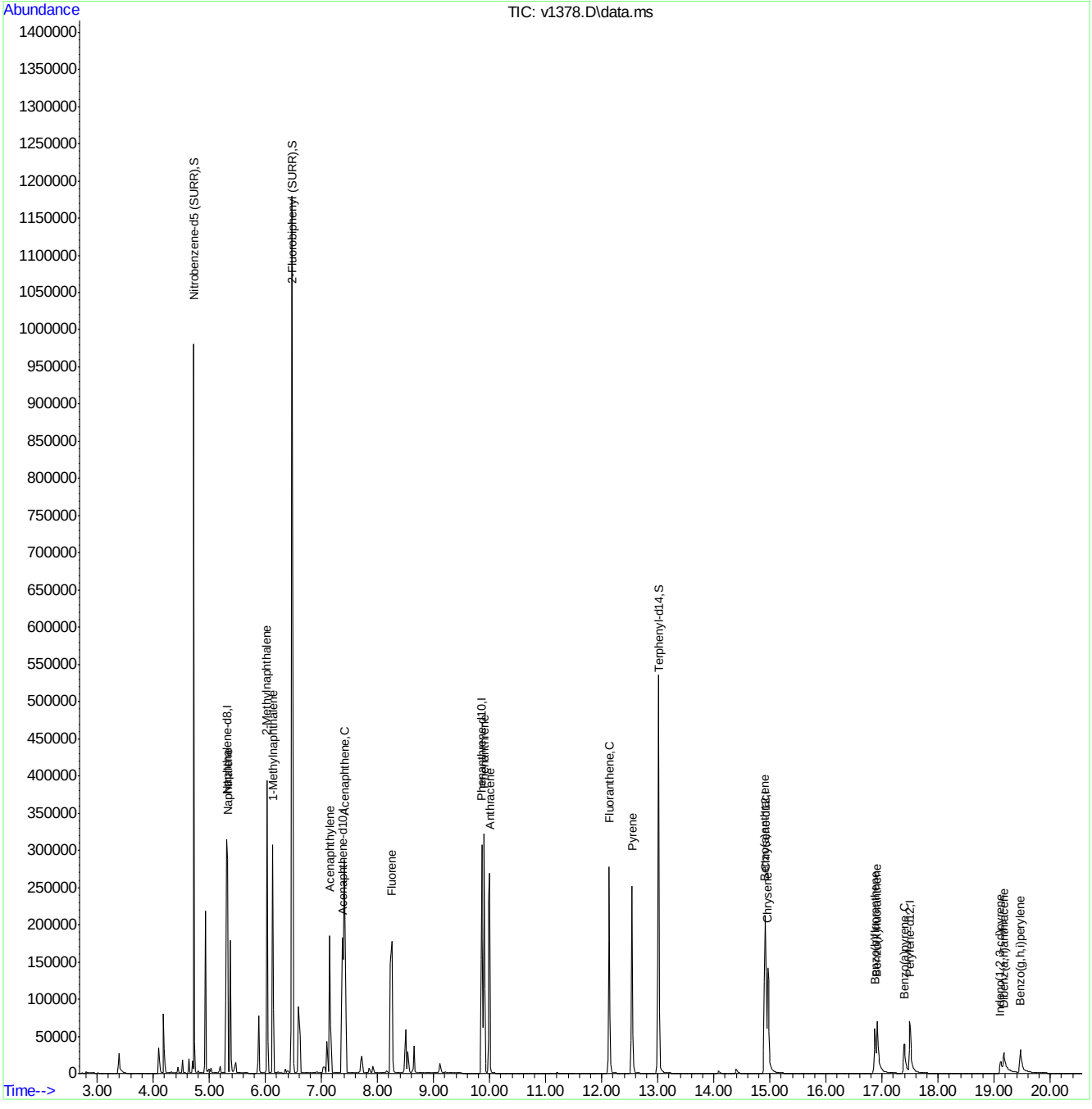
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	251039	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	177093	4.00	ug/ml	# 0.00
11) Phenanthrene-d10	9.863	188	353002	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	216008	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	105527	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	658163	21.72	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 43.44%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1032077	14.92	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 29.84%			
17) Terphenyl-d14	13.018	244	780152	13.66	ug/ml	-0.02
Spiked Amount 50.000	Range 10 - 160		Recovery = 27.32%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	287891	2.62	ug/ml	98
4) 2-Methylnaphthalene	6.026	142	217772	3.60	ug/ml#	97
5) 1-Methylnaphthalene	6.134	142	189274	3.24	ug/ml#	92
8) Acenaphthylene	7.146	152	248376	3.21	ug/ml	99
9) Acenaphthene	7.412	154	158372	2.77	ug/ml	81
10) Fluorene	8.255	166	194024	3.18	ug/ml	93
12) Phenanthrene	9.904	178	322876	2.57	ug/ml	100
13) Anthracene	9.998	178	298034	2.67	ug/ml	100
14) Fluoranthene	12.135	202	278599	2.31	ug/ml	100
16) Pyrene	12.546	202	286256	2.78	ug/ml	100
18) Benzo(a)anthracene	14.911	228	154135	2.54	ug/ml	100
19) Chrysene	14.963	228	173160	2.47	ug/ml	100
21) Benzo(b)fluoranthene	16.871	252	78798	2.17	ug/ml#	88
22) Benzo(k)fluoranthene	16.912	252	144082	2.64	ug/ml	99
23) Benzo(a)pyrene	17.402	252	73600	2.16	ug/ml#	87
24) Indeno(1,2,3-cd)pyrene	19.112	276	58598m	2.04	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	43916	2.01	ug/ml#	53
26) Benzo(g,h,i)perylene	19.466	276	68343	2.29	ug/ml	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1378.D
Acq On : 7 Sep 2010 10:48 am
Operator : murtuzak
Sample : icc81-2.5
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 3 Sample Multiplier: 1

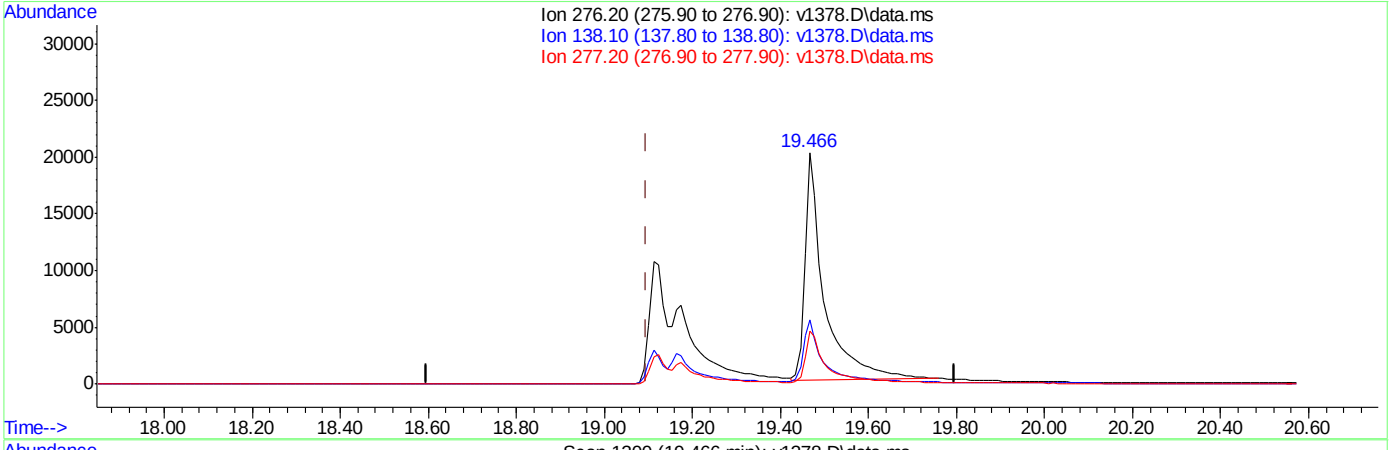
Quant Time: Sep 07 11:45:50 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:45:23 2010
Response via : Initial Calibration

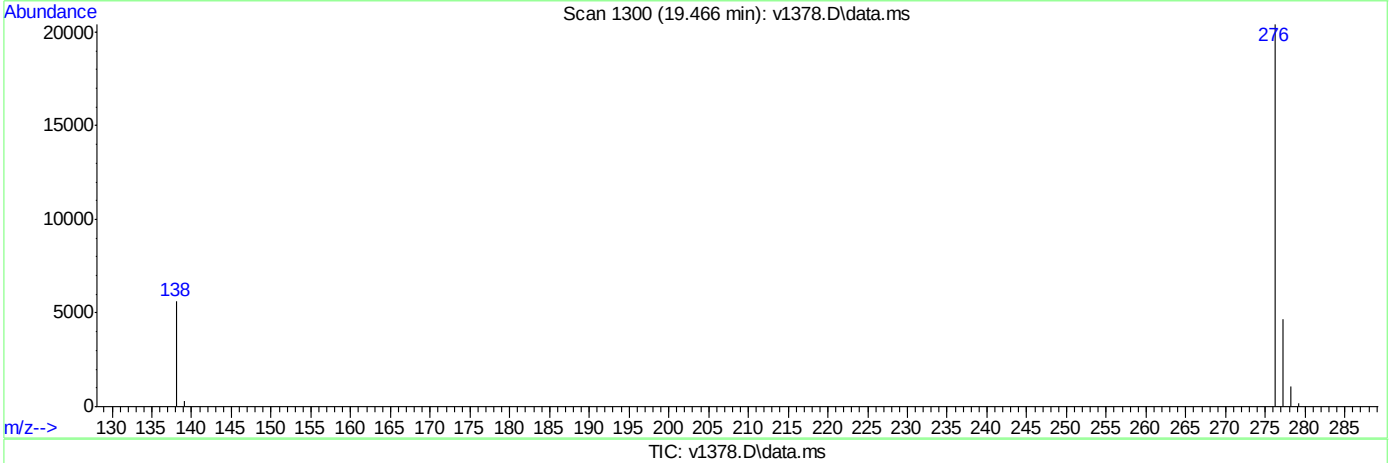


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1378.D
Acq On    :  7 Sep 2010  10:48 am
Operator  : murtuzak
Sample    : icc81-2.5
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 07 11:45:28 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:45:23 2010
Response via : Initial Calibration
```





TIC: v1378.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.466min (+0.369) 2.15ug/ml

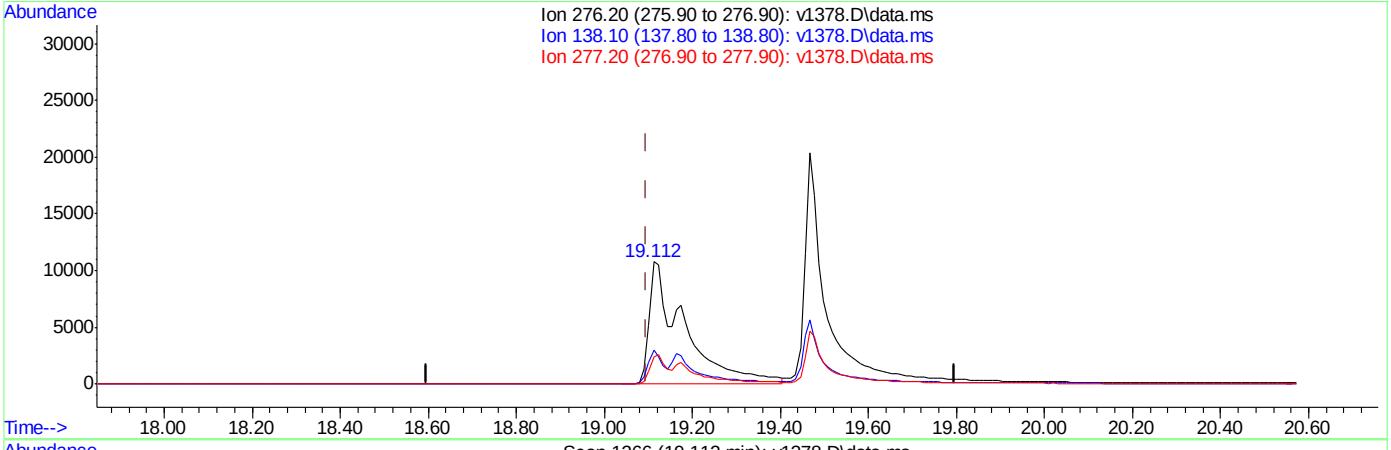
response 62182

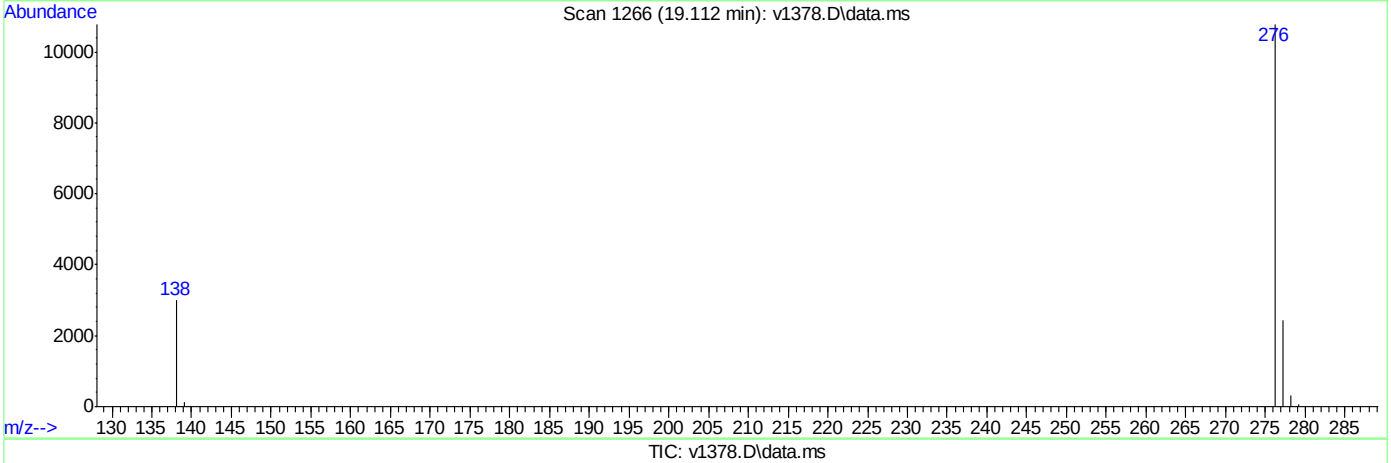
Ion	Exp%	Act%
276.20	100	100
138.10	25.90	26.78
277.20	22.20	22.84
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1378.D
Acq On    :  7 Sep 2010  10:48 am
Operator  : murtuzak
Sample    : icc81-2.5
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 3   Sample Multiplier: 1

Quant Time: Sep 07 11:45:28 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:45:23 2010
Response via : Initial Calibration
```





TIC: v1378.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.112min (+0.015) 2.04ug/ml m

response 58598

Ion	Exp%	Act%
276.20	100	100
138.10	25.90	28.42
277.20	22.20	24.24
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1379.D
Acq On : 7 Sep 2010 11:15 am
Operator : murtuzak
Sample : ic81-0.1
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 11:47:52 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	219031	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	150341	4.00	ug/ml	#-0.02
11) Phenanthrene-d10	9.863	188	297037	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	130882	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	57553	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	17659	0.78	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery	=	1.56%#	
7) 2-Fluorobiphenyl (SURR)	6.481	172	47106	0.80	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery	=	1.60%#	
17) Terphenyl-d14	13.006	244	19808	0.57	ug/ml	-0.03
Spiked Amount 50.000	Range 10 - 160		Recovery	=	1.14%#	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	8241	0.09	ug/ml	97
4) 2-Methylnaphthalene	6.026	142	6572	0.12	ug/ml#	97
5) 1-Methylnaphthalene	6.134	142	5928	0.12	ug/ml#	93
8) Acenaphthylene	7.146	152	7540	0.11	ug/ml	98
9) Acenaphthene	7.412	154	6196	0.13	ug/ml	89
10) Fluorene	8.255	166	5402	0.10	ug/ml	96
12) Phenanthrene	9.904	178	9740	0.09	ug/ml	97
13) Anthracene	9.998	178	6916	0.07	ug/ml	100
14) Fluoranthene	12.135	202	5424	0.06	ug/ml	99
16) Pyrene	12.546	202	5334	0.09	ug/ml	100
18) Benzo(a)anthracene	14.911	228	2759	0.07	ug/ml	96
19) Chrysene	14.963	228	3810	0.09	ug/ml	94
21) Benzo(b)fluoranthene	16.860	252	612	0.04	ug/ml#	88
22) Benzo(k)fluoranthene	16.912	252	1155	0.05	ug/ml	92
23) Benzo(a)pyrene	17.392	252	589	0.04	ug/ml#	87
24) Indeno(1,2,3-cd)pyrene	19.112	276	505m	0.04	ug/ml	
25) Dibenz(a,h)anthracene	19.164	278	319	0.03	ug/ml#	53
26) Benzo(g,h,i)perylene	19.456	276	620	0.05	ug/ml	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

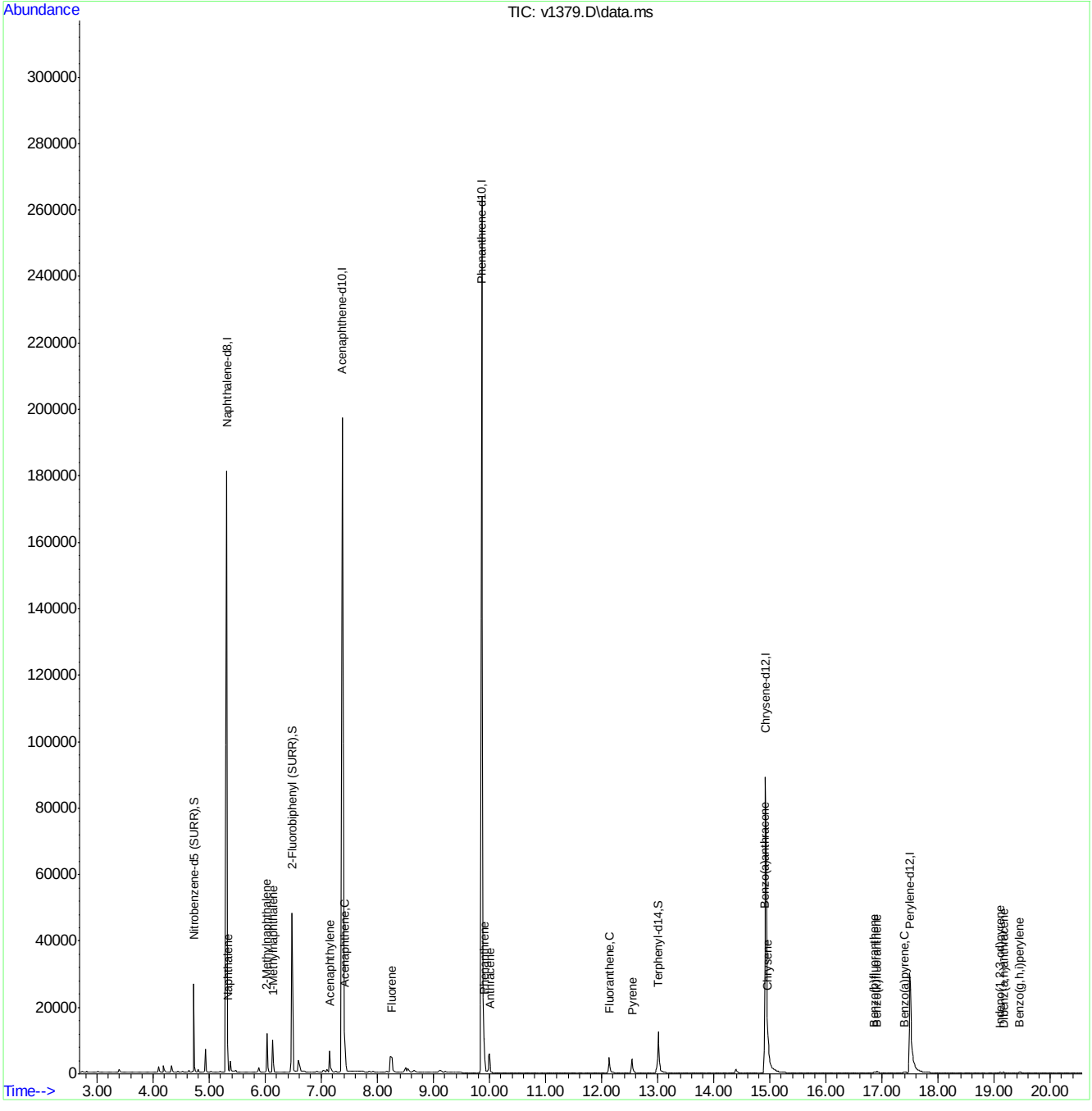
8.6.21

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1379.D
Acq On : 7 Sep 2010 11:15 am
Operator : murtuzak
Sample : ic81-0.1
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 4 Sample Multiplier: 1

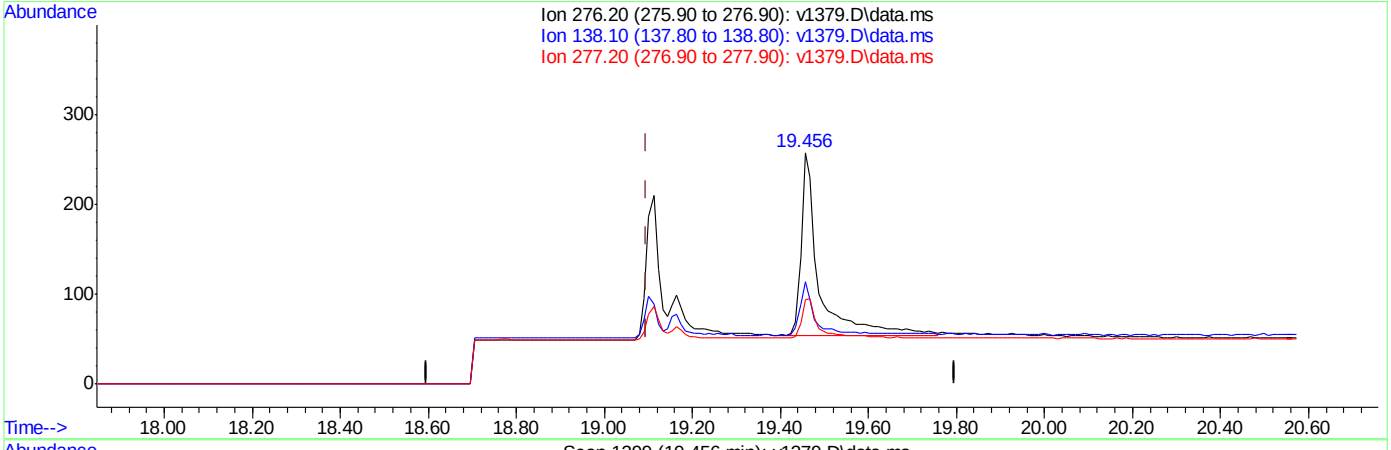
Quant Time: Sep 07 11:47:52 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration

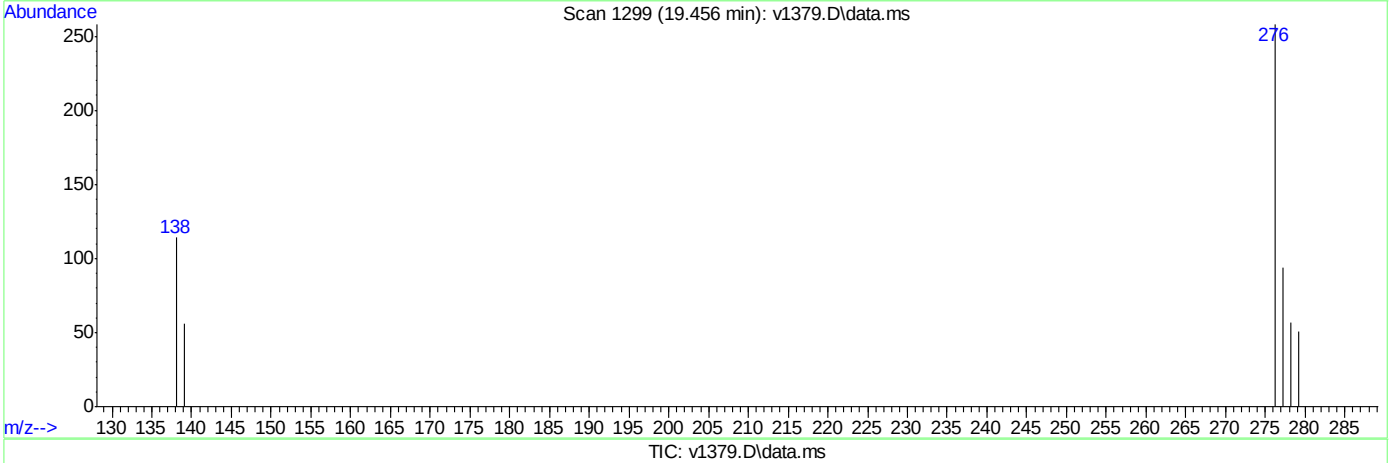


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1379.D
Acq On    :  7 Sep 2010  11:15 am
Operator  : murtuzak
Sample    : ic81-0.1
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 11:47:09 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration
```





TIC: v1379.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.456min (+0.359) 0.05ug/ml

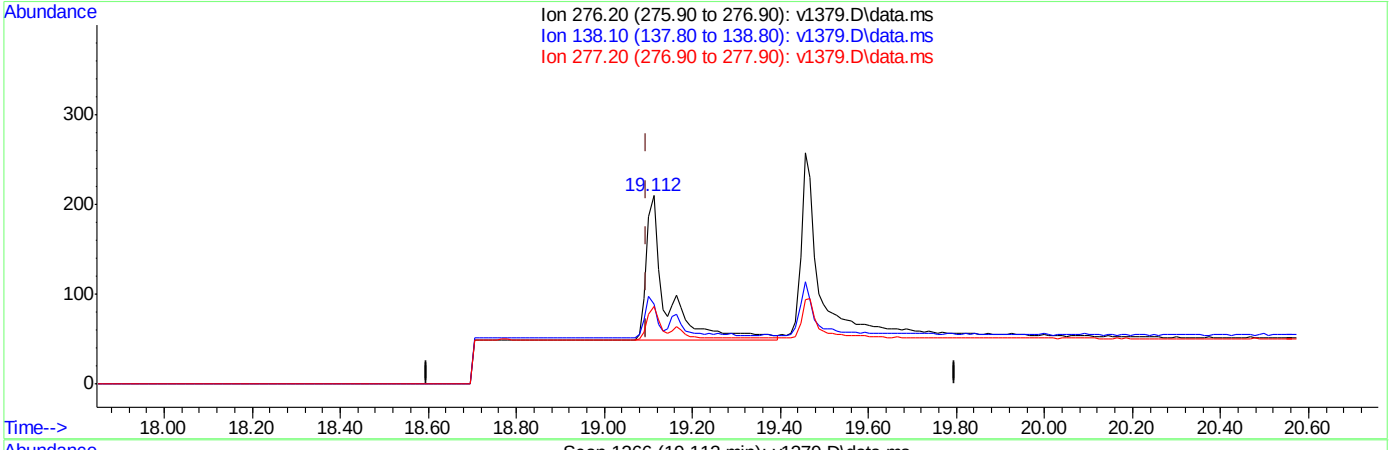
response 578

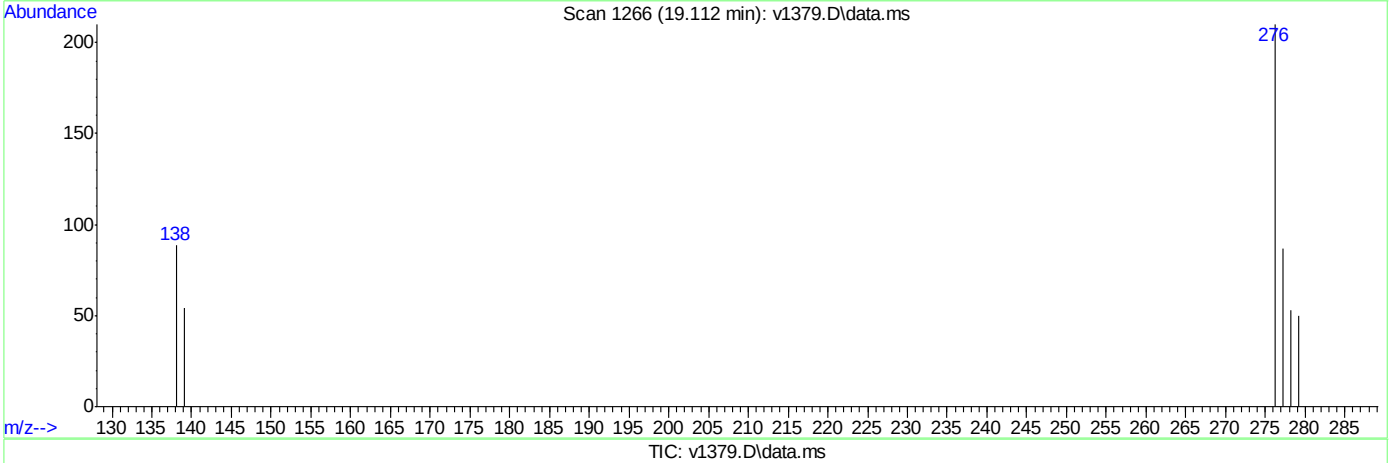
Ion	Exp%	Act%
276.20	100	100
138.10	25.90	24.74
277.20	22.20	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1379.D
Acq On    :  7 Sep 2010  11:15 am
Operator  : murtuzak
Sample    : ic81-0.1
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Sep 07 11:47:09 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 11:46:06 2010
Response via : Initial Calibration
```





TIC: v1379.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.112min (+0.015) 0.04ug/ml m

response 505

Ion	Exp%	Act%
276.20	100	100
138.10	25.90	28.32
277.20	22.20	21.39
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1380.D
Acq On : 7 Sep 2010 11:41 am
Operator : murtuzak
Sample : ic81-0.2
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 12:41:25 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:37:37 2010
Response via : Initial Calibration

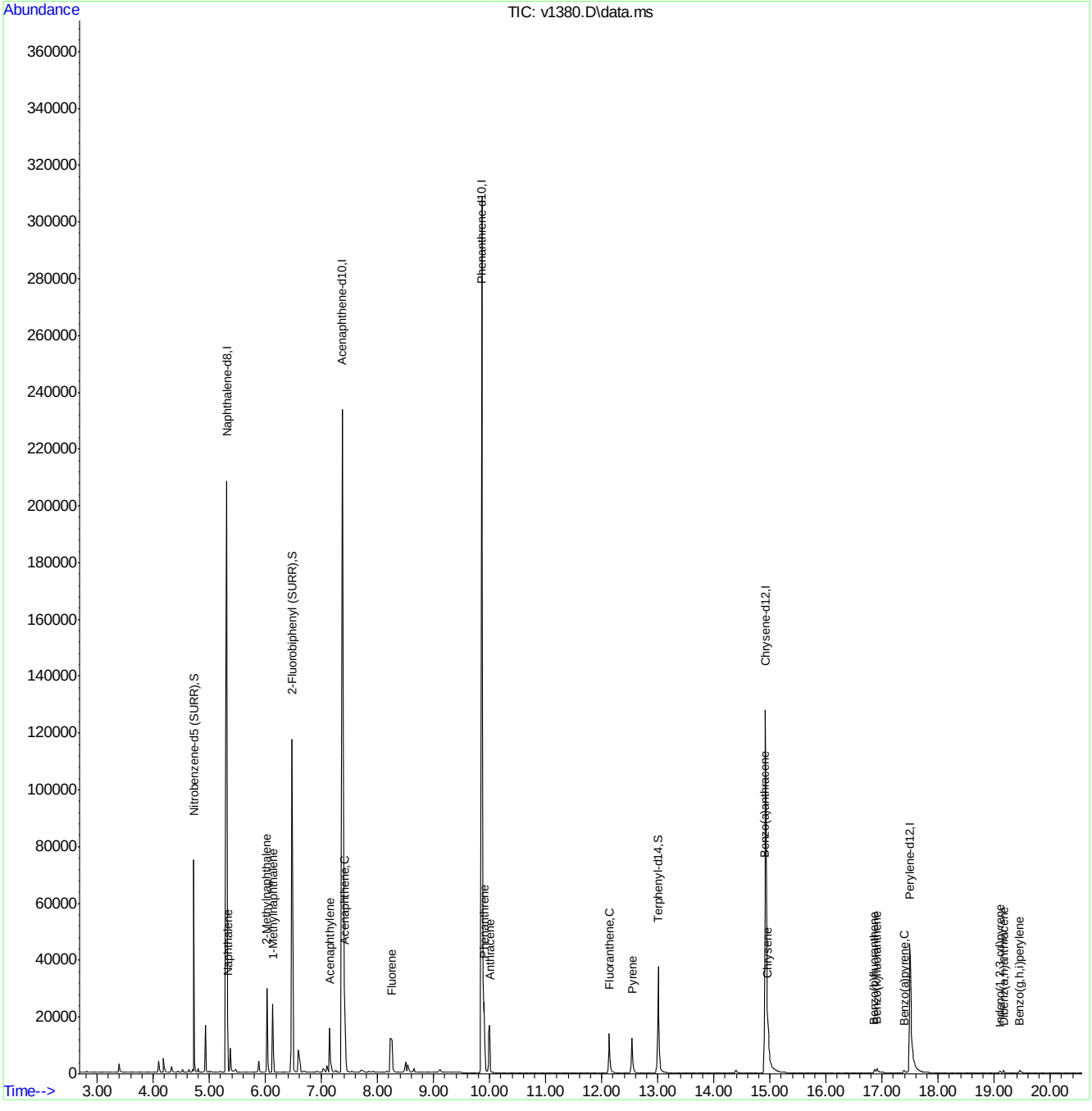
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	258256	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.368	164	174251	4.00	ug/ml	-0.02
11) Phenanthrene-d10	9.863	188	354176	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	175917	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	82303	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	47440	0.98	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery	=	1.96%#	
7) 2-Fluorobiphenyl (SURR)	6.481	172	113091	1.17	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery	=	2.34%#	
17) Terphenyl-d14	13.006	244	53669	1.02	ug/ml	-0.01
Spiked Amount 50.000	Range 10 - 160		Recovery	=	2.04%#	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	20529	0.18	ug/ml	99
4) 2-Methylnaphthalene	6.026	142	16531	0.18	ug/ml#	99
5) 1-Methylnaphthalene	6.134	142	15019	0.19	ug/ml#	98
8) Acenaphthylene	7.146	152	18988	0.20	ug/ml	98
9) Acenaphthene	7.412	154	14468	0.21	ug/ml	99
10) Fluorene	8.255	166	13835	0.20	ug/ml	97
12) Phenanthrene	9.904	178	24688	0.20	ug/ml	98
13) Anthracene	9.998	178	19060	0.18	ug/ml	99
14) Fluoranthene	12.135	202	15878	0.17	ug/ml	99
16) Pyrene	12.546	202	15764	0.18	ug/ml	100
18) Benzo(a)anthracene	14.911	228	7845	0.17	ug/ml	97
19) Chrysene	14.963	228	10866	0.20	ug/ml	97
21) Benzo(b)fluoranthene	16.860	252	1627	0.09	ug/ml	93
22) Benzo(k)fluoranthene	16.912	252	4487	0.13	ug/ml	97
23) Benzo(a)pyrene	17.392	252	1747	0.10	ug/ml	98
24) Indeno(1,2,3-cd)pyrene	19.101	276	1460m	0.11	ug/ml	
25) Dibenz(a,h)anthracene	19.164	278	989	0.10	ug/ml#	100
26) Benzo(g,h,i)perylene	19.456	276	1943	0.12	ug/ml	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1380.D
Acq On : 7 Sep 2010 11:41 am
Operator : murtuzak
Sample : ic81-0.2
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

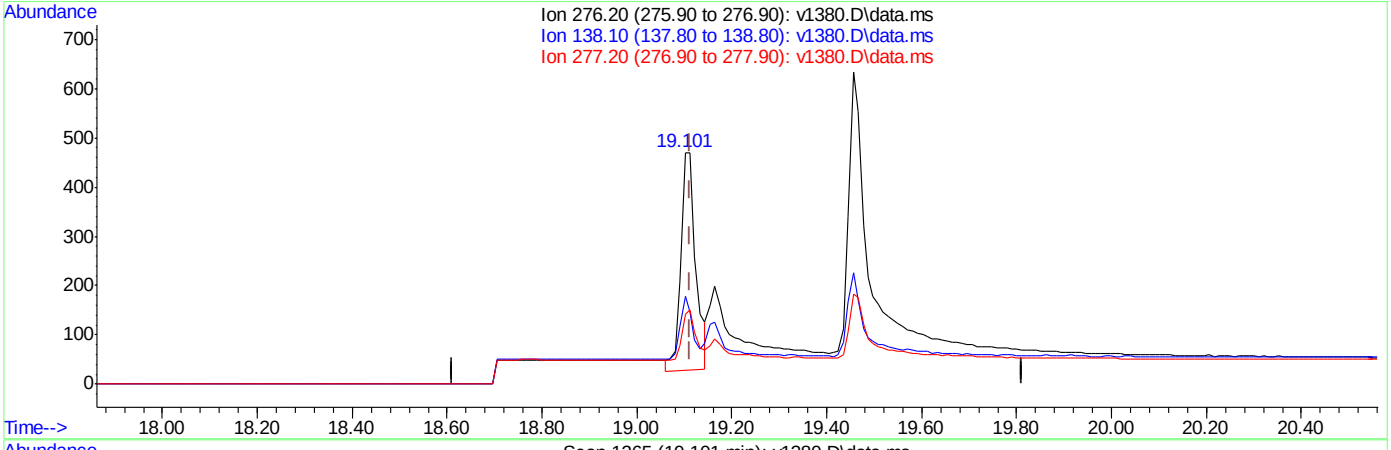
Quant Time: Sep 07 12:41:25 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:37:37 2010
Response via : Initial Calibration

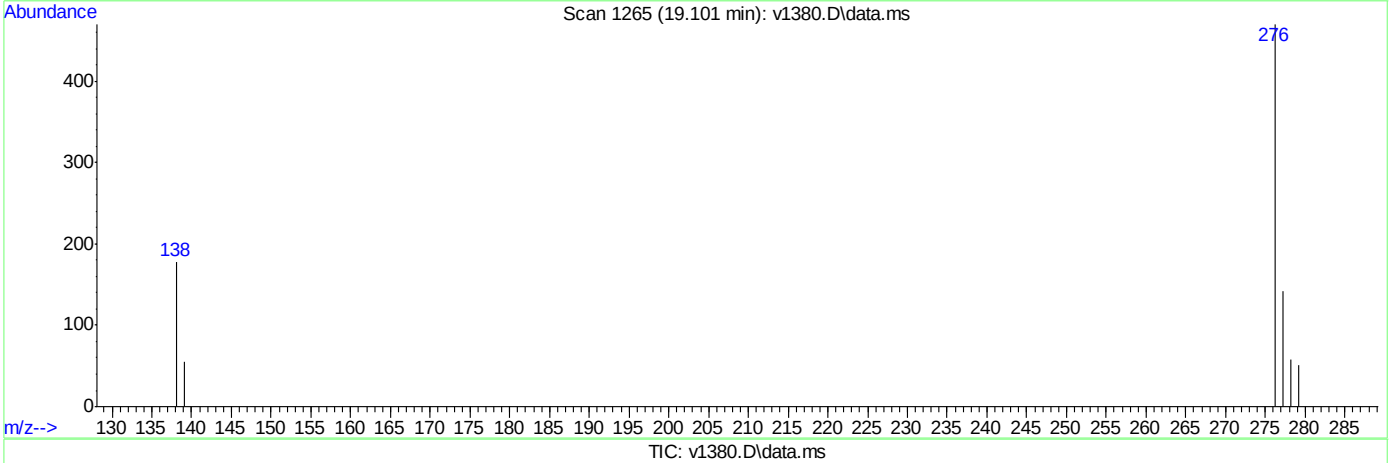


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1380.D
Acq On : 7 Sep 2010 11:41 am
Operator : murtuzak
Sample : ic81-0.2
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 12:39:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:37:37 2010
Response via : Initial Calibration





TIC: v1380.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.101min (-0.011) 0.07ug/ml

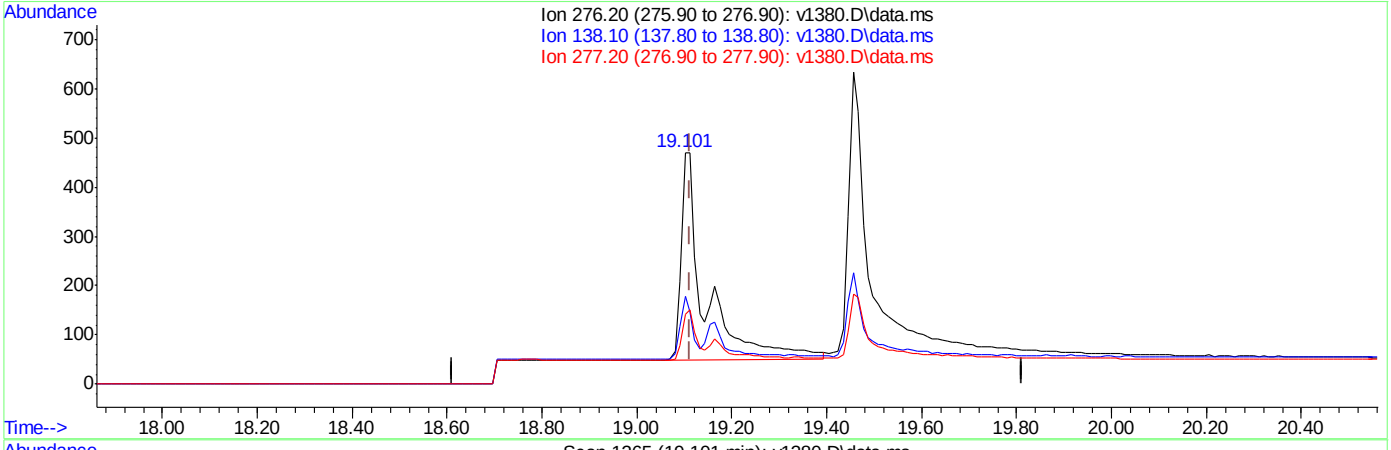
response 978

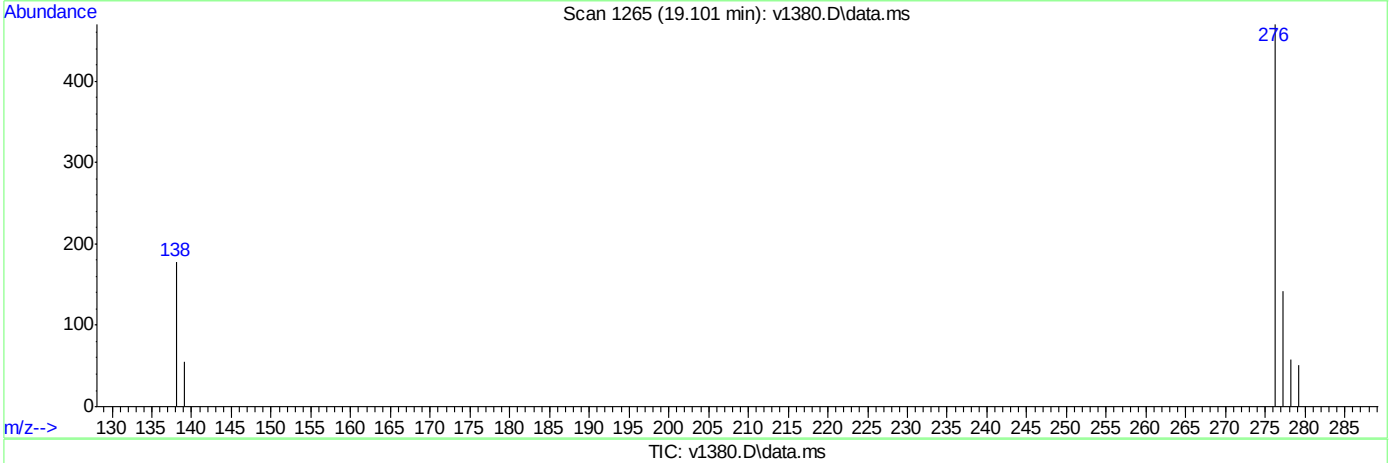
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	23.11
277.20	24.20	20.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1380.D
Acq On : 7 Sep 2010 11:41 am
Operator : murtuzak
Sample : ic81-0.2
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 12:39:48 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:37:37 2010
Response via : Initial Calibration





TIC: v1380.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.101min (-0.011) 0.11ug/ml m

response 1460

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	15.48
277.20	24.20	14.04
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On : 7 Sep 2010 12:07 pm
Operator : murtuzak
Sample : ic81-5.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 12:57:09 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	222909	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	147200	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.863	188	282070	4.00	ug/ml	0.00
15) Chrysene-d12	14.932	240	196237	4.00	ug/ml	0.01
20) Perylene-d12	17.496	264	106015	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	910088	22.42	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 44.84%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	1223248m	15.88	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 31.76%			
17) Terphenyl-d14	13.019	244	1304689	22.59	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 160		Recovery = 45.18%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	497069	5.21	ug/ml#	85
4) 2-Methylnaphthalene	6.026	142	336017	4.50	ug/ml#	99
5) 1-Methylnaphthalene	6.134	142	308631	4.61	ug/ml#	97
8) Acenaphthylene	7.146	152	386097	4.80	ug/ml	97
9) Acenaphthene	7.434	154	249121	4.38	ug/ml	92
10) Fluorene	8.255	166	372574	6.07	ug/ml	96
12) Phenanthrene	9.904	178	543596	5.36	ug/ml	99
13) Anthracene	9.998	178	513191	5.92	ug/ml	100
14) Fluoranthene	12.135	202	504124	6.50	ug/ml	100
16) Pyrene	12.547	202	519729	5.38	ug/ml	100
18) Benzo(a)anthracene	14.911	228	306520	5.98	ug/ml	100
19) Chrysene	14.974	228	348312	5.57	ug/ml	100
21) Benzo(b)fluoranthene	16.871	252	198861	8.49	ug/ml	100
22) Benzo(k)fluoranthene	16.923	252	324393	7.26	ug/ml	99
23) Benzo(a)pyrene	17.402	252	197954	8.59	ug/ml	99
24) Indeno(1,2,3-cd)pyrene	19.122	276	181562m	9.28	ug/ml	
25) Dibenz(a,h)anthracene	19.175	278	137218	9.57	ug/ml#	100
26) Benzo(g,h,i)perylene	19.466	276	188439	8.42	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

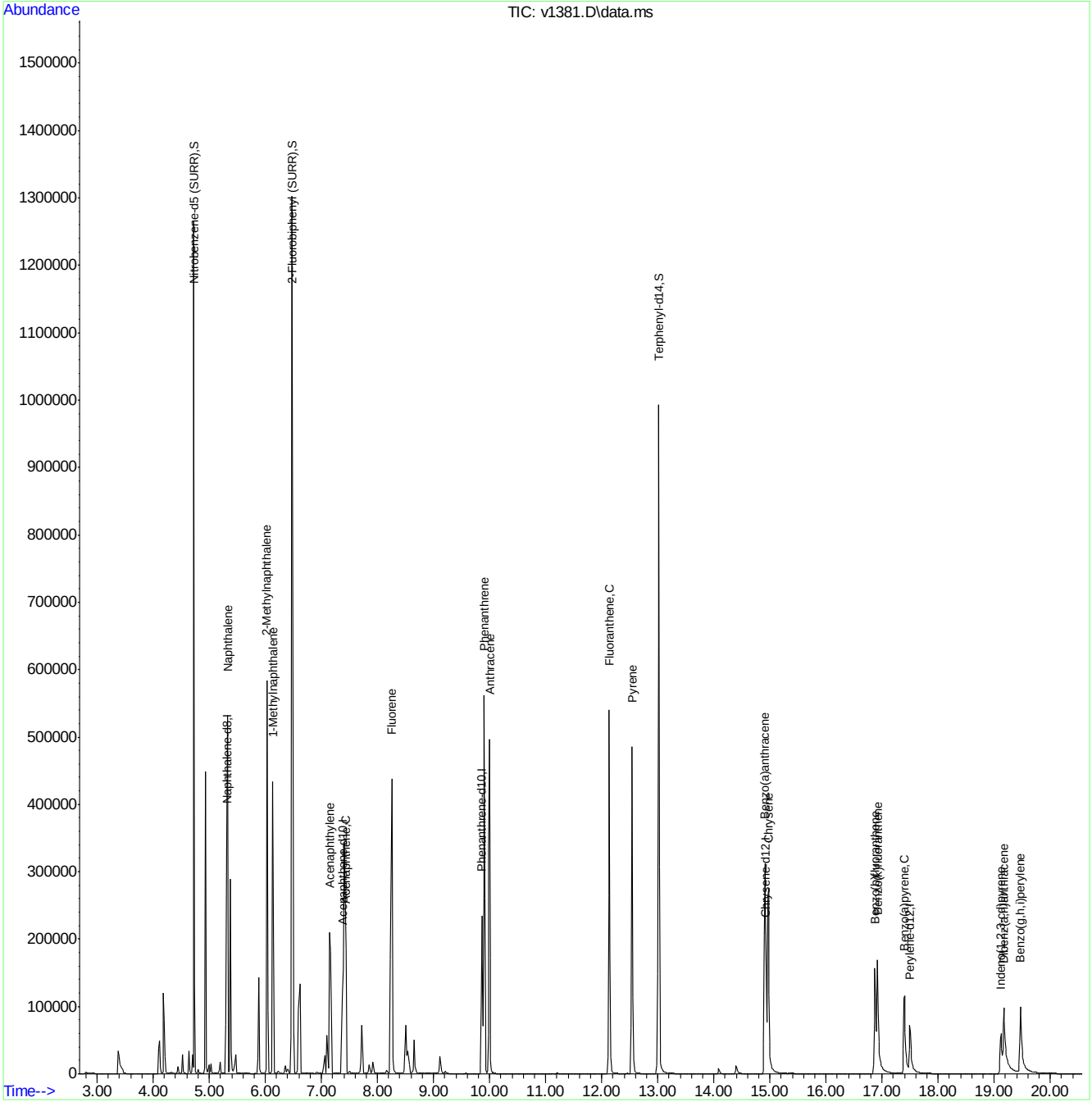
8.6.23

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On : 7 Sep 2010 12:07 pm
Operator : murtuzak
Sample : ic81-5.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

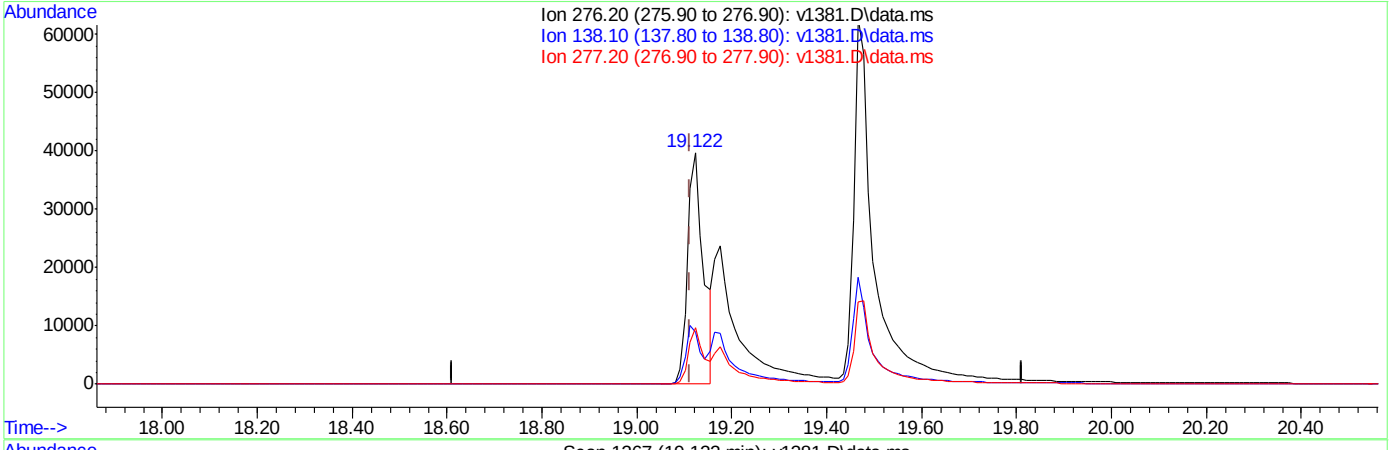
Quant Time: Sep 07 12:57:09 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration

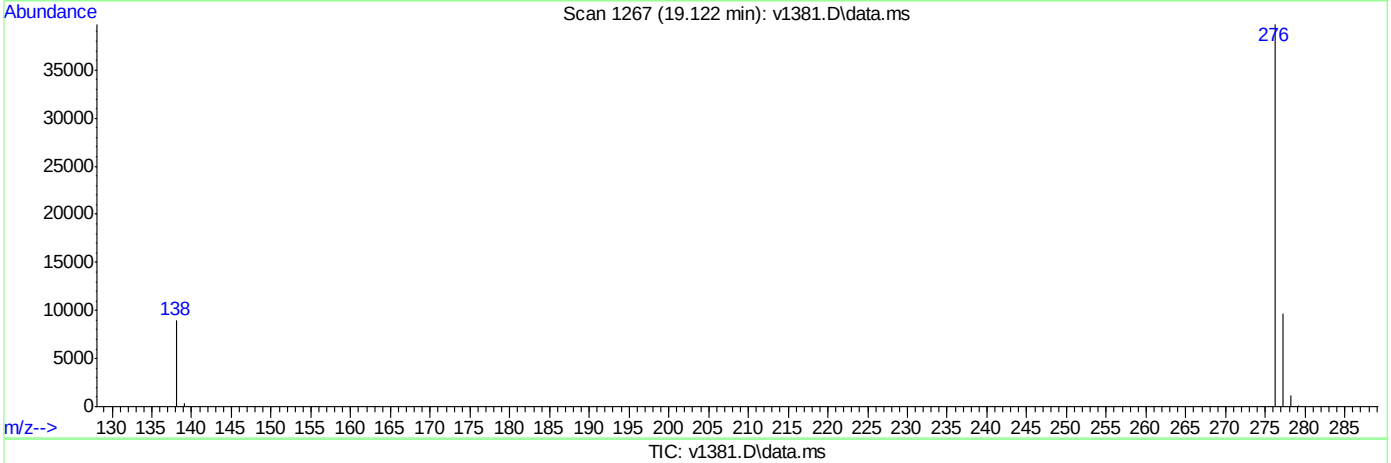


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On : 7 Sep 2010 12:07 pm
Operator : murtuzak
Sample : ic81-5.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 12:49:15 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration





TIC: v1381.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 4.68ug/ml

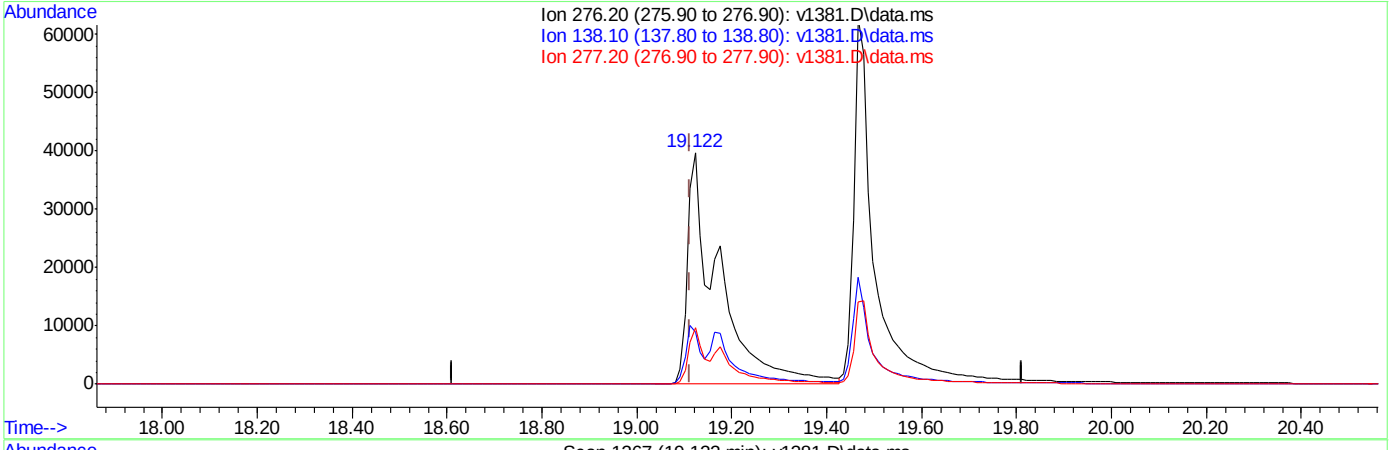
response 91635

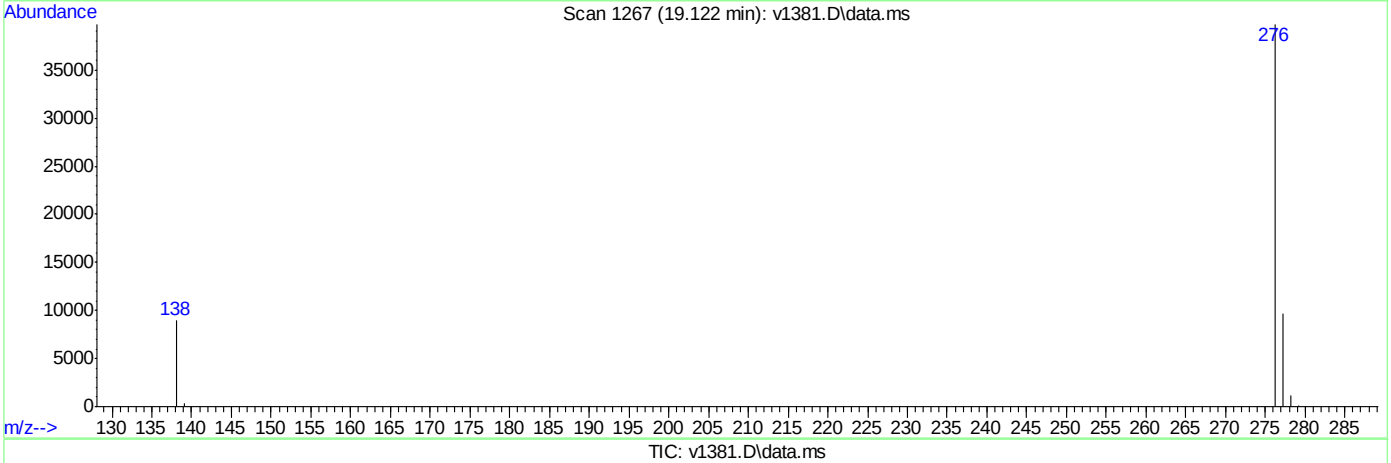
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	23.67
277.20	24.20	23.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On : 7 Sep 2010 12:07 pm
Operator : murtuzak
Sample : ic81-5.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 12:49:15 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration





TIC: v1381.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 9.28ug/ml m

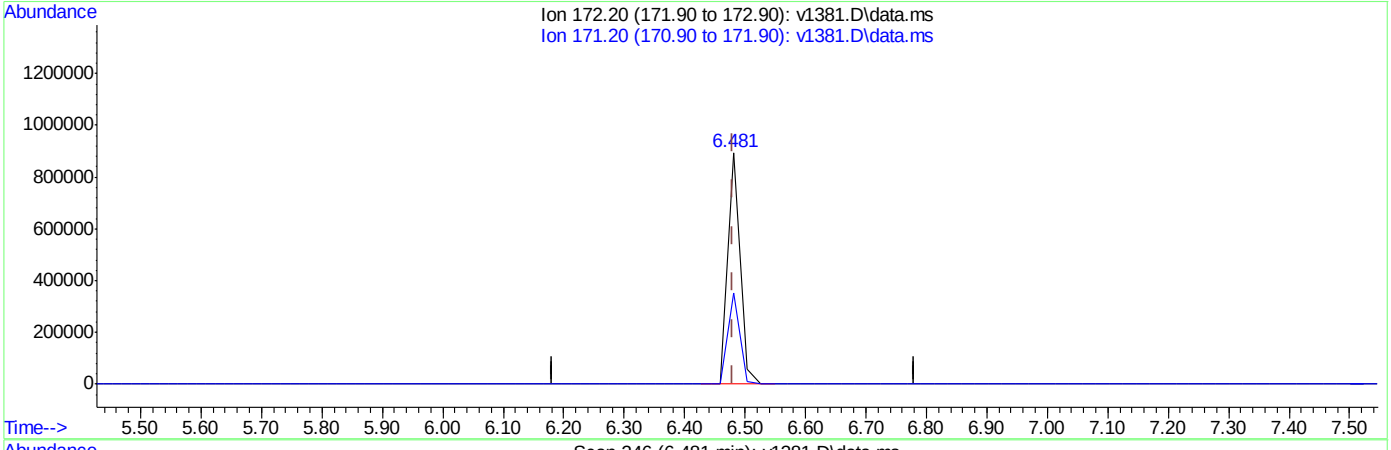
response 181562

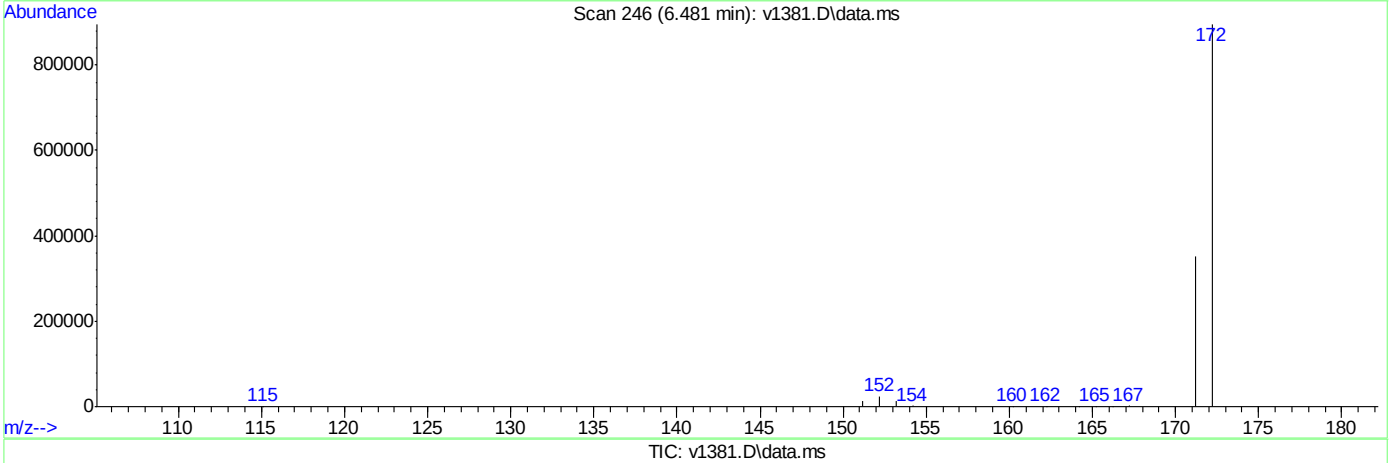
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	11.95
277.20	24.20	11.77
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On    :  7 Sep 2010  12:07 pm
Operator  : murtuzak
Sample    : ic81-5.0
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 07 12:50:12 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration
```





TIC: v1381.D\data.ms

(7) 2-Fluorobiphenyl (SURR) (S)

6.481min (-0.000) 14.80ug/ml

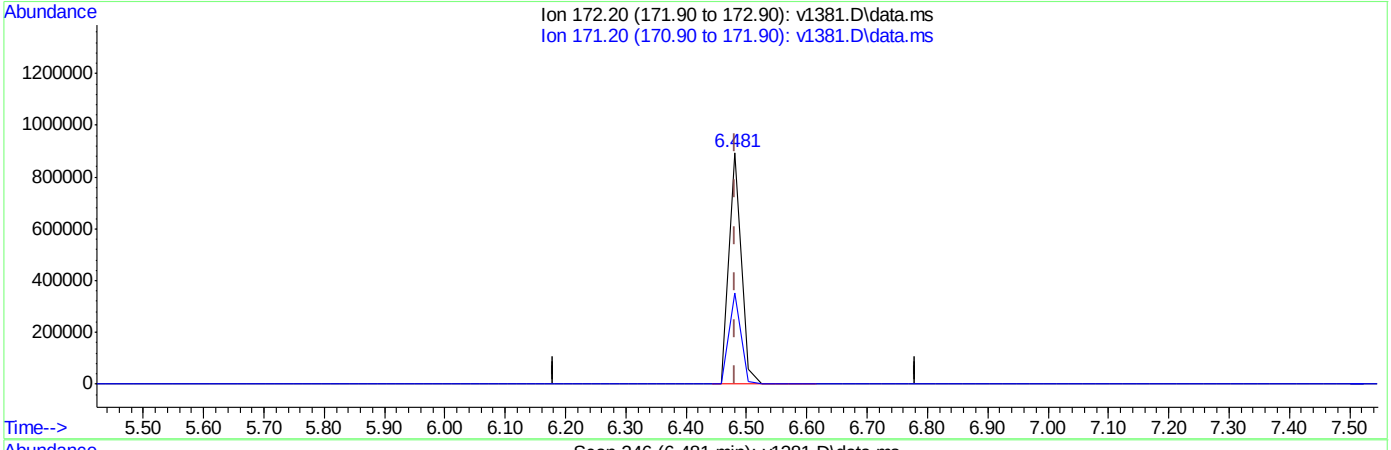
response 1139525

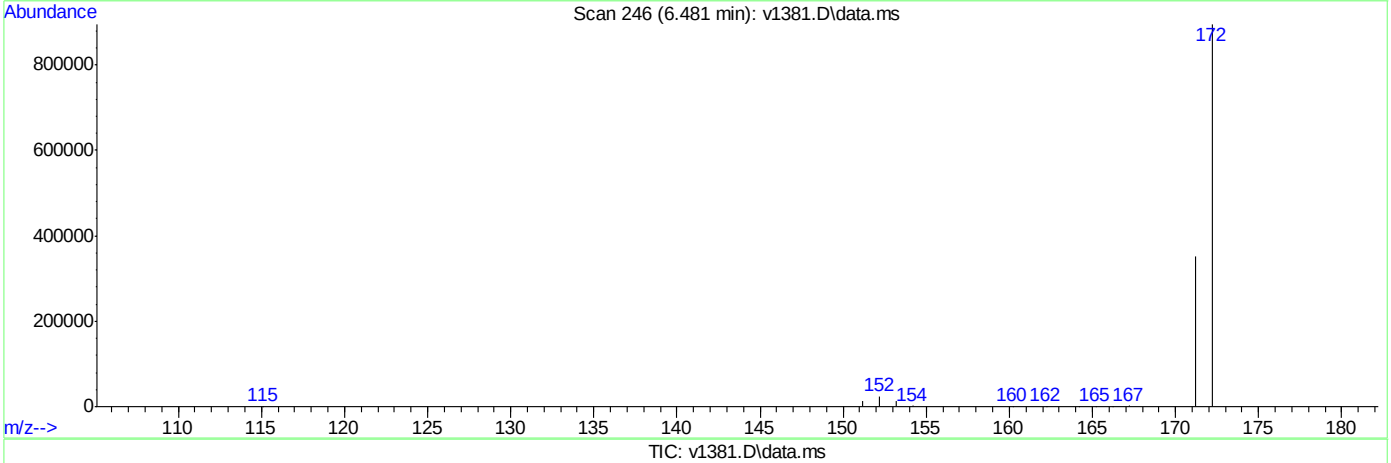
Ion	Exp%	Act%
172.20	100	100
171.20	37.00	37.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1381.D
Acq On    :  7 Sep 2010  12:07 pm
Operator  : murtuzak
Sample    : ic81-5.0
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 6   Sample Multiplier: 1

Quant Time: Sep 07 12:50:12 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:43:43 2010
Response via : Initial Calibration
```





TIC: v1381.D\data.ms

(7) 2-Fluorobiphenyl (SURR) (S)

6.481min (-0.000) 15.88ug/ml m

response 1223248

Ion	Exp%	Act%
172.20	100	100
171.20	37.00	35.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1382.D
Acq On : 7 Sep 2010 12:33 pm
Operator : murtuzak
Sample : ic81-10.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 12:52:13 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:50:28 2010
Response via : Initial Calibration

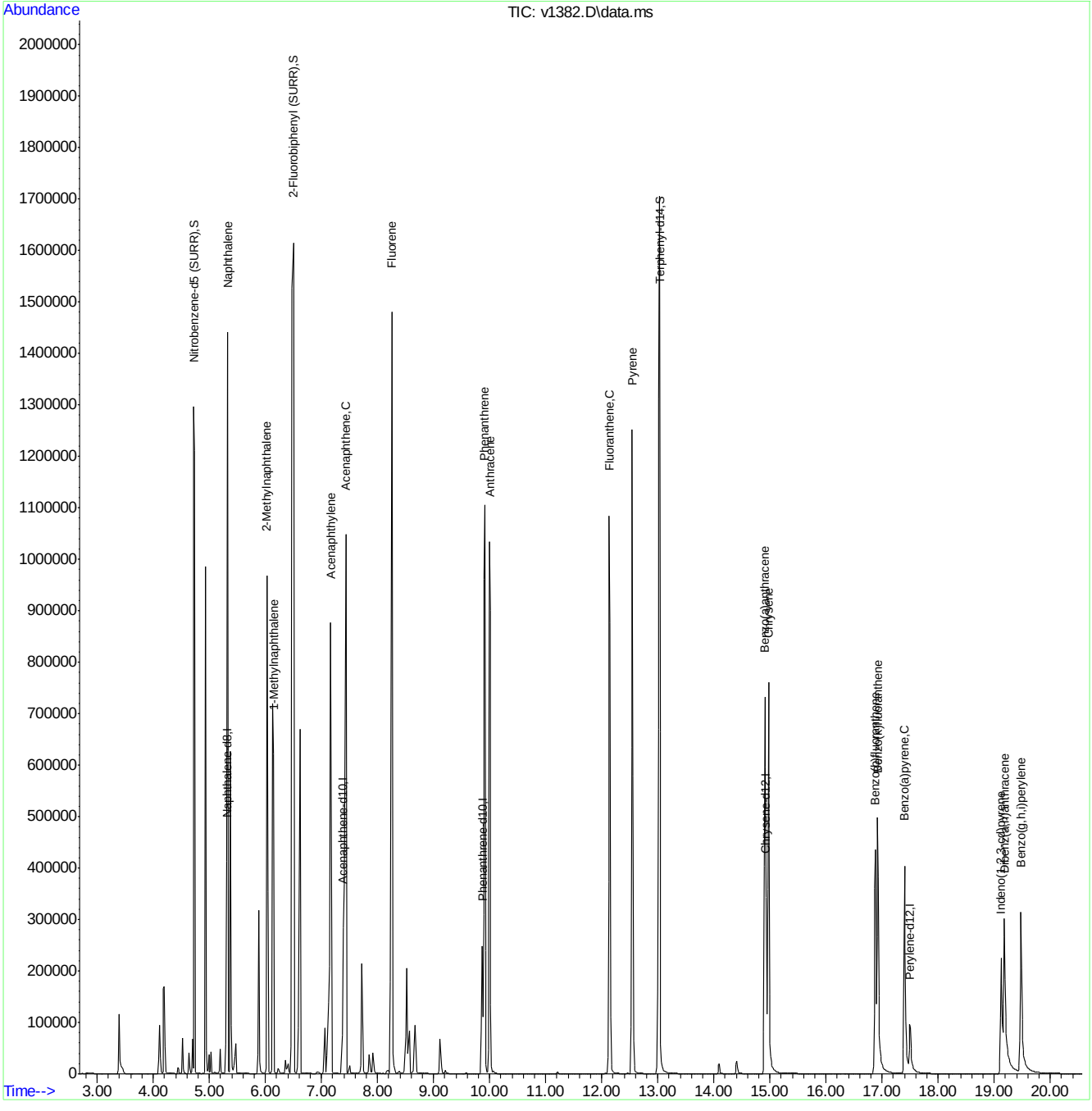
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	261883	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	200644	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.873	188	342113	4.00	ug/ml	0.00
15) Chrysene-d12	14.932	240	251546	4.00	ug/ml	0.01
20) Perylene-d12	17.496	264	134039	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	1436763	30.12	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 60.24%			
7) 2-Fluorobiphenyl (SURR)	6.503	172	2643288	25.18	ug/ml	0.02
Spiked Amount 50.000	Range 15 - 137		Recovery = 50.36%			
17) Terphenyl-d14	13.031	244	2792816	37.73	ug/ml	0.01
Spiked Amount 50.000	Range 10 - 160		Recovery = 75.46%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	1204092	10.73	ug/ml#	85
4) 2-Methylnaphthalene	6.026	142	662555	7.55	ug/ml#	97
5) 1-Methylnaphthalene	6.149	142	673376	8.57	ug/ml#	91
8) Acenaphthylene	7.168	152	1085124	9.91	ug/ml	93
9) Acenaphthene	7.434	154	760482	9.81	ug/ml#	79
10) Fluorene	8.255	166	1004658	12.02	ug/ml	98
12) Phenanthrene	9.915	178	1240530	10.08	ug/ml	99
13) Anthracene	9.998	178	1190755	11.33	ug/ml	100
14) Fluoranthene	12.135	202	1208948	12.86	ug/ml	99
16) Pyrene	12.546	202	1246256	10.07	ug/ml	100
18) Benzo(a)anthracene	14.911	228	815271	12.41	ug/ml	100
19) Chrysene	14.974	228	853951	10.65	ug/ml	99
21) Benzo(b)fluoranthene	16.881	252	599544	20.23	ug/ml	100
22) Benzo(k)fluoranthene	16.923	252	746180	13.21	ug/ml	99
23) Benzo(a)pyrene	17.402	252	545318	18.73	ug/ml	99
24) Indeno(1,2,3-cd)pyrene	19.122	276	508542m	20.53	ug/ml	
25) Dibenz(a,h)anthracene	19.185	278	390823	21.56	ug/ml#	100
26) Benzo(g,h,i)perylene	19.477	276	479425	16.95	ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1382.D
Acq On : 7 Sep 2010 12:33 pm
Operator : murtuzak
Sample : ic81-10.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

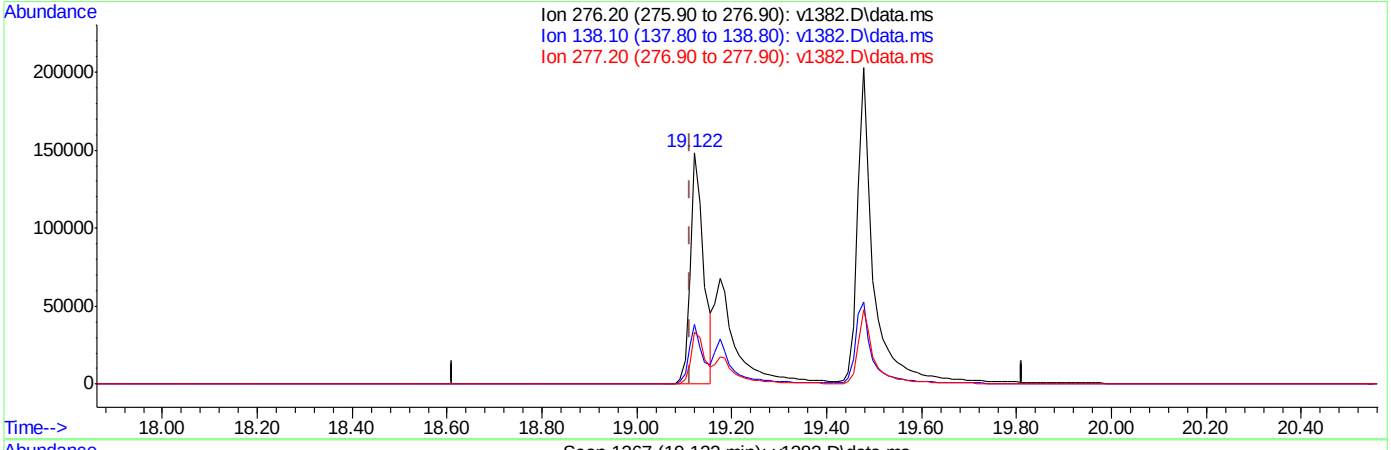
Quant Time: Sep 07 12:52:13 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:50:28 2010
Response via : Initial Calibration

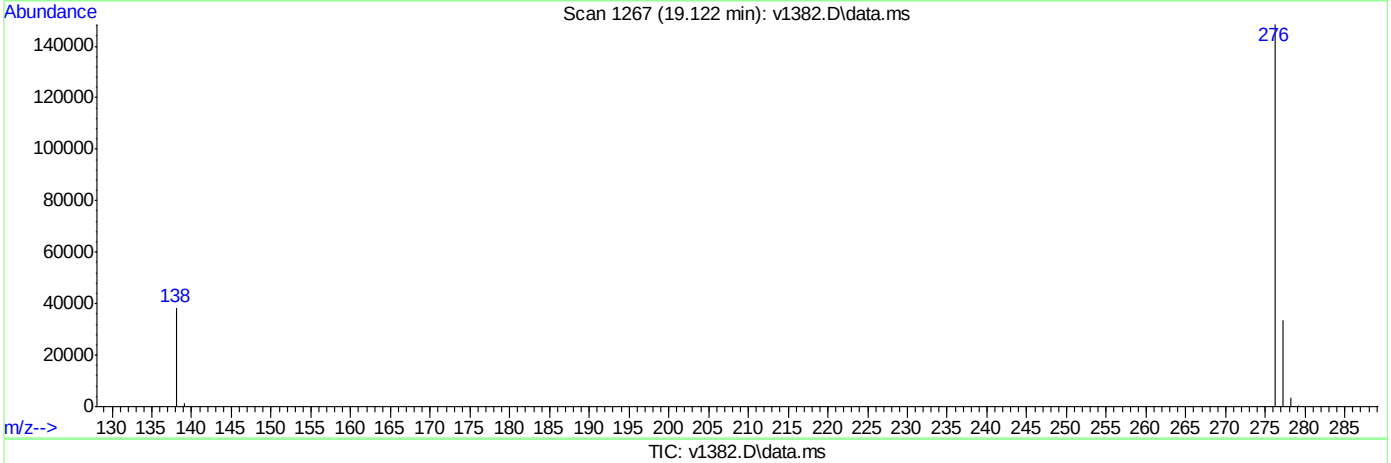


Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1382.D
Acq On    :  7 Sep 2010  12:33 pm
Operator  : murtuzak
Sample    : ic81-10.0
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Sep 07 12:51:44 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:50:28 2010
Response via : Initial Calibration
```





TIC: v1382.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 11.56ug/ml

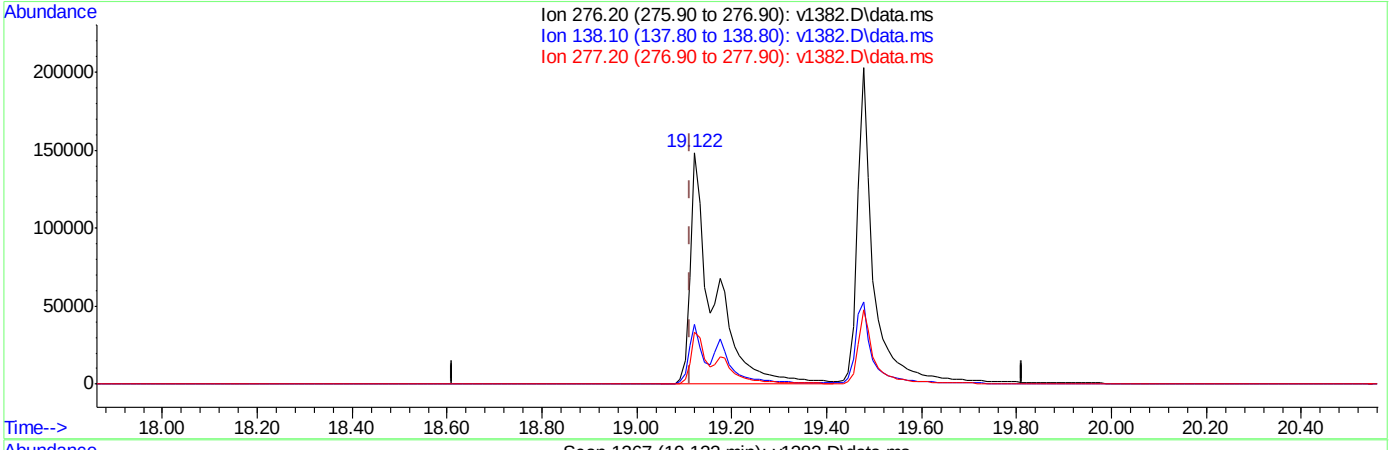
response 286401

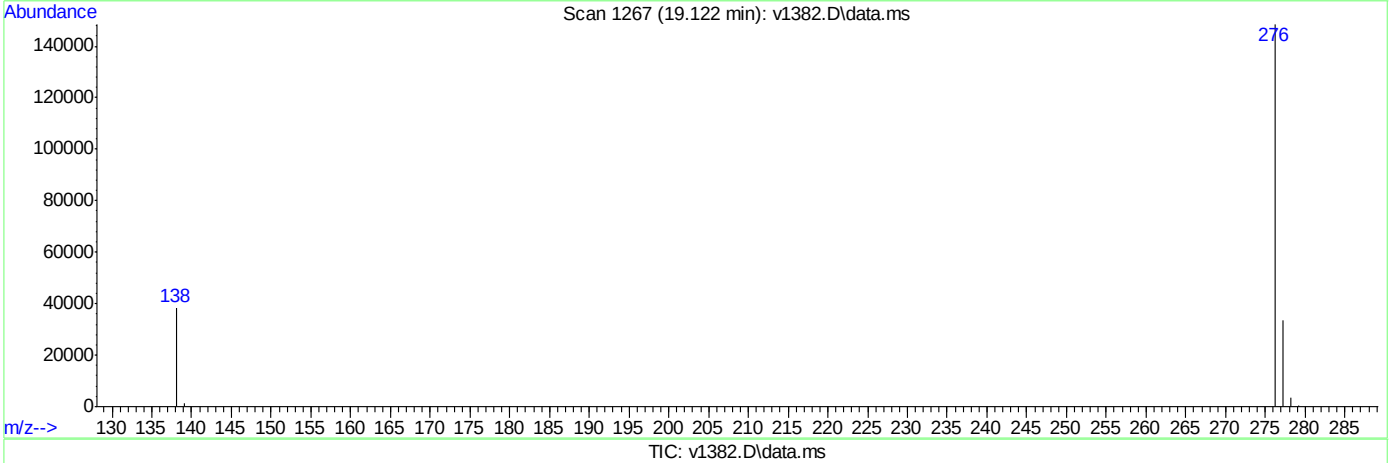
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	26.43
277.20	24.20	23.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1382.D
Acq On : 7 Sep 2010 12:33 pm
Operator : murtuzak
Sample : ic81-10.0
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 12:51:44 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:50:28 2010
Response via : Initial Calibration





TIC: v1382.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 20.53ug/ml m

response 508542

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	14.89
277.20	24.20	13.17
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Peng-Shia Cheng (Sheila) 09/07/10 16:54

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1383.D
Acq On : 7 Sep 2010 12:59 pm
Operator : murtuzak
Sample : icv81-2.5
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 07 13:22:29 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	194117	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	141320	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.863	188	273004	4.00	ug/ml	0.00
15) Chrysene-d12	14.922	240	158707	4.00	ug/ml	0.00
20) Perylene-d12	17.496	264	76202	4.00	ug/ml	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	0.000	82	0d	0.00	ug/ml	
Spiked Amount 50.000	Range 17 - 131		Recovery	=	0.00%#	
7) 2-Fluorobiphenyl (SURR)	0.000	172	0	0.00	ug/ml	
Spiked Amount 50.000	Range 15 - 137		Recovery	=	0.00%#	
17) Terphenyl-d14	0.000	244	0	0.00	ug/ml	
Spiked Amount 50.000	Range 10 - 160		Recovery	=	0.00%#	
Target Compounds						Qvalue
3) Naphthalene	5.330	128	215805	2.56	ug/ml	98
4) 2-Methylnaphthalene	6.026	142	172166	2.64	ug/ml#	97
5) 1-Methylnaphthalene	6.134	142	154626	2.72	ug/ml#	99
8) Acenaphthylene	7.146	152	195710	2.54	ug/ml	100
9) Acenaphthene	7.412	154	129874	2.39	ug/ml	96
10) Fluorene	8.255	166	154651	2.54	ug/ml	99
12) Phenanthrene	9.904	178	261954	2.66	ug/ml	100
13) Anthracene	9.998	178	241082	2.54	ug/ml	100
14) Fluoranthene	12.135	202	221892	2.39	ug/ml	100
16) Pyrene	12.547	202	226479	2.90	ug/ml	100
18) Benzo(a)anthracene	14.911	228	114220	2.35	ug/ml	99
19) Chrysene	14.974	228	136499	2.67	ug/ml	100
21) Benzo(b)fluoranthene	16.871	252	51450	2.18	ug/ml#	55
22) Benzo(k)fluoranthene	16.912	252	111009	2.46	ug/ml#	89
23) Benzo(a)pyrene	17.392	252	49855	2.10	ug/ml#	54
24) Indeno(1,2,3-cd)pyrene	19.112	276	38720m	1.93	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	28498	1.91	ug/ml#	100
26) Benzo(g,h,i)perylene	19.466	276	49741	2.15	ug/ml#	50

(#) = qualifier out of range (m) = manual integration (+) = signals summed

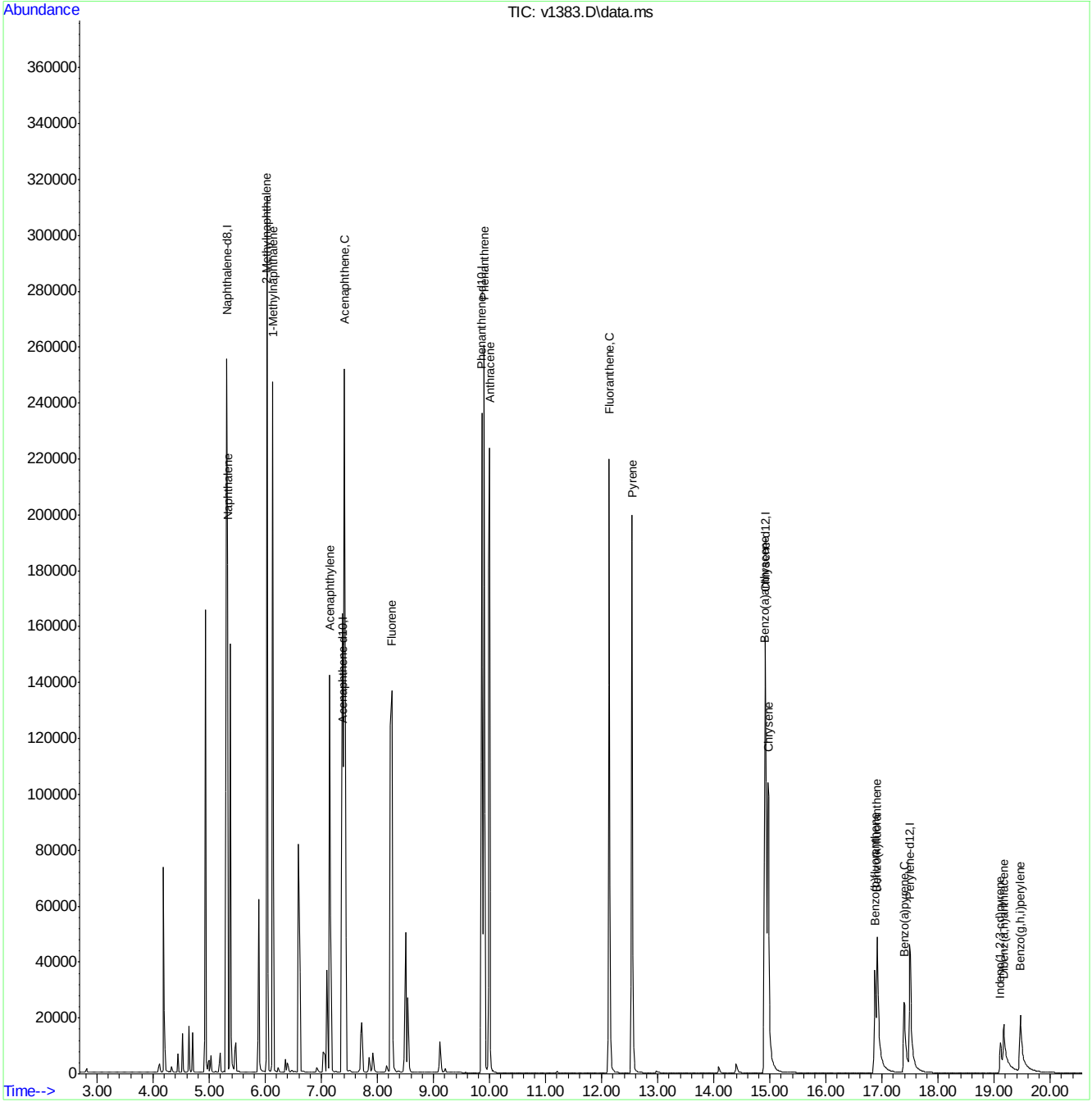
8.6.25

8

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1383.D
Acq On : 7 Sep 2010 12:59 pm
Operator : murtuzak
Sample : icv81-2.5
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

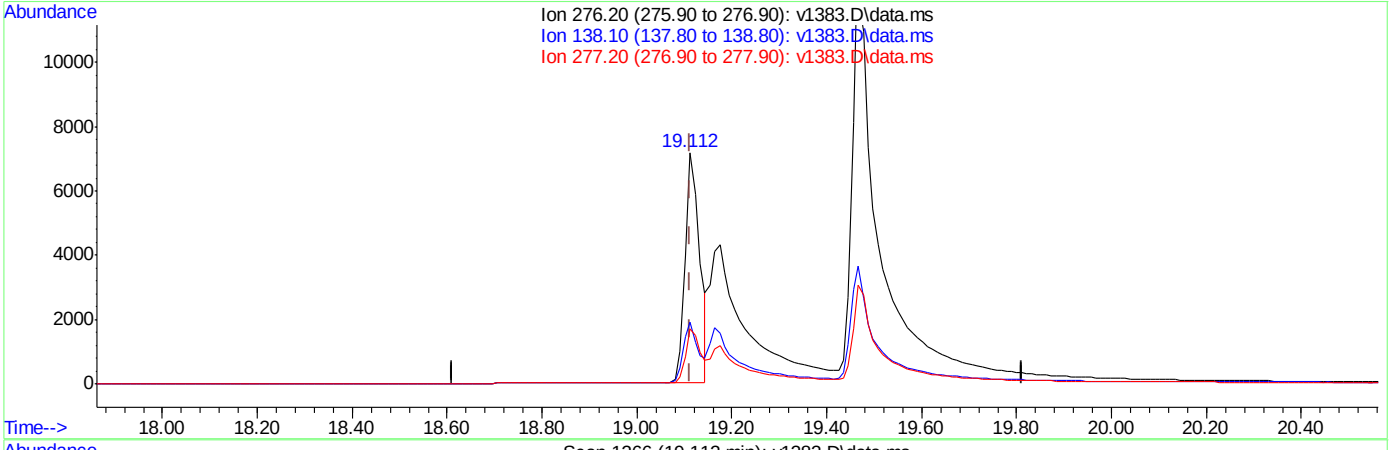
Quant Time: Sep 07 13:22:29 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration

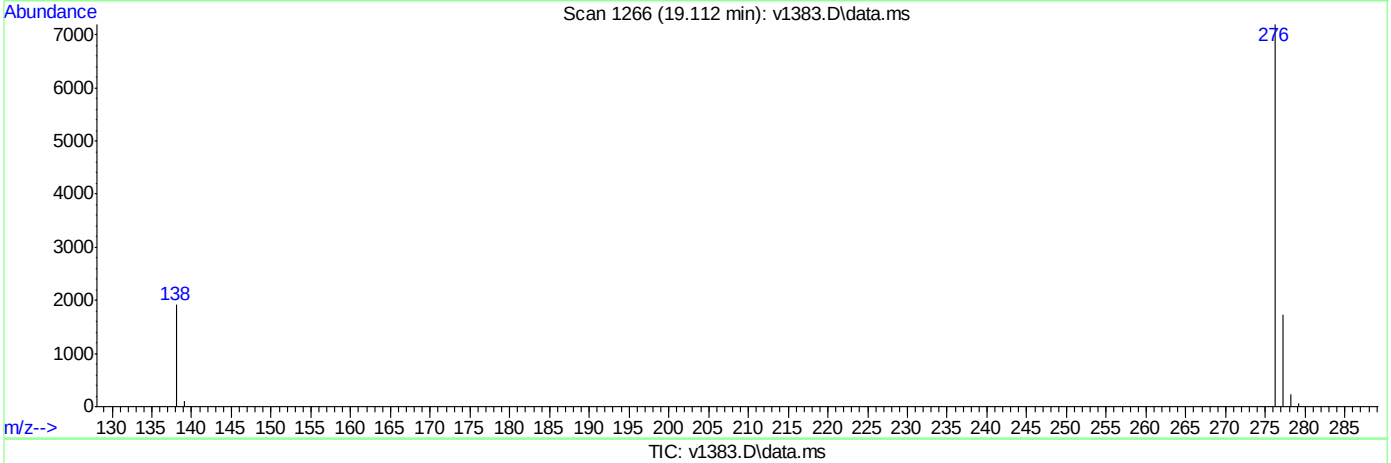


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1383.D
Acq On : 7 Sep 2010 12:59 pm
Operator : murtuzak
Sample : icv81-2.5
Misc : op15188,ev81,1000,,,1,1,water
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 07 13:20:41 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration





TIC: v1383.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.112min (-0.000) 0.94ug/ml

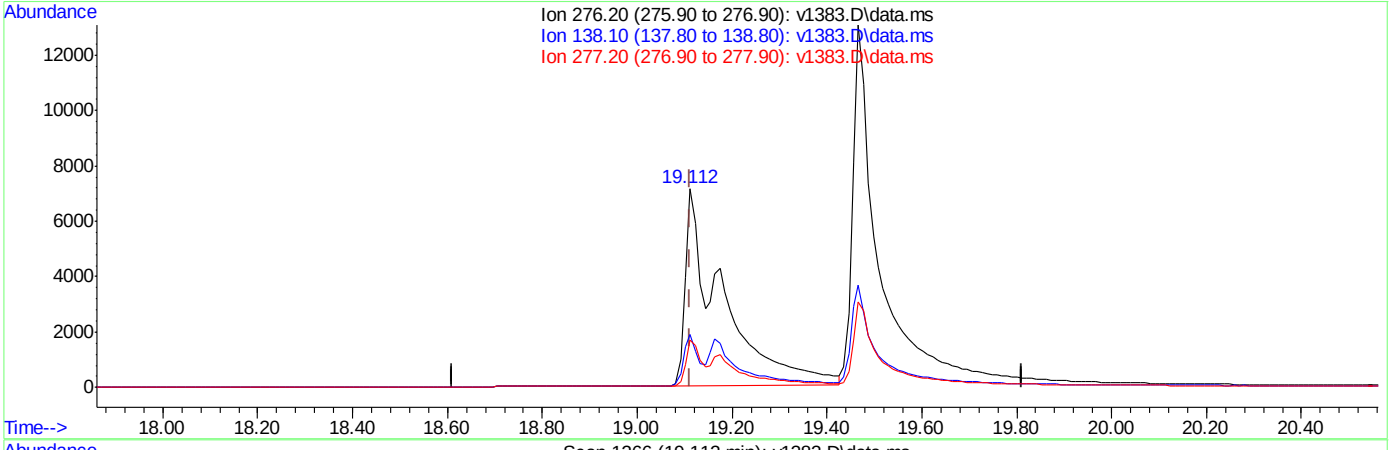
response 15295

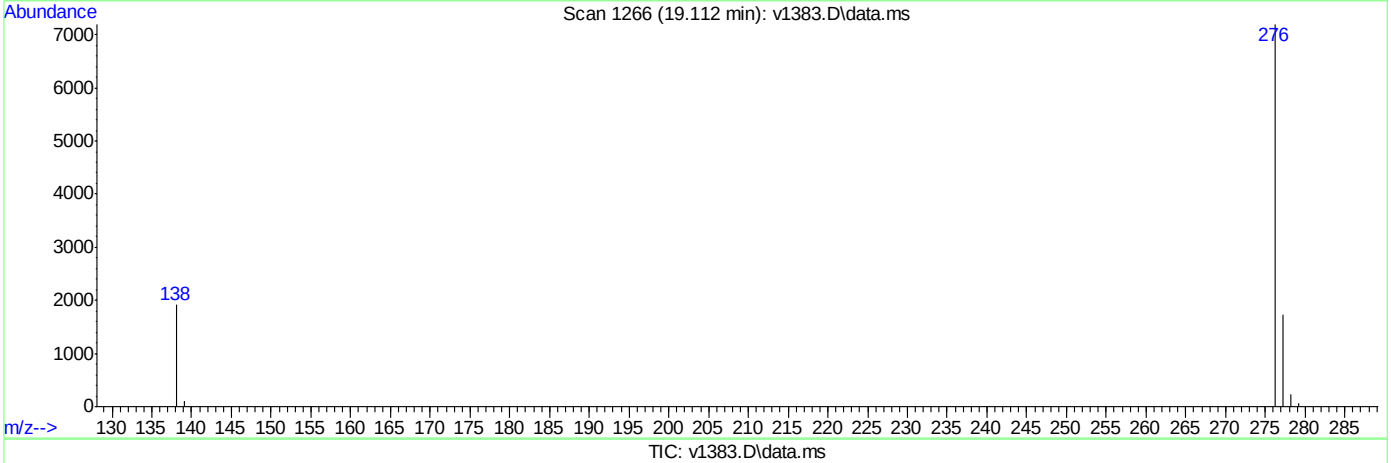
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	0.00#
277.20	24.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev81\
Data File : v1383.D
Acq On    :  7 Sep 2010  12:59 pm
Operator  : murtuzak
Sample    : icv81-2.5
Misc      : op15188,ev81,1000,,,1,1,water
ALS Vial  : 8   Sample Multiplier: 1

Quant Time: Sep 07 13:20:41 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 13:10:58 2010
Response via : Initial Calibration
```





TIC: v1383.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.112min (-0.000) 1.91ug/ml m

response 38377

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	0.00#
277.20	24.20	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/08/10 11:04

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On : 7 Sep 2010 4:15 pm
Operator : murtuzak
Sample : cc81-2.5
Misc : op15188,ev82,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 17:09:07 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

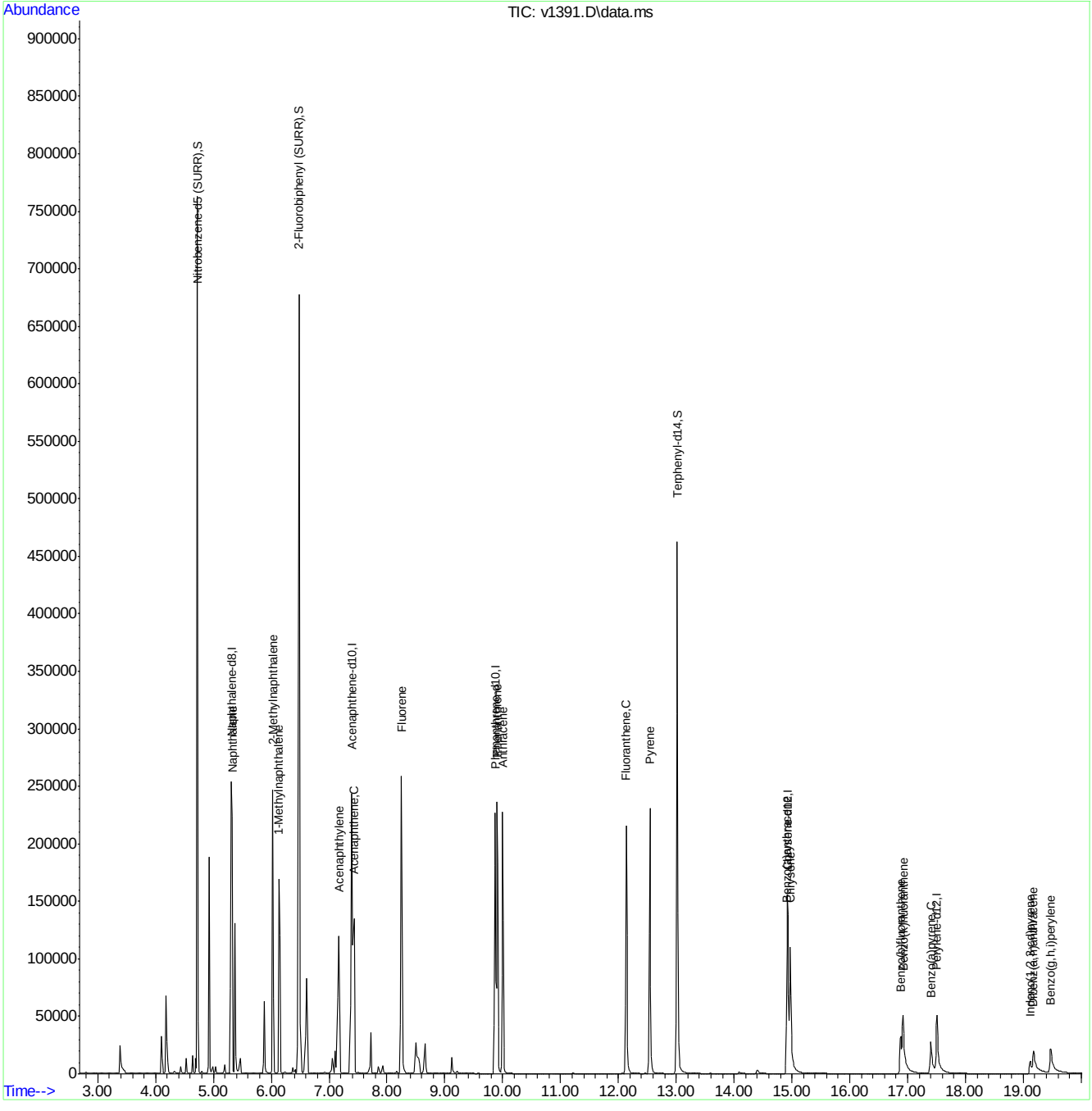
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	5.315	136	203839	4.00	ug/ml	0.00
6) Acenaphthene-d10	7.390	164	170743	4.00	ug/ml	0.00
11) Phenanthrene-d10	9.873	188	273740	4.00	ug/ml	0.00
15) Chrysene-d12	14.932	240	165886	4.00	ug/ml	0.01
20) Perylene-d12	17.506	264	83151	4.00	ug/ml	0.01
System Monitoring Compounds						
2) Nitrobenzene-d5 (SURR)	4.727	82	516788	13.05	ug/ml	0.00
Spiked Amount 50.000	Range 17 - 131		Recovery = 26.10%			
7) 2-Fluorobiphenyl (SURR)	6.481	172	642250m	8.44	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 137		Recovery = 16.88%			
17) Terphenyl-d14	13.018	244	610773	13.05	ug/ml	0.00
Spiked Amount 50.000	Range 10 - 160		Recovery = 26.10%			
Target Compounds						Qvalue
3) Naphthalene	5.330	128	221493	2.51	ug/ml	100
4) 2-Methylnaphthalene	6.026	142	153398	2.20	ug/ml#	98
5) 1-Methylnaphthalene	6.134	142	142018	2.38	ug/ml#	96
8) Acenaphthylene	7.168	152	185196m	2.01	ug/ml	
9) Acenaphthene	7.434	154	123043	2.12	ug/ml	85
10) Fluorene	8.255	166	186150	2.53	ug/ml	97
12) Phenanthrene	9.904	178	248398	2.52	ug/ml	100
13) Anthracene	9.998	178	226488	2.38	ug/ml	99
14) Fluoranthene	12.135	202	209078	2.26	ug/ml	99
16) Pyrene	12.546	202	219211	2.68	ug/ml	99
18) Benzo(a)anthracene	14.911	228	105404	2.09	ug/ml	100
19) Chrysene	14.974	228	137268	2.57	ug/ml	100
21) Benzo(b)fluoranthene	16.881	252	57169m	2.22	ug/ml	
22) Benzo(k)fluoranthene	16.923	252	121136	2.46	ug/ml#	87
23) Benzo(a)pyrene	17.402	252	52602	2.04	ug/ml#	54
24) Indeno(1,2,3-cd)pyrene	19.122	276	44874m	2.02	ug/ml	
25) Dibenz(a,h)anthracene	19.174	278	31205	2.33	ug/ml#	100
26) Benzo(g,h,i)perylene	19.477	276	56574	2.23	ug/ml#	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On : 7 Sep 2010 4:15 pm
Operator : murtuzak
Sample : cc81-2.5
Misc : op15188,ev82,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 17:09:07 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration

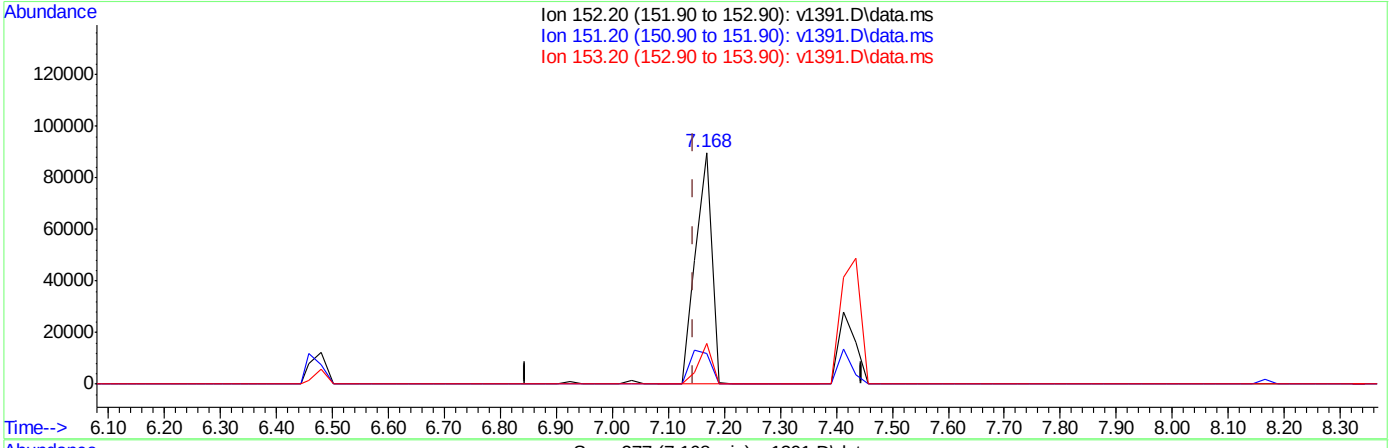


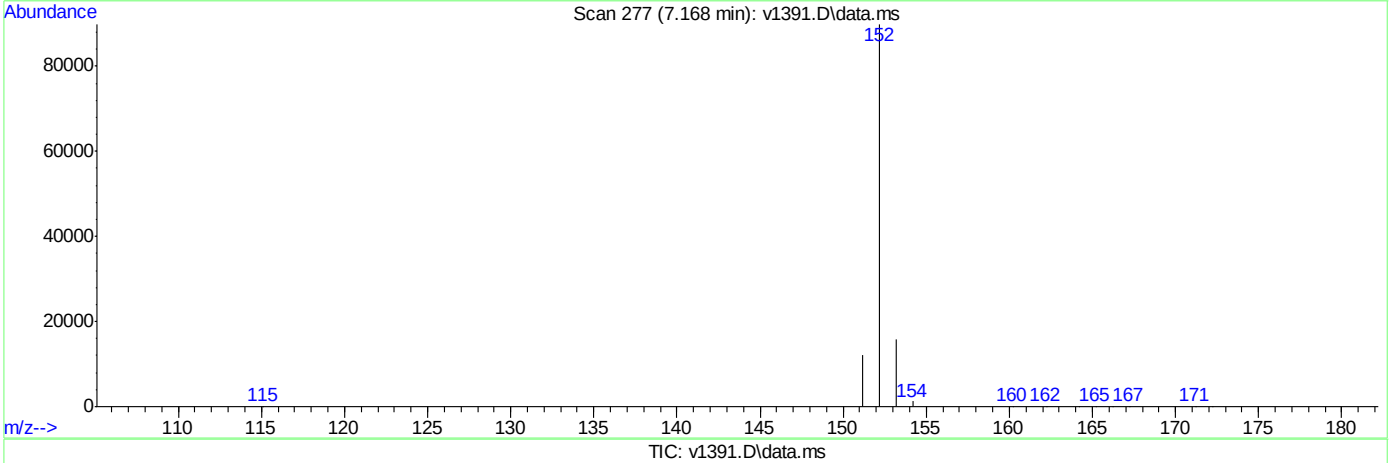
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On    :  7 Sep 2010   4:15 pm
Operator  : murtuzak
Sample    : cc81-2.5
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 16:37:59 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration
```





TIC: v1391.D\data.ms

(8) Acenaphthylene

7.168min (+0.022) 1.99ug/ml

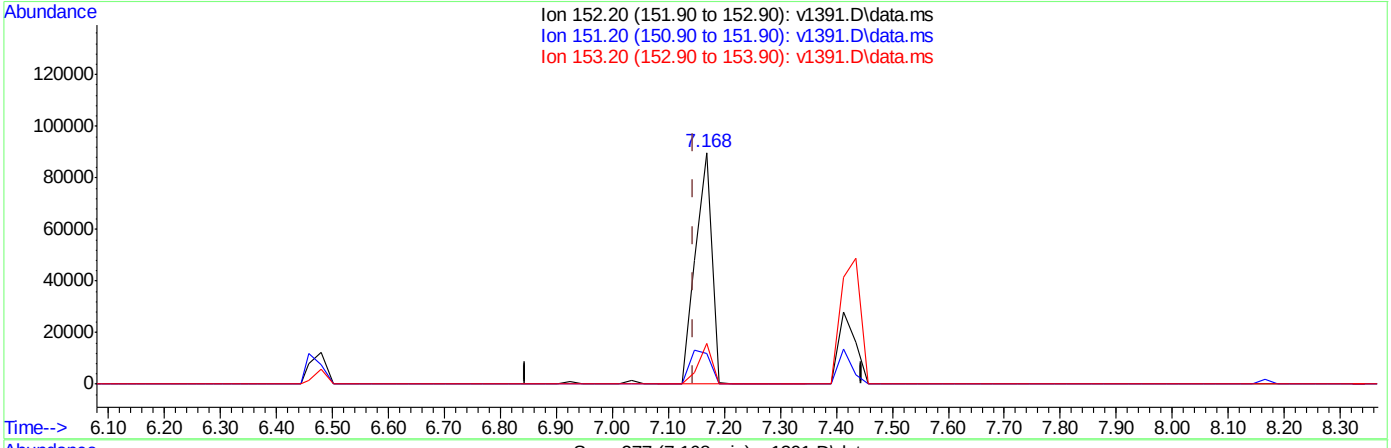
response 184000

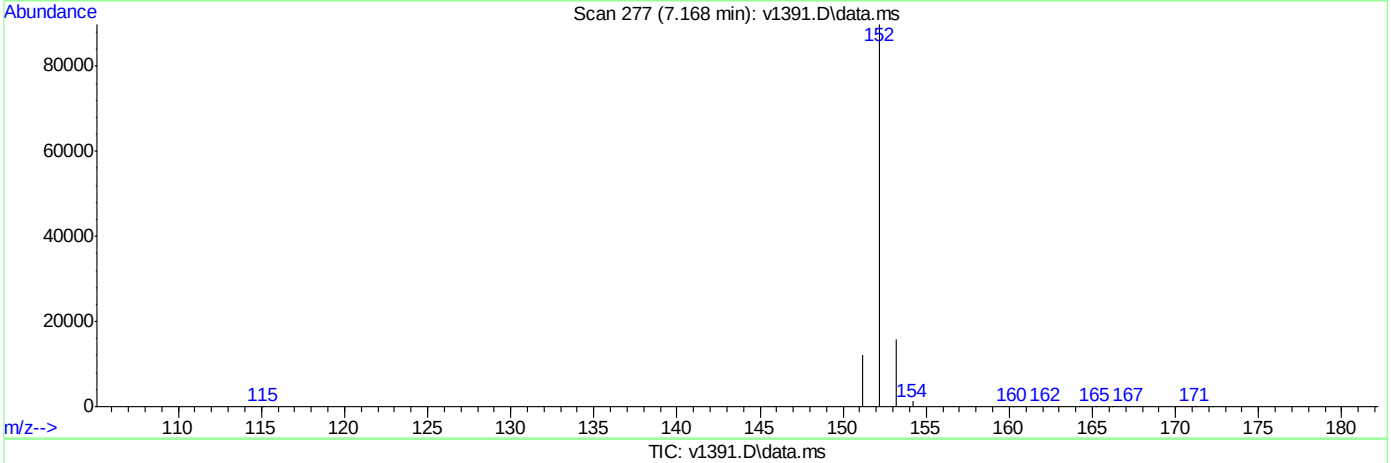
Ion	Exp%	Act%
152.20	100	100
151.20	21.00	18.29
153.20	13.10	14.90
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On    :  7 Sep 2010   4:15 pm
Operator  : murtuzak
Sample    : cc81-2.5
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 16:37:59 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration
```





TIC: v1391.D\data.ms

(8) Acenaphthylene

7.168min (+0.022) 2.01ug/ml m

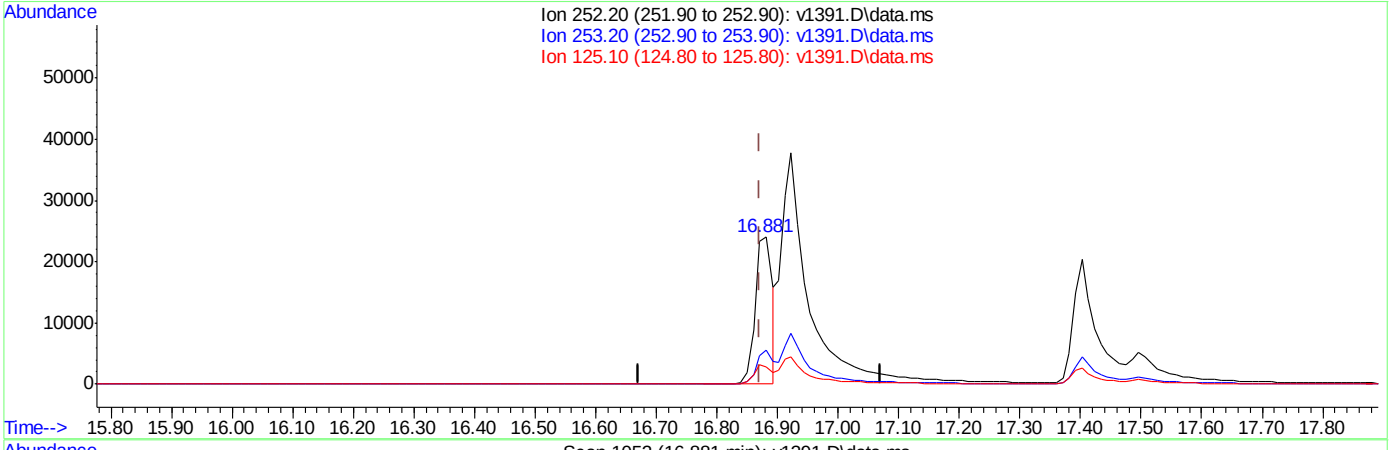
response 185196

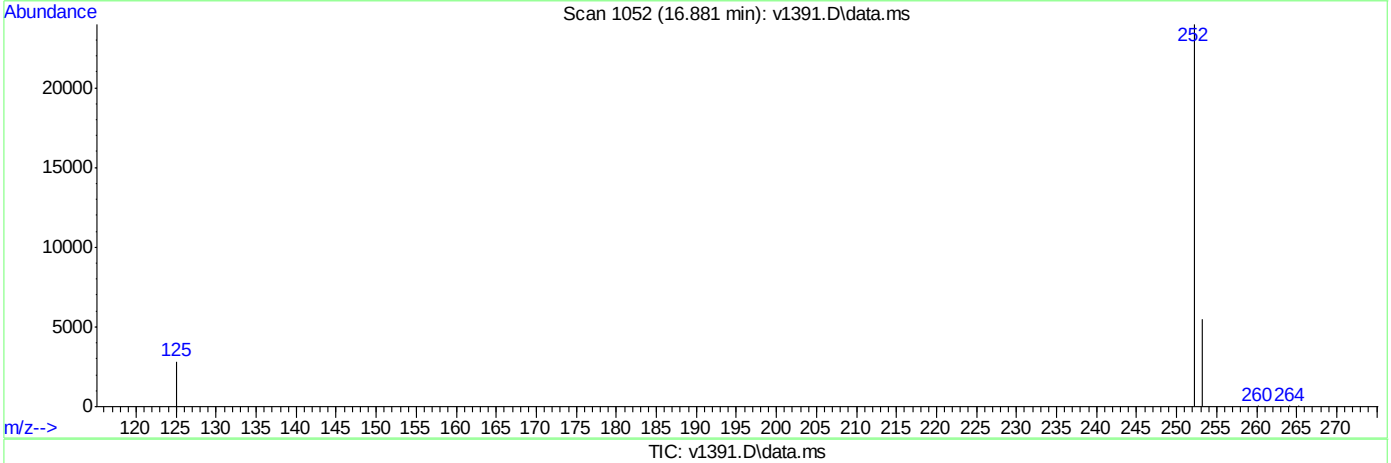
Ion	Exp%	Act%
152.20	100	100
151.20	21.00	18.18
153.20	13.10	14.80
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On    :  7 Sep 2010   4:15 pm
Operator  : murtuzak
Sample    : cc81-2.5
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 16:37:59 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration
```





TIC: v1391.D\data.ms

(21) Benzo(b)fluoranthene

16.881min (+0.010) 1.85ug/ml

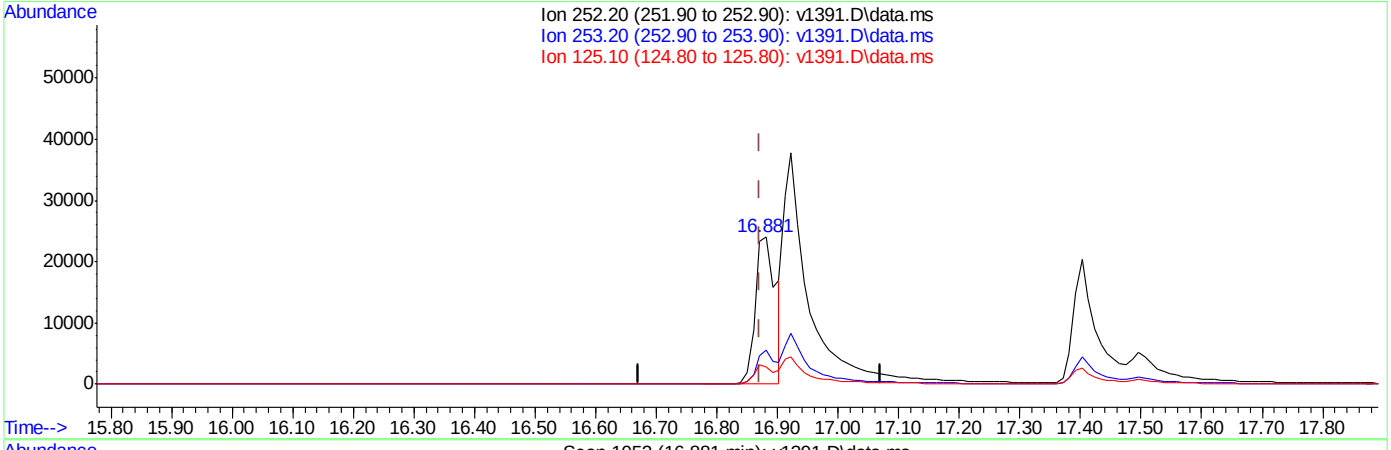
response 46254

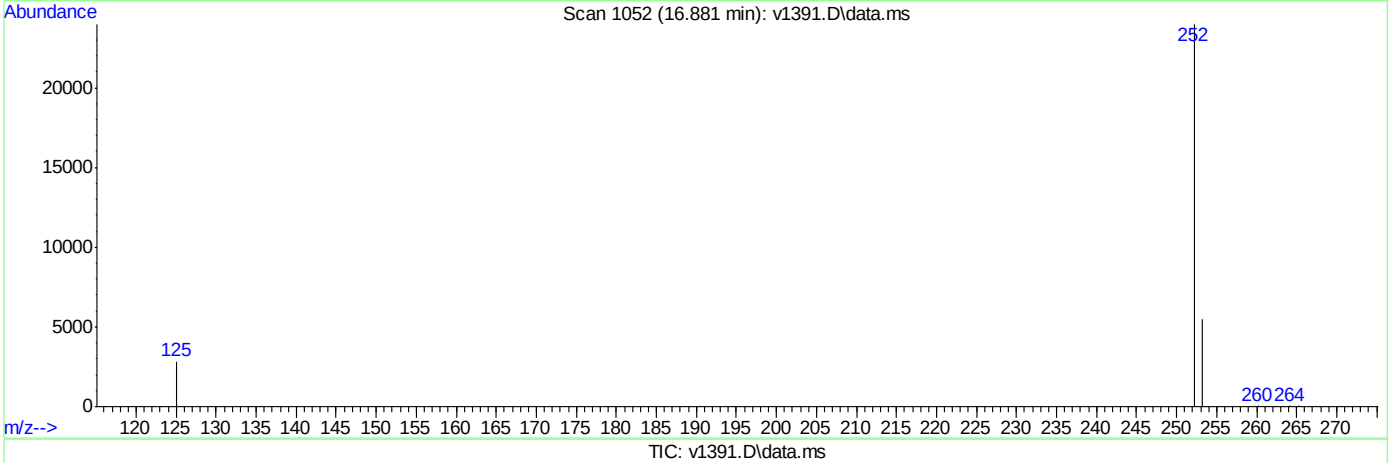
Ion	Exp%	Act%
252.20	100	100
253.20	21.20	0.00#
125.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On    :  7 Sep 2010   4:15 pm
Operator  : murtuzak
Sample    : cc81-2.5
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 16:37:59 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration
```





TIC: v1391.D\data.ms

(21) Benzo(b)fluoranthene

16.881min (+0.010) 2.22ug/ml m

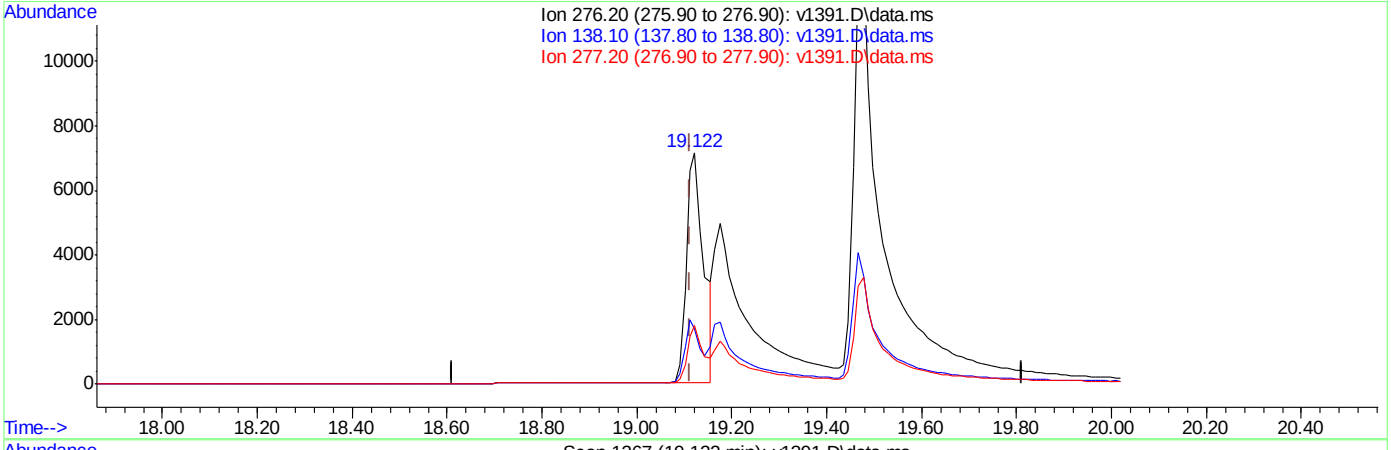
response 57169

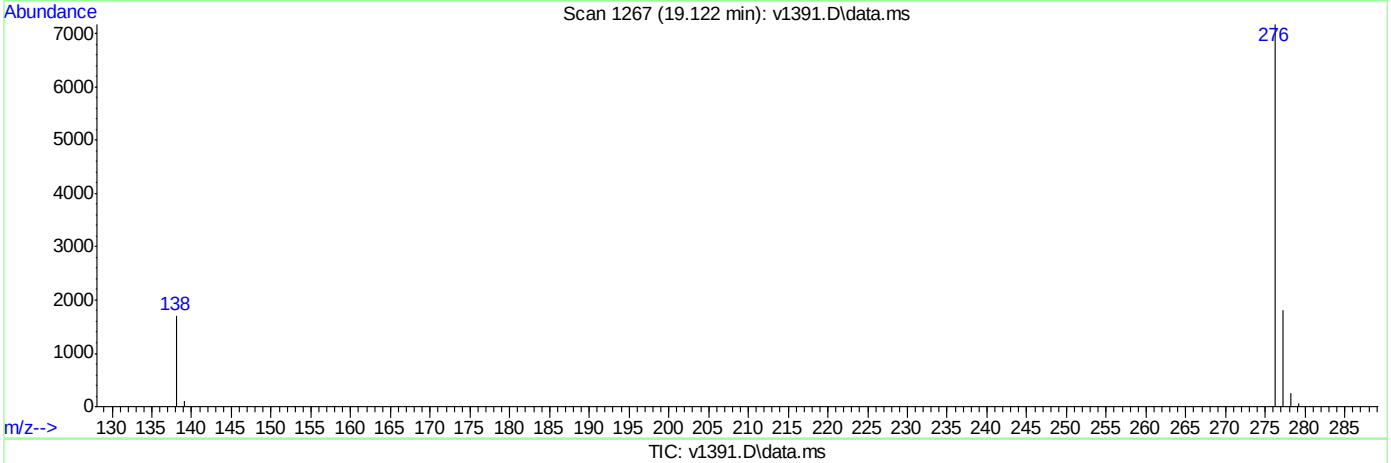
Ion	Exp%	Act%
252.20	100	100
253.20	21.20	0.00#
125.10	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On    :  7 Sep 2010   4:15 pm
Operator  : murtuzak
Sample    : cc81-2.5
Misc      : op15188,ev82,1000,,,1,1,water
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: Sep 07 16:37:59 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title  :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration
```





TIC: v1391.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 0.97ug/ml

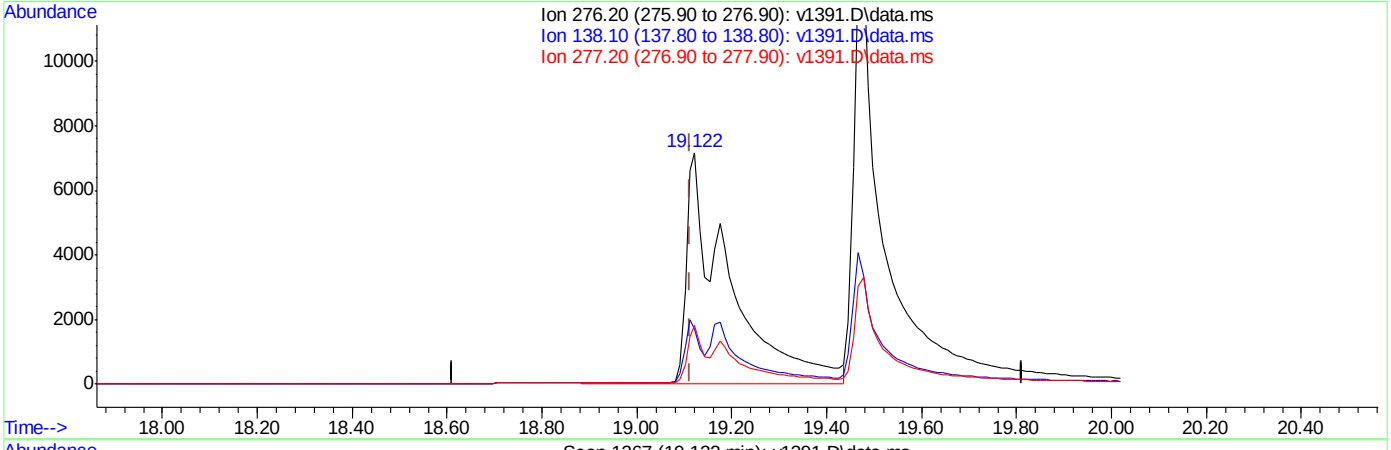
response 17621

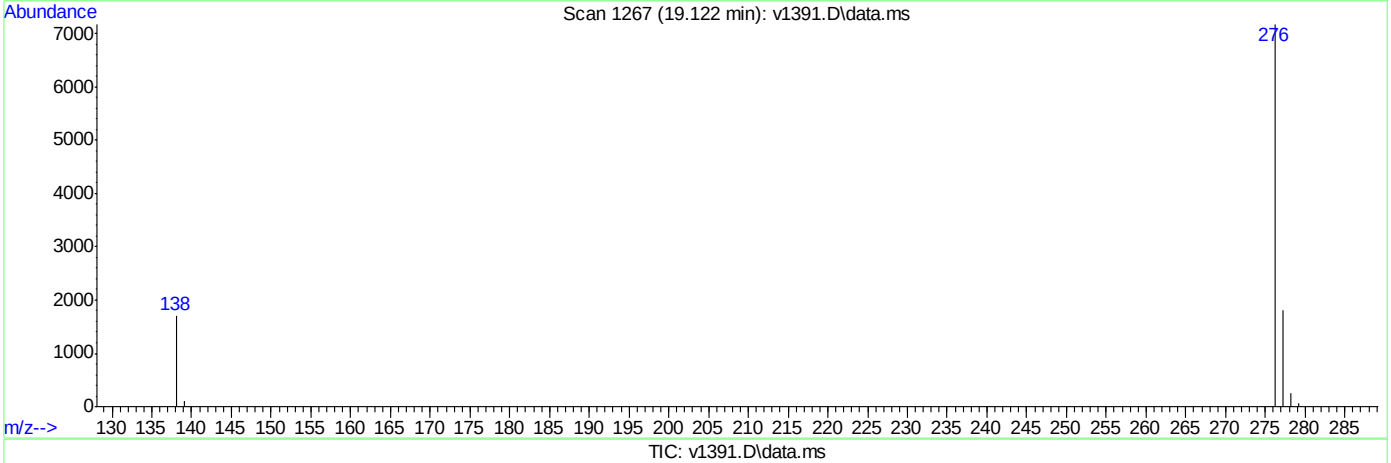
Ion	Exp%	Act%
276.20	100	100
138.10	28.40	0.00#
277.20	24.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\ev82\
Data File : v1391.D
Acq On : 7 Sep 2010 4:15 pm
Operator : murtuzak
Sample : cc81-2.5
Misc : op15188,ev82,1000,,,1,1,water
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 07 17:08:42 2010
Quant Method : C:\msdchem\1\METHODS\ev81sim.m
Quant Title :
QLast Update : Tue Sep 07 12:57:21 2010
Response via : Initial Calibration





TIC: v1391.D\data.ms

(24) Indeno(1,2,3-cd)pyrene

19.122min (+0.010) 2.02ug/ml m

response 44874

Ion	Exp%	Act%
276.20	100	100
138.10	28.40	0.00#
277.20	24.20	0.00#
0.00	0.00	0.00

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EJ921

Date: 9-5-2010

Analyst Signature: Sheila Cheng

Standard Data	
Ref #	Description
1	MS950
2	MS931-5C
3	↓ -4D
4	MS936-5C
5	-1B
6	-7A
7	↓ -7B

Standard Data	
Ref #	Description
8	MS936-4C
9	-5A
10	-6A
11	↓ -7A
12	MS937

Columns: RXI5Sil

SW-846/EPA Method 8270SIMPAH / 8270C/625

Initial Cal. Method EJ918SIMH / EJ921AP9

Calibration Date: 09/03/10 / 09/05/10

Injection Volume: / ul

Solvent ID #: NA

Solvent: NA

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	J155037	1	dfopp	dfopp				X	diskt inject.	SC
1	38	1	↓	↓				X	↓ Rebooting system	↑
1	39	1	↓	↓				✓	9:26Am	
2	40	2	cc918-25	JSIM				X	missing partial 2-FB biphenyl	
3	41	3	↓ -1					✓	DNR	
4	42	4	icc921-50	8270JRON				✓		
5	43	5	IC921-5	↓				✓		
6	44	6	-10					✓		
7	45	7	-25					✓		
8	46	8	-75					✓		
9	47	9	-100					X	bad injection	
10	48	10	-125					✓		
11	49	11	↓ -100					✓		
12	↓ 50	12	icv921-50	↓				✓		↓
									SC 9/5/10	

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EJ923

Date: 09/07/10 p.1 of 2

Analyst Signature: Sheila Chang

Standard Data	
Ref #	Description
1	MS 950
2	MS936-2C
3	↓ -4C
4	IS-MS948

Standard Data	
Ref #	Description

Columns: RXI 5ml

SW-846/EPA Method 8270C/625

Initial Cal. Method EJ921AP9

Calibration Date: 09/07/10

Injection Volume: 1ul

Solvent ID #: NA

Solvent: NA

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	J155065	1	dfbpp	dfbpp						Sc
1	66	1	↓	↓				✓		
2	67	2	CC921-50	8270JRON					IS↑	
3	68	3	↓ -75						IS↑	
1	69	1	dfbpp	dfbpp			✓	✓	10:24AM	
2	70	2	CC921-50	8270JRON				✓		
4	71	3	OP15932-mb		S	15932	~~1~~ sc 7/8/10	X	bad injection	
	72	4	↓ -mb		↓	↓	1	✓		
	73	5	OP15932-bs		↓	↓	1	✓		
	74	6	OP15945-mb		S	15945	1	✓		
	75	7	↓ -bs		↓	↓	1	✓		
	76	8	T59309-3		S	15932	1	✓		
	77	9	↓ -4		↓	↓	1	✓		
	78	10	OP15932-ms		↓	↓	1	✓		
	79	11	↓ -msd		↓	↓	1	✓		
	80	12	T59311-1		S	15945	1	✓		
	81	13	↓ -2		↓	↓	1	X	IS↓ need RRX1, DNR	
	82	14	T59312-1		↓	↓	1	✓		
	83	15	T59311-2		↓	↓	1	✓		
	84	16	OP15945-ms		↓	↓	1	✓	T59312-1ms	✓

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EJ923

Date: 09/07/10 P. 2 of 2

Analyst Signature: Shirlo Chang

Standard Data	
Ref #	Description
4	IS-MS948

Standard Data	
Ref #	Description

Columns: See page 62

SW-846/EPA Method

Initial Cal. Method

Calibration Date:

Injection Volume:

Solvent ID #:

Solvent:

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
4	J155085	17	OP15945-MSD	8270TRON	S	15945	1	✓		SC
	86	18	OP15959-MB		TCLP	15959	1	✓		
	87	19	↓ -bs		↓	↓	1	✓		
	88	20	T59118-1		TCLP	15929	1	✓		
✓	✓ 89	21	T59116-1	✓	TCLP	15959	1	✓	IS 5,6 but not associated with target cpds.	✓

SC 9/7/10

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EP621

Date: 9-4-2010

Analyst Signature: Gary Fedlich

Standard Data	
Ref #	Description
1	MS950
2	MS936-1B
3	-7A
4	-2B
5	-3C
6	-4C
7	-5A

Standard Data	
Ref #	Description
8	MS936-6A
9	MS937

Columns: RX1-5 sil MS

SW-846/EPA Method 8270C/625

Initial Cal. Method EP621A9

Calibration Date: 9-4-2010

Injection Volume: µL

Solvent ID #: NA

Solvent: NA

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	P13143	1	DFTPP	DFTPP				✓		GJ
5	44	2	ICC621-50	8270P				✓		
2	45	3	IC621-5					✓		
3	46	4	-10					✓		
4	47	5	-25					✓		
6	48	6	-75					✓		
7	49	7	-100					✓		
8	50	8	-125					✓		
9	51	9	ICV621-50					✓		

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EP624

Date: 9-7-2010 (p1of2)

Analyst Signature: Gary Fedlinski

Standard Data		Standard Data	
Ref #	Description	Ref #	Description
1	MS950 9/7/10		
2	MS936 ~~3C~~ 3C		
3	MS948		

Columns: RX1-5sil MS

SW-846/EPA Method 8270C/625

Initial Cal. Method EP621A9

Calibration Date: 9-4-2010

Injection Volume: 1µL

Solvent ID #: NA

Solvent: NA

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	P13202	1	DFTPP	DFTPP				✓	8:58 a.m.	GJ
2	03	2	CC621-50	8270P				✓		
3	04	3	OP15935-MB		W	15935	1	✓		
	05	4	↓ -BS		↓	↓	1	✓		
	06	5	OP15929-MB		TCLP	15929	1	✓		
	07	6	↓ -BS				1	✓		
	08	7	T59297-1				1	✓		
	09	8	OP15929-MS				1	✓		
	10	9	↓ -MSD				1	✓		
	11	10	T59309-1		W	15935	1	✓		
	12	11	↓ -2		↓	↓	1	✓		
	13	12	OP15947-MB		W	15947	1	✓		
	14	13	↓ -BS				1	✓		
	15	14	T59311-3				1	✓		
	16	15	↓ -4				1	✓		
	17	16	T59312-2				1	✓		
	18	17	OP15935-MS		W	15935	1	✓		
	19	18	↓ -MSD				1	✓		
	20	19	T59308-1		TCLP	15929	1	✓		
	21	20	T59310-1				1	✓		

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EP624

Date: 9-7-2010 (p 2 of 2)

Analyst Signature: [illegible]

Standard Data		Standard Data	
Ref #	Description	Ref #	Description
3	MS948		

Columns: See p 85

SW-846/EPA Method

Initial Cal. Method

Calibration Date:

Injection Volume:

Solvent ID #:

Solvent:

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
3	P13222	21	T59308-2	8270P	TCLP	15929	1	✓		[illegible]
	23	22	-3				1	✓		
	24	23	op15947-ms		W	15947	1	✓		
	25	24	msd				1	✓		
	26	25	T59310-2		TCLP	15959	1	DNR	Screen	
	27	26	op15959-ms				1			
	28	27	msd				1			

GT 9/8/10

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: Ev 81

Date: ~~9/8/10~~ MK 9/7/10 9/7/10

Analyst Signature: Murtuza Khan/SC

Standard Data

Ref #	Description
1	MS 950
2	MS 931 - 4c
3	- 5c
4	- 1b
5	- 2b
6	- 6b
7	- 7b

Standard Data

Ref #	Description
8	~~IS - MS 94~~ MS932
9	IS - MS 943A
SC 9/7/10	

Columns: Rxi5sil

SW-846/EPA Method B 8270 SIMPAH

Initial Cal. Method Ev 81 SIM

Calibration Date: 9/7/10

Injection Volume: 1µl

Solvent ID #: Na

Solvent: Na

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	v1375	1	DFTPP	DFTPP				x		MK/SC
1	v1376	1	↓	↓				✓	9:50Am	
2	v1377	2	ic81-1.0	simvh				✓		
3	v1378	3	icc81-2.5					✓		
4	v1379	4	ic81-0.1					✓		
5	v1380	5	0.2					✓		
6	v1381	6	5.0					✓		
7	v1382	7	10.0					✓		
8	V1383	8	icv81-2.5					✓		
9	V1384	9	OP15936-mb		W	15936	1	✓		
	V1385	10	↓ -BS		↓	↓	↓	✓		
	V1386	11	OP15933-mb		S	15933	1	✓		
	V1387	12	↓ -bs		↓	↓	↓	✓		
	V1388	13	OP15946-mb		S	15946	1	✓		
	v1389	14	↓ -bs		↓	↓	↓	✓		
									9/7/10	MK

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: Ev 82

Date: 09/07/2010 (a) P1 of 2

Analyst Signature: Murtuza Khan/Sc

Standard Data	
Ref #	**Description**
1	MS 950
2	MS 931-5C
3	IS-MS 943a

Standard Data	
Ref #	**Description**

Columns: Rxi 5sil

SW-846/EPA Method ~~8~~ 8270 SIMPAH

Initial Cal. Method Ev 81 SIM

Calibration Date: 9/7/10

Injection Volume: 1µl

Solvent ID #: Na

Solvent: Na

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	v1390	1	DFTPP	DFTPP				✓	4:03 pm	MK/Sc
2	v1391	2	cc 81-2.5	SIMvk				✓		
3	v1392	3	OP15948-MB		W	15948	1	✓		
3	v1393	4	↓ -BS		↓	↓	↓	✓		
	v1394	5	t59309-1		W	15936	1	✓		
	v1395	6	↓ -2		↓	↓	↓	✓		
	v1396	7	t59312-2		W	15948	1	✓		
	v1397	8	t59311-3		↓	↓	↓	✓		
	v1398	9	↓ -4		↓	↓	↓	✓		
	v1399	10	t59311-1		S	15946	1	✓		
	v1400	11	↓ -2		↓	↓	↓	✓		
	v1401	12	t59312-1		↓	↓	↓	✓		
	v1402	13	t59309-3		S	15933	1	✓		
	v1403	14	↓ -4		↓	↓	↓	✓		
	V1404	15	OP15934-MB		W	15934	1	✓	SIM only, for Naphthalene	
	V1405	16	↓ -BS		↓	↓	1	✓	~~DNR~~ MK 9/8/10	
	V1406	12	T59312-1		S	15946	1	x	DNR	
	V1407	13	T59309-3		S	15933	1	x	DNR	
	V1408	14	↓ -4		↓	↓	1	x	DNR	
	V1409	17 ~~MK~~ Sc	9/7/10 T59270-5	↓	W	15934	1	✓	SIM only, Vi=410ml	↓

MTX = Matrix Designate W for water, S for soil, O for oil.

Form: MS014

ACCUTEST

GC/MS SEMIVOLATILE ANALYSIS LOG

Batch ID: EV82

Date: 09/07/2010 @ 1P 2062

Analyst Signature: [illegible]

Standard Data	
Ref #	Description
3	IS MS 943a

Standard Data	
Ref #	Description

Columns: * See Page 7

SW-846/EPA Method

Initial Cal. Method

Calibration Date:

Injection Volume:

Solvent ID #: OP100B31A4

Solvent: DCM

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
3	V1410	18	T59270-4	SIMVH	W	15934	1	✓		SC
	V1411	19	↓ -3	SIMVH			1	✓		
	V1412	20	T59270-2,4X				4		DNR	
	V1413	21	↓ -1,100X				100			
	V1414	22	OP15934-MS,100X				100			
	V1415	23	↓ -MSd,100X				100		↓	
	V1416	24	T59270-6				1	✓		
↓	V1417	25	↓ -7	↓	↓	↓	1	✓	3:25 AM	↓

SC 9/7/2010

MTX = Matrix Designate W for water, S for soil, O for oil.

8.7.6

8

Form: MS014

ACCUTEST

BNA SOLID SAMPLE PREP REPORT

Date: 9-6-2010 Method: 3550B Batch#: OP15932 / OP15933

Analyst: EF

Sample ID	Bottle Number	Amount Extracted (g)	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	NA	30.00	0.5		1.0 ml	
BS	↓	30.00		0.5		
T59309-EF-1B	1	30.216				
EF-1A	1	30.58	↓		↓	
						EF 9-6-10
MS	1	30.84				T59309-1A3 EF 9-6-2010
MSD	1	30.44				↓

Surrogate ID: MS100702A2 Conc: 200/100 ppm Exp. Date: 1-2-11 Bath Temp.: 42°C

Spike ID: MS100728A5 Conc: 100 µg/ml Exp. Date: 4-30-11 Bath Temp. #2:

Methylene Chloride ID #: 08100831A19 Bath Temp. #3:

50:50 Methylene Chloride/Acetone ID #: N/A Dried Sodium Sulfate ID#: 23-08-39-2

Comments:

Relinquished By: Ena Fields Date: 9-6-10

Accepted By: [illegible] Date: 9/7/10

Form: OP005, Rev. 02/04/2009, QAO

ACCUTEST

BNA SOLID SAMPLE PREP REPORT

Date: 9-6-2010 Method: 3550B Batch#: OP15932 / OP15933

Analyst: EF

Sample ID	Bottle Number	Amount Extracted (g)	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	NA	30.00	0.5		1.0 ml	
BS	↓	30.00		0.5		
T59309-EF-A3	1	30.26				
EF-A4	1	30.58	↓		↓	
						E.F 9-6-10
MS	1	30.84				T59309-A3 EF 9-6-2010
MSD	1	30.44				↓

Surrogate ID: MS100702A2 Conc: 200/100 ppm Exp. Date: 1-2-11 Bath Temp.: 42°C

Spike ID: MS100728A5 Conc: 100 µg/ml. Exp. Date: 4-30-11 Bath Temp. #2:

Methylene Chloride ID #: 08100831A19 Bath Temp. #3:

50:50 Methylene Chloride/Acetone ID #: N/A Dried Sodium Sulfate ID#: 23-08-39-2

Comments:

Relinquished By: Ena Fields Date: 9-6-10

Accepted By: [illegible] Date: 9/7/10

5

Form: OP005, Rev. 02/04/2009, QAO

8.8.2

8

BNA LIQUID SAMPLE PREP REPORT

Date: 9-6-10 Method: EPA 3510C Batch#: OP15935 / OP15936

Analyst: EC

Sample ID	Bottle Number	Amount Extracted (ml)	Initial pH	Adjusted pH	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	N/A	1000	7	<2>12	0.5ml	—	1.0ml	
BS	↓	↓	↓	↓	↓	0.5ml.	↓	
T59309-1	1	990	↓	↓	↓	—	↓	
↓ 2	1	↓	↓	↓	↓	↓	↓	
MS		500	7	<2>12	0.5ml.	0.5ml.	1.0ml.	T59309-5/1
MSD		↓	↓	↓	↓	↓	↓	↓

Surrogate ID: MS100702A2 Conc: 200/100ppm Exp. Date: 1-2-11 Bath Temp #1.: 42°C

Spike ID: MS100728A5 Conc: 100µg/ml. Exp. Date: 4-30-11 Bath Temp.#2:

Bath Temp.#3:

Methylene Chloride ID #: OP100831A13 Dried Sodium Sulfate ID#: 23-OP-39#2

1:1 Sulfuric Acid ID # 23-OP-37-3 10 N Sodium Hydroxide # OP100713B2

Comments:

Relinquished By: Eugene Contreras Date: 9-6-10

Accepted By: [signature] Date: 9/7/10

Form: OP006, Rev. 02 8/6/09, QAO

BNA LIQUID SAMPLE PREP REPORT

Date: 9·6·10 Method: EPA 3510C Batch#: OP15935 / OP15936

Analyst: EC

Sample ID	Bottle Number	Amount Extracted (ml)	Initial pH	Adjusted pH	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	N/A	1000	7	<2>12	0.5ml	—	1.0ml	
BS	↓	↓	↓	↓	↓	0.5ml.	↓	
T59309-1	1	990	↓	↓	↓	↓	↓	
↓ 2	1	↓	↓	↓	↓	↓	↓	
MS		500	7	<2>12	0.5ml	0.5ml.	1.0ml.	T59309-5/1
MSD		↓	↓	↓	↓	↓	↓	1

Surrogate ID: MS100702A2 Conc: 200/100ppm Exp. Date: 1·2·11 Bath Temp #1.: 42°C

Spike ID: MS100728A5 Conc: 100µg/ml. Exp. Date: 4·30·11 Bath Temp.#2:

Bath Temp.#3:

Methylene Chloride ID #: OP100831A13 Dried Sodium Sulfate ID#: 23-OP-39#2

1:1 Sulfuric Acid ID # 23-OP-37-3 10 N Sodium Hydroxide # OP100713B2

Comments:

Relinquished By: Eugene Contreras Date: 9·6·10

Accepted By: [signature] Date: 9/7/10

Form: OP006, Rev. 02 8/6/09, QAO

Gulf Coast ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBB108-MB	BB0001844.D	1	09/07/10	AT	n/a	n/a	GBB108

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-1, T59309-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.0060	mg/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	42-123%
98-08-8	aaa-Trifluorotoluene	99%	51-130%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBB109-MB	BB0001844.D	1	09/07/10	AT	n/a	n/a	GBB109

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	0.30	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	93%	46-127%
98-08-8	aaa-Trifluorotoluene	99%	44-120%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBB108-BS	BB0001842.D	1	09/07/10	AT	n/a	n/a	GBB108

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-1, T59309-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.324	81	81-113

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	42-123%
98-08-8	aaa-Trifluorotoluene	106%	51-130%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBB109-BS	BB0001842.D	1	09/07/10	AT	n/a	n/a	GBB109

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-3, T59309-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	0.4	0.324	81	78-115

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	46-127%
98-08-8	aaa-Trifluorotoluene	106%	44-120%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59309-1MS	BB0001848.	D1	09/07/10	AT	n/a	n/a	GBB108
T59309-1MSD	BB0001849.	D1	09/07/10	AT	n/a	n/a	GBB108
T59309-1	BB0001845.	D1	09/07/10	AT	n/a	n/a	GBB108

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-1, T59309-2

CAS No.	Compound	T59309-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	0.050	U	0.4	0.433	108	0.447	112	3	81-113/31

CAS No.	Surrogate Recoveries	MS	MSD	T59309-1	Limits
460-00-4	4-Bromofluorobenzene	97%	98%	92%	42-123%
98-08-8	aaa-Trifluorotoluene	110%	113%	101%	51-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
T59312-1MS	BB0001854.	D1	09/07/10	AT	n/a	n/a	GBB109
T59312-1MSD	BB0001855.	D1	09/07/10	AT	n/a	n/a	GBB109
T59312-1	BB0001853.	D1	09/07/10	AT	n/a	n/a	GBB109

The QC reported here applies to the following samples: **Method:** SW846 8015

T59309-3, T59309-4

CAS No.	Compound	T59312-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	20	U	81.3	67.6	83	68.8	85	2	78-115/14

CAS No.	Surrogate Recoveries	MS	MSD	T59312-1	Limits
460-00-4	4-Bromofluorobenzene	94%	96%	92%	46-127%
98-08-8	aaa-Trifluorotoluene	105%	105%	100%	44-120%

Volatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8015 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]
T59309-1	BB0001845.D	92.0	101.0
T59309-2	BB0001852.D	93.0	100.0
GBB108-BS	BB0001842.D	94.0	106.0
GBB108-MB	BB0001844.D	93.0	99.0
T59309-1MS	BB0001848.D	97.0	110.0
T59309-1MSD	BB0001849.D	98.0	113.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	42-123%
S2 = aaa-Trifluorotoluene	51-130%

(a) Recovery from GC signal #1

Volatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8015 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S2 [a]
T59309-3	BB0001858.D	92.0	99.0
T59309-4	BB0001859.D	93.0	101.0
GBB109-BS	BB0001842.D	94.0	106.0
GBB109-MB	BB0001844.D	93.0	99.0
T59312-1MS	BB0001854.D	94.0	105.0
T59312-1MSD	BB0001855.D	96.0	105.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	46-127%
S2 = aaa-Trifluorotoluene	44-120%

(a) Recovery from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GBB109-CC78	**Injection Date:**	09/07/10
Lab File ID:	BB0001839.D	**Injection Time:**	09:41
Instrument ID:	GCBB	**Method:**	SW846 8015

	S1 [a] RT	S2 [a] RT
Check Std	8.15	4.64

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
GBB108-BS	BB0001842.D	09/07/10	11:05	8.15	4.64
GBB109-BS	BB0001842.D	09/07/10	11:05	8.15	4.64
GBB108-MB	BB0001844.D	09/07/10	12:05	8.15	4.64
GBB109-MB	BB0001844.D	09/07/10	12:05	8.15	4.64
T59309-1	BB0001845.D	09/07/10	12:28	8.15	4.64
T59309-1MS	BB0001848.D	09/07/10	13:44	8.15	4.64
T59309-1MSD	BB0001849.D	09/07/10	14:08	8.15	4.64

Surrogate Compounds

S1 = 4-Bromofluorobenzene
S2 = aaa-Trifluorotoluene

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GBB108-CC78	**Injection Date:**	09/07/10
Lab File ID:	BB0001839.D	**Injection Time:**	09:41
Instrument ID:	GCBB	**Method:**	SW846 8015

	S1 [a] RT	S2 [a] RT
Check Std	8.15	4.64

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
GBB108-BS	BB0001842.D	09/07/10	11:05	8.15	4.64
GBB109-BS	BB0001842.D	09/07/10	11:05	8.15	4.64
GBB108-MB	BB0001844.D	09/07/10	12:05	8.15	4.64
GBB109-MB	BB0001844.D	09/07/10	12:05	8.15	4.64
T59309-1	BB0001845.D	09/07/10	12:28	8.15	4.64
T59309-1MS	BB0001848.D	09/07/10	13:44	8.15	4.64
T59309-1MSD	BB0001849.D	09/07/10	14:08	8.15	4.64

Surrogate Compounds

S1 = 4-Bromofluorobenzene
S2 = aaa-Trifluorotoluene

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GBB108-CC78	**Injection Date:**	09/07/10
Lab File ID:	BB0001850.D	**Injection Time:**	14:31
Instrument ID:	GCBB	**Method:**	SW846 8015

	S1 [a] RT	S2 [a] RT
Check Std	8.16	4.64

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
T59309-2	BB0001852.D	09/07/10	15:38	8.15	4.64
T59312-1	BB0001853.D	09/07/10	16:01	8.16	4.64
T59312-1MS	BB0001854.D	09/07/10	16:25	8.16	4.64
T59312-1MSD	BB0001855.D	09/07/10	16:47	8.16	4.64
ZZZZZZ	BB0001856.D	09/07/10	17:11	8.16	4.64
ZZZZZZ	BB0001857.D	09/07/10	17:34	8.16	4.64
T59309-3	BB0001858.D	09/07/10	17:57	8.16	4.64
T59309-4	BB0001859.D	09/07/10	18:20	8.16	4.64

Surrogate Compounds

S1 = 4-Bromofluorobenzene
S2 = aaa-Trifluorotoluene

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GBB109-CC78	**Injection Date:**	09/07/10
Lab File ID:	BB0001850.D	**Injection Time:**	14:31
Instrument ID:	GCBB	**Method:**	SW846 8015

	S1 [a] RT	S2 [a] RT
Check Std	8.16	4.64

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S2 [a] RT
T59309-2	BB0001852.D	09/07/10	15:38	8.15	4.64
T59312-1	BB0001853.D	09/07/10	16:01	8.16	4.64
T59312-1MS	BB0001854.D	09/07/10	16:25	8.16	4.64
T59312-1MSD	BB0001855.D	09/07/10	16:47	8.16	4.64
ZZZZZZ	BB0001856.D	09/07/10	17:11	8.16	4.64
ZZZZZZ	BB0001857.D	09/07/10	17:34	8.16	4.64
T59309-3	BB0001858.D	09/07/10	17:57	8.16	4.64
T59309-4	BB0001859.D	09/07/10	18:20	8.16	4.64

Surrogate Compounds

S1 = 4-Bromofluorobenzene
S2 = aaa-Trifluorotoluene

(a) Retention time from GC signal #1

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: GBB78-ICC78
Lab FileID: BB0001345.D

```
                         Response Factor Report  GC BB

  Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
  Title        : TPH-GRO (C6-C10)
  Last Update  : Tue Aug 17 15:00:55 2010
  Response via : Initial Calibration

  Calibration Files
  400 =BB0001345.D  200 =BB0001344.D  800 =BB0001346.D  100 =BB0001343.D
  1000=BB0001347.D  50  =BB0001342.D  2000=BB0001348.D

     Compound             400   200   800   100   1000  50    2000  Avg   %RSD
  ---------------------------------------------------------------------------
  1)S aaa-Trifluorotolu 4.347 3.600 3.825 3.735 3.496 3.137 3.928 3.724 E3  10.12
  2)H TPH-GRO (C6-C10)  3.198 2.823 3.268 3.247 2.803 3.011 2.865 3.031 E3   6.78
  3)S 4-Bromofluorobenz 3.206 3.116 3.163 3.236 3.173 2.870 3.186 3.136 E3   3.92

Signal #2

  1)S aaa-Trifluorotolu 2.651 2.589 2.701 2.683 2.295 2.864 2.341 2.589 E3   7.86
  2)H TPH-GRO (C6-C10)  1.352 1.343 1.343 1.468 1.240 1.358 1.254 1.337 E4   5.66
  3)S 4-Bromofluorobenz                                     1.162 1.162 E2   0.00
 ---------------------------------------------------------------------------
 (#) = Out of Range

          BB78.m            Tue Aug 17 15:23:09 2010
```

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB78-ICV78
Lab FileID: BB0001350.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\msdchem\1\DATA\BB078\BB0001350.D\FID1A.CH Vial: 10
 Acq On    : 17-Aug-10, 13:28:18                      Operator: anthonyt
 Sample    : icv80-400                                Inst    : GC BB
 Misc      : gc3285,GBB080,5,,,5,,water               Multiplr: 1.00
 IntFile   : events.e

 Data File : C:\msdchem\1\DATA\BB078\BB0001350.D\ELC2B.CH Vial: 0
 Acq On    : 17-Aug-10, 13:28:18                      Operator: anthonyt
 Sample    : icv-400                                  Inst    : GC BB
 Misc      : gc3285,GBB080,5,,,5,,water               Multiplr: 1.00
 IntFile   : events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.724   1.961 E3  47.3#  45#  0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.031   2.811 E3   7.3   88   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.136   1.516 E3  51.7#  47#  0.00    7.67- 8.66

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.589   3.774 E3 -45.8# 142   0.01    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        13.368  10.017 E3  25.1#  74   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene              ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0001345.D BB78.m           Wed Aug 18 14:48:28 2010
```

9.6.2

9

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB108-CC78
Lab FileID: BB0001839.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\msdchem\1\DATA\BB108\BB0001839.D\FID1A.CH Vial: 2
 Signal #2 : C:\msdchem\1\DATA\BB108\BB0001839.D\ELC2B.CH
 Acq On    : 07-Sep-10, 09:41:28                      Operator: anthonyt
 Sample    : cc78-400                                 Inst    : GC BB
 Misc      : gc3330,GBB109,5,,,5,,soil                Multiplr: 1.00
 IntFile Signal #1: events.e     IntFile Signal #2: events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.750   3.839 E3  -2.4   98   0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.166   3.296 E3  -4.1  106   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.134   3.352 E3  -7.0  106  -0.01    7.67- 8.67

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.906   2.697 E3   7.2   84   0.00    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        14.341  13.301 E3   7.3   96   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene               ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0000160.D BB78.m           Wed Sep 08 10:20:33 2010
```

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB109-CC78
Lab FileID: BB0001839.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\msdchem\1\DATA\BB108\BB0001839.D\FID1A.CH Vial: 2
 Signal #2 : C:\msdchem\1\DATA\BB108\BB0001839.D\ELC2B.CH
 Acq On    : 07-Sep-10, 09:41:28                      Operator: anthonyt
 Sample    : cc78-400                                 Inst    : GC BB
 Misc      : gc3330,GBB109,5,,,5,,soil                Multiplr: 1.00
 IntFile Signal #1: events.e     IntFile Signal #2: events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.750   3.839 E3  -2.4   98   0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.166   3.296 E3  -4.1  106   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.134   3.352 E3  -7.0  106  -0.01    7.67- 8.67

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.906   2.697 E3   7.2   84   0.00    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        14.341  13.301 E3   7.3   96   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene               ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0000160.D BB78.m           Wed Sep 08 10:20:33 2010
```

9.6.4

9

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB108-CC78
Lab FileID: BB0001850.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\msdchem\1\DATA\BB108\BB0001850.D\FID1A.CH Vial: 13
 Signal #2 : C:\msdchem\1\DATA\BB108\BB0001850.D\ELC2B.CH
 Acq On    : 07-Sep-10, 14:31:19                      Operator: anthonyt
 Sample    : cc78-800                                 Inst    : GC BB
 Misc      : gc3330,GBB109,5,,,5,,soil                Multiplr: 1.00
 IntFile Signal #1: events.e     IntFile Signal #2: events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.750   3.763 E3  -0.3  101   0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.166   2.751 E3  13.1   97   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.134   3.300 E3  -5.3  104   0.00    7.67- 8.67

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.906   2.164 E3  25.5#  86   0.01    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        14.341  12.189 E3  15.0   98   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene               ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0000161.D BB78.m           Wed Sep 08 10:21:02 2010
```

9.6.5

9

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB109-CC78
Lab FileID: BB0001850.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\msdchem\1\DATA\BB108\BB0001850.D\FID1A.CH Vial: 13
 Signal #2 : C:\msdchem\1\DATA\BB108\BB0001850.D\ELC2B.CH
 Acq On    : 07-Sep-10, 14:31:19                      Operator: anthonyt
 Sample    : cc78-800                                 Inst    : GC BB
 Misc      : gc3330,GBB109,5,,,5,,soil                Multiplr: 1.00
 IntFile Signal #1: events.e     IntFile Signal #2: events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.750   3.763 E3  -0.3  101   0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.166   2.751 E3  13.1   97   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.134   3.300 E3  -5.3  104   0.00    7.67- 8.67

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.906   2.164 E3  25.5#  86   0.01    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        14.341  12.189 E3  15.0   98   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene               ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0000161.D BB78.m           Wed Sep 08 10:21:02 2010
```

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GBB108-CC78
Lab FileID: BB0001862.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\msdchem\1\DATA\BB108\BB0001862.D\FID1A.CH Vial: 25
 Signal #2 : C:\msdchem\1\DATA\BB108\BB0001862.D\ELC2B.CH
 Acq On    : 07-Sep-10, 19:30:14                      Operator: anthonyt
 Sample    : cc78-400                                 Inst    : GC BB
 Misc      : gc3330,GBB109,5,,,5,,soil                Multiplr: 1.00
 IntFile Signal #1: events.e     IntFile Signal #2: events2.e

 Method       : C:\msdchem\1\methods\BB78.m (ChemStation Integrator)
 Title        : TPH-GRO (C6-C10)
 Last Update  : Tue Aug 17 15:00:55 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   aaa-Trifluorotoluene     3.750   3.486 E3   7.0   89   0.00    4.15- 5.15
 2 H   TPH-GRO (C6-C10)         3.166   2.601 E3  17.8   84   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene     3.134   3.160 E3  -0.8  100   0.00    7.67- 8.67

*****  Signal #2   *****

 1 S   aaa-Trifluorotoluene     2.906   1.863 E3  35.9#  58   0.01    3.45- 4.45
 2 H   TPH-GRO (C6-C10)        14.341  11.663 E3  18.7   84   0.00    1.97- 8.27
 3 S   4-Bromofluorobenzene               ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    BB0000160.D BB78.m           Wed Sep 08 10:20:35 2010
```

Gulf Coast ACCUTEST LABORATORIES

GC Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001845.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:28:44
Operator : anthonyt
Sample : t59309-1
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:13 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.642	0.000	75808	0	20.215	N.D.	#
3) S 4-Bromofl...	8.154	0.000	57633	0	18.388	N.D.	#
Target Compounds							

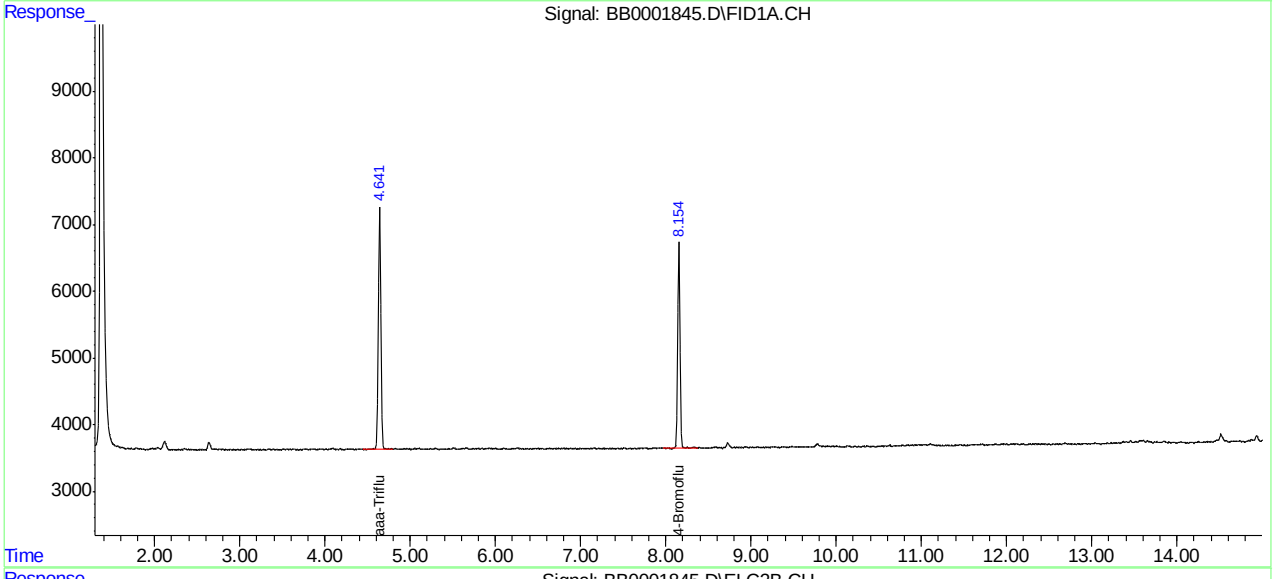
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

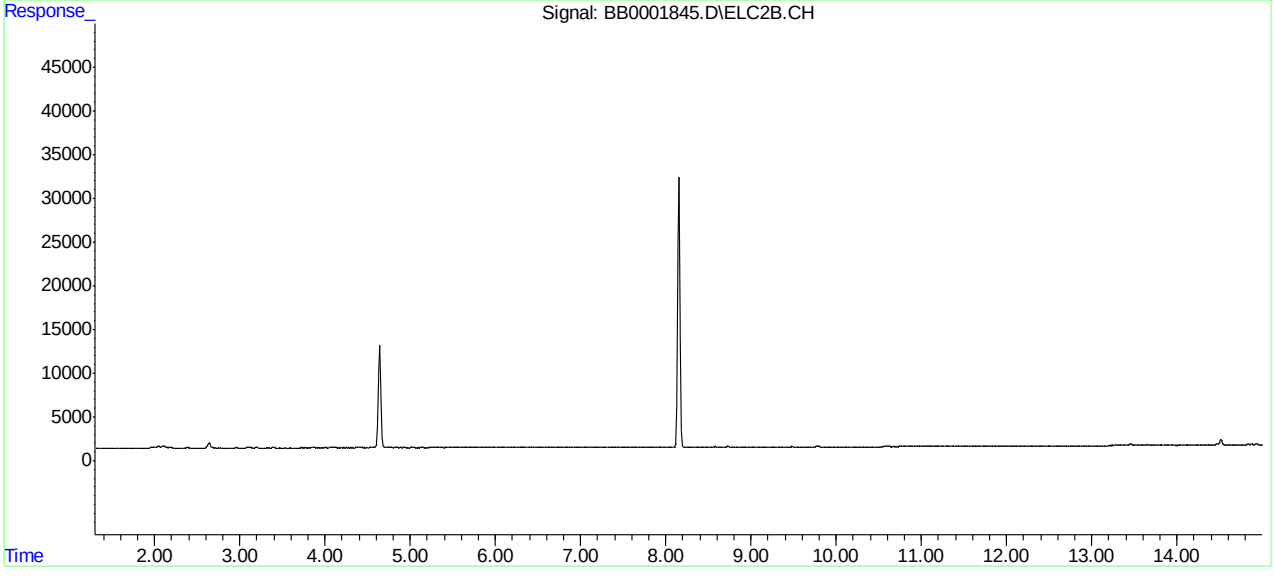
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001845.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:28:44
Operator : anthonyt
Sample : t59309-1
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:13 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001852.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 15:38:42
Operator : anthonyt
Sample : t59309-2
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:55 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.638	0.000	74972	0	19.992	N.D.	#
3) S 4-Bromofl...	8.154	0.000	58046	0	18.520	N.D.	#
Target Compounds							

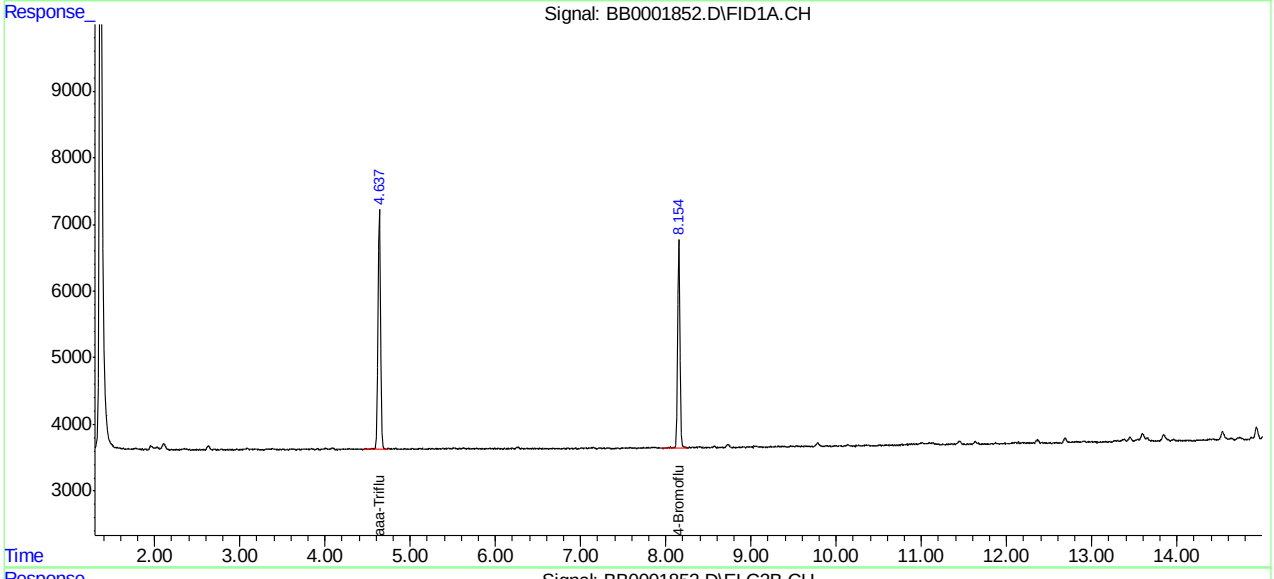
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

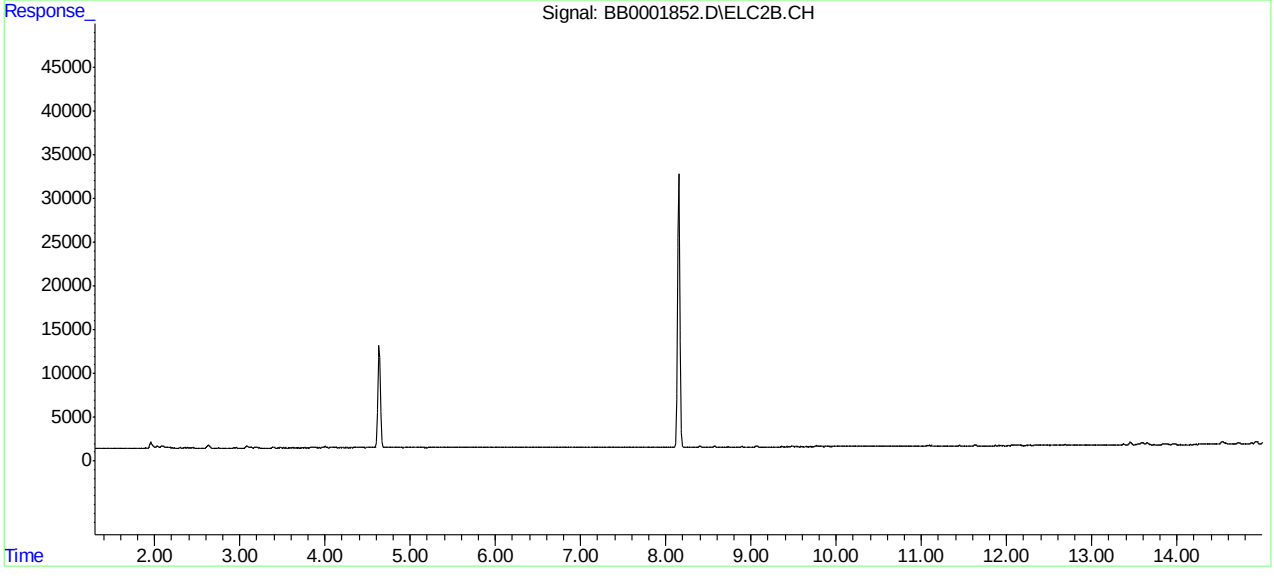
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001852.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 15:38:42
Operator : anthonyt
Sample : t59309-2
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 15 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:55 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001858.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 17:57:25
Operator : anthonyt
Sample : t59309-3,50x
Misc : gc3330,GBB109,5.21,,100,5,,soil
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:33:07 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.640	0.000	74294	0	19.811	N.D.	#
3) S 4-Bromofl...	8.155	0.000	57466	0	18.335	N.D.	#
Target Compounds							

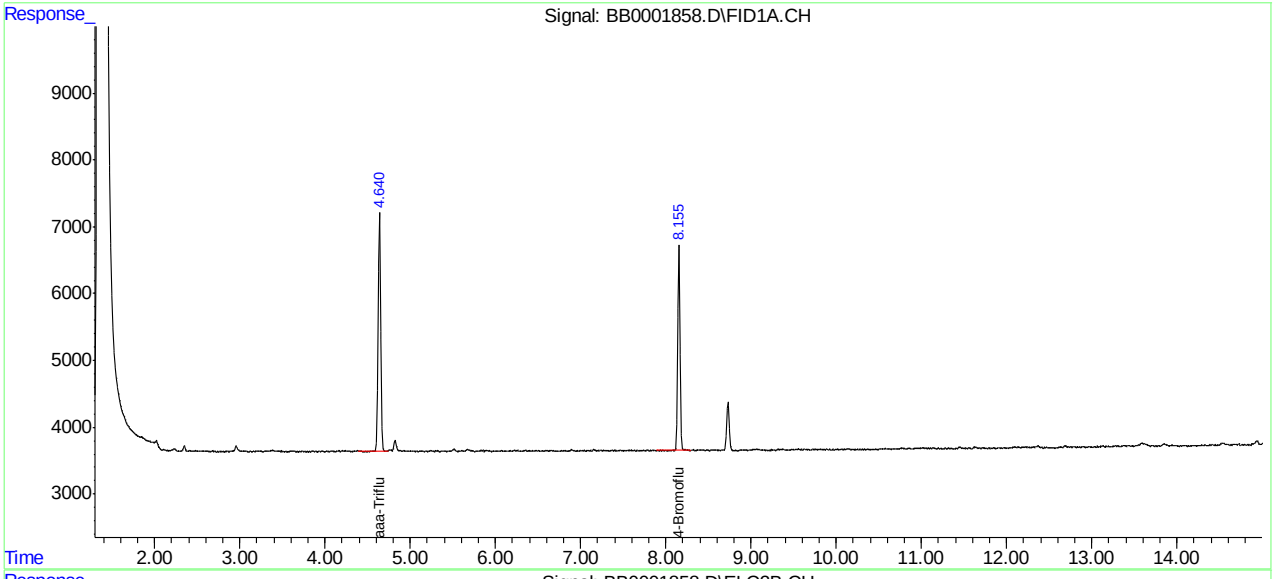
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

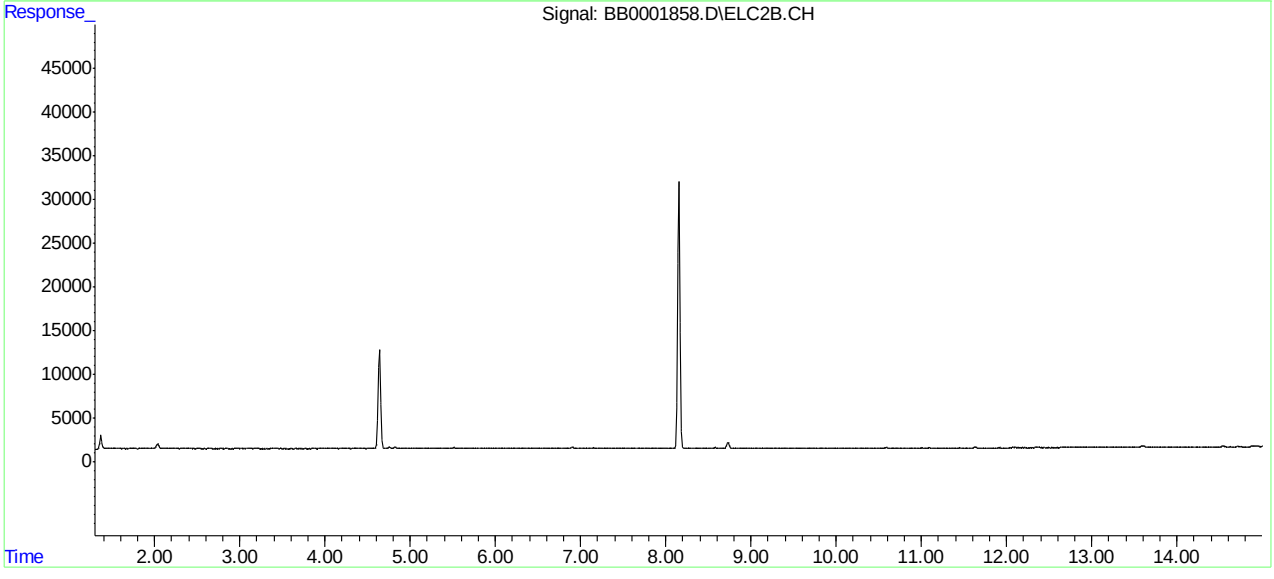
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001858.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 17:57:25
Operator : anthonyt
Sample : t59309-3,50x
Misc : gc3330,GBB109,5.21,,100,5,,soil
ALS Vial : 21 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:33:07 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001859.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 18:20:36
Operator : anthonyt
Sample : t59309-4,50x
Misc : gc3330,GBB109,5.27,,100,5,,soil
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:33:39 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.642	0.000	75407	0	20.108	N.D.	#
3) S 4-Bromofl...	8.156	0.000	58211	0	18.573	N.D.	#
Target Compounds							

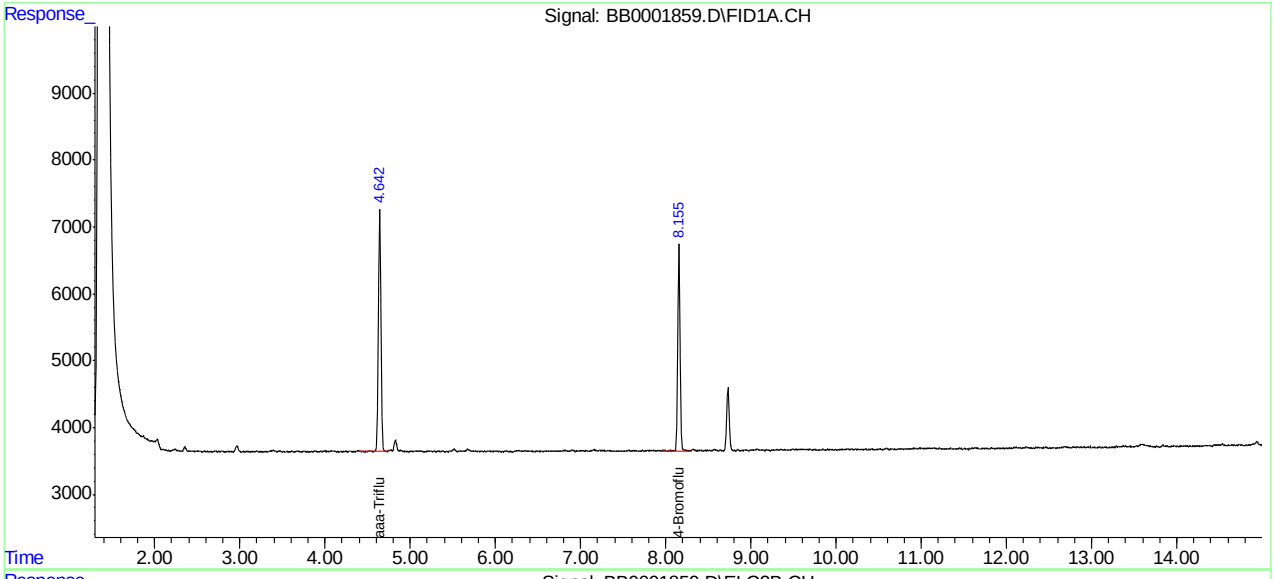
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

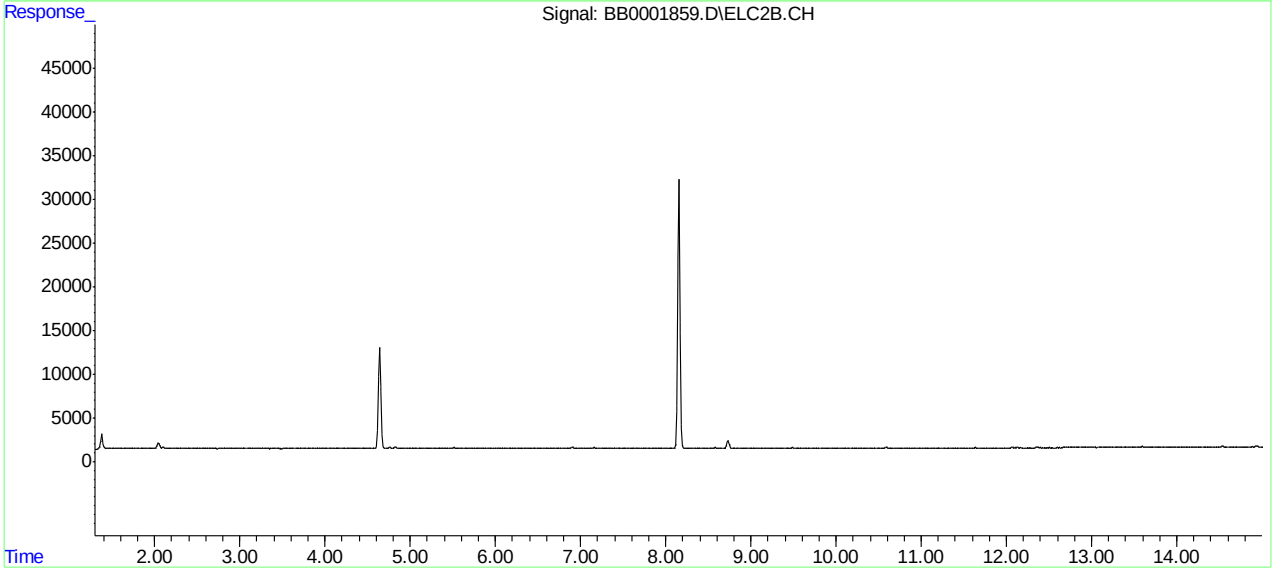
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001859.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 18:20:36
Operator : anthonyt
Sample : t59309-4,50x
Misc : gc3330,GBB109,5.27,,100,5,,soil
ALS Vial : 22 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:33:39 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001844.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:05:32
Operator : anthonyt
Sample : mb,50x
Misc : gc3330,GBB109,5,,100,5,,soil
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 12:25:12 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.640	0.000	74567	0	19.884	N.D.	#
3) S 4-Bromofl...	8.154	0.000	58358	0	18.620	N.D.	#
Target Compounds							

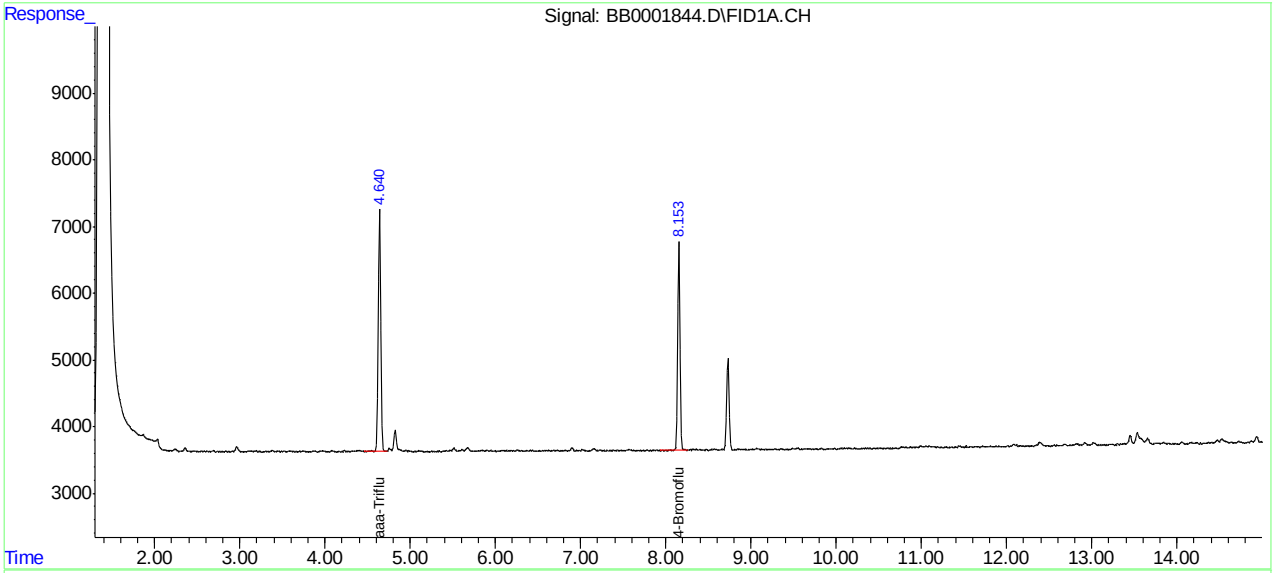
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

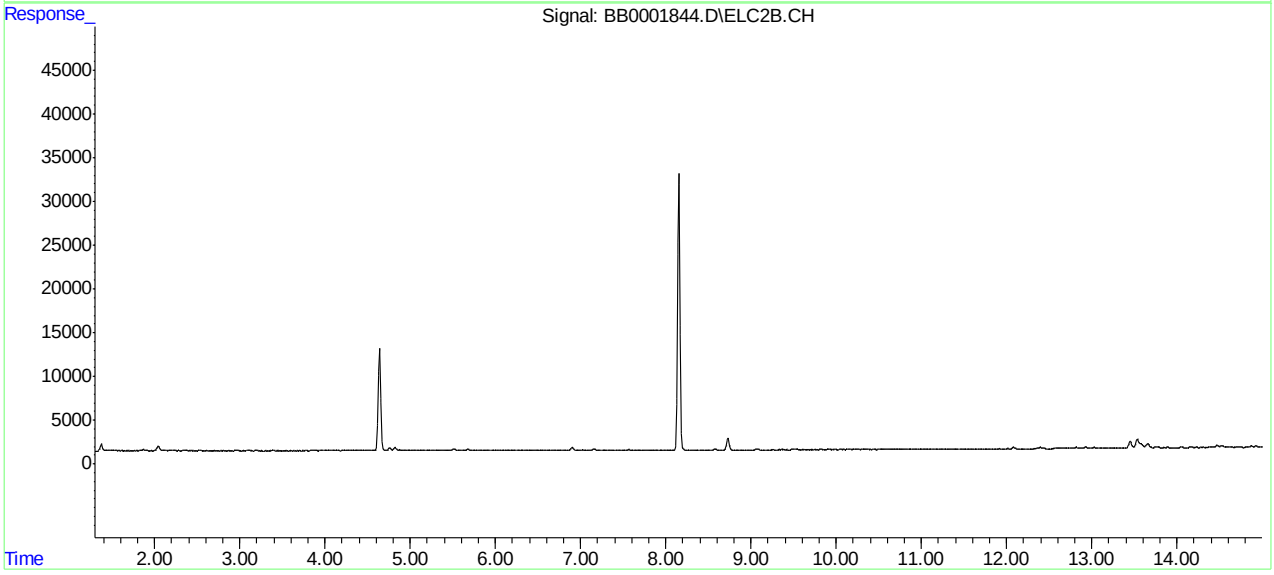
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001844.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:05:32
Operator : anthonyt
Sample : mb,50x
Misc : gc3330,GBB109,5,,100,5,,soil
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 12:25:12 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001844.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:05:32
Operator : anthonyt
Sample : mb,50x
Misc : gc3330,GBB109,5,,100,5,,soil
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 12:25:12 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds							
1) S aaa-Trifl...	4.640	0.000	74567	0	19.884	N.D.	#
3) S 4-Bromofl...	8.154	0.000	58358	0	18.620	N.D.	#
Target Compounds							

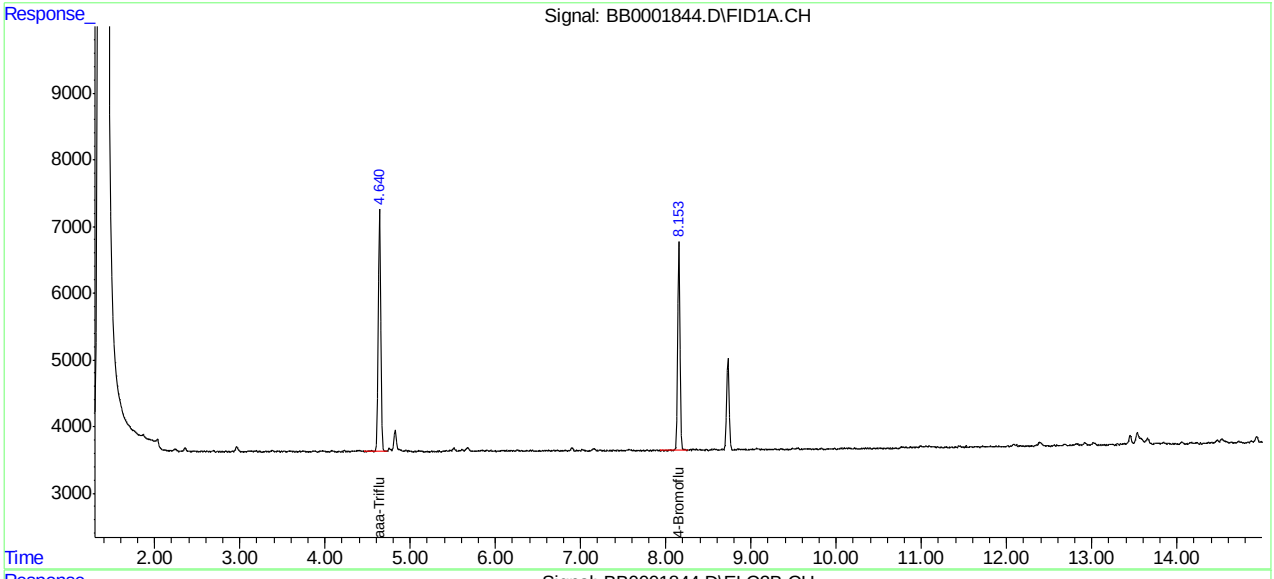
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

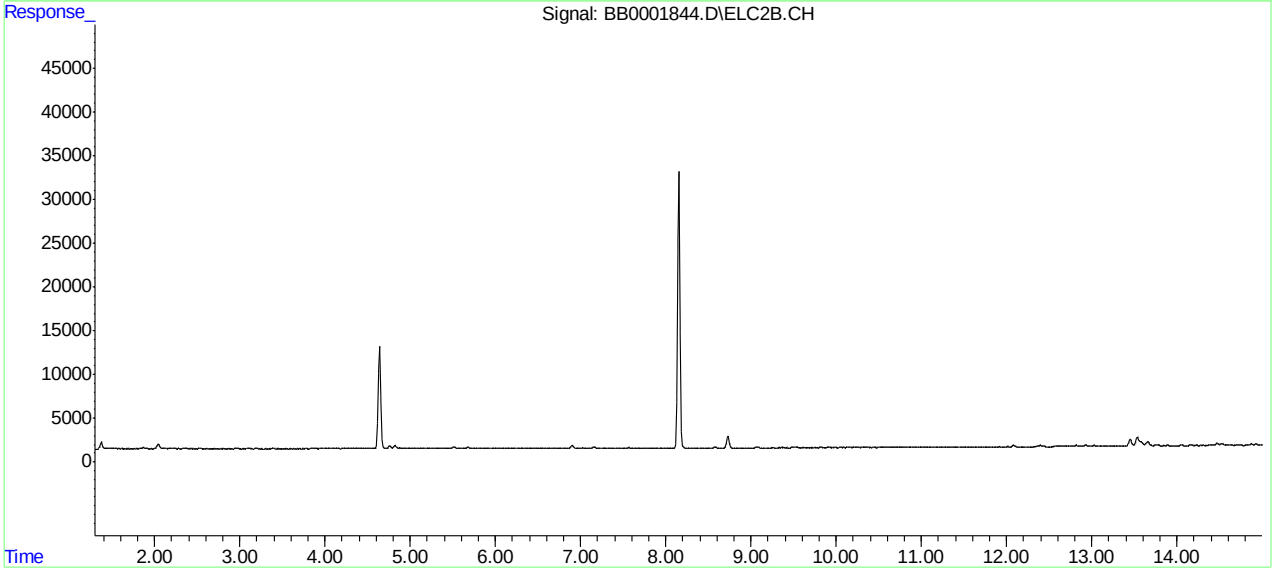
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001844.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 12:05:32
Operator : anthonyt
Sample : mb,50x
Misc : gc3330,GBB109,5,,100,5,,soil
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 12:25:12 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:25:19 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.640	3.959	79236	141376	21.129m	48.645	#
3) S	4-Bromofl...	8.154	0.000	58885	0	18.788m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1025833	3887109	324.032	271.048	

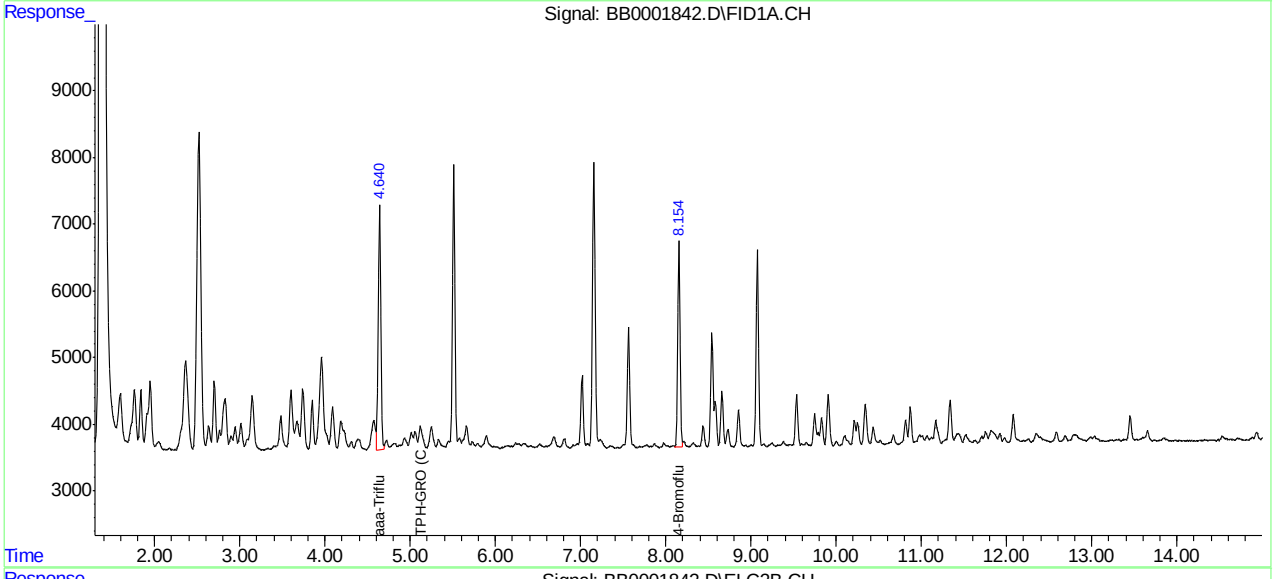
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

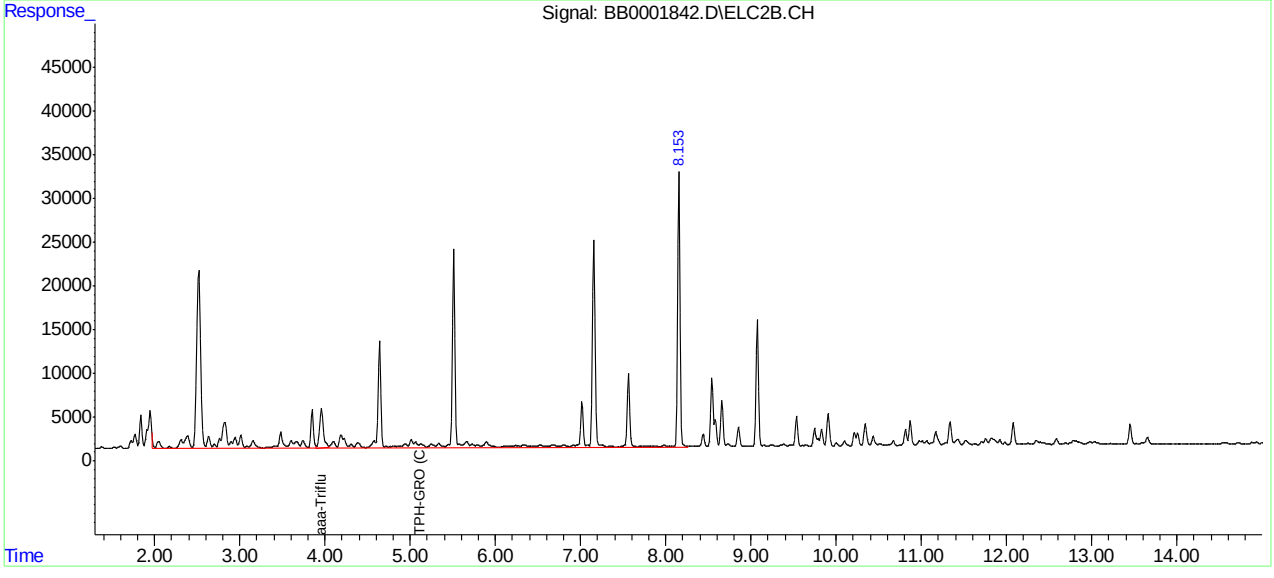
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:25:19 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



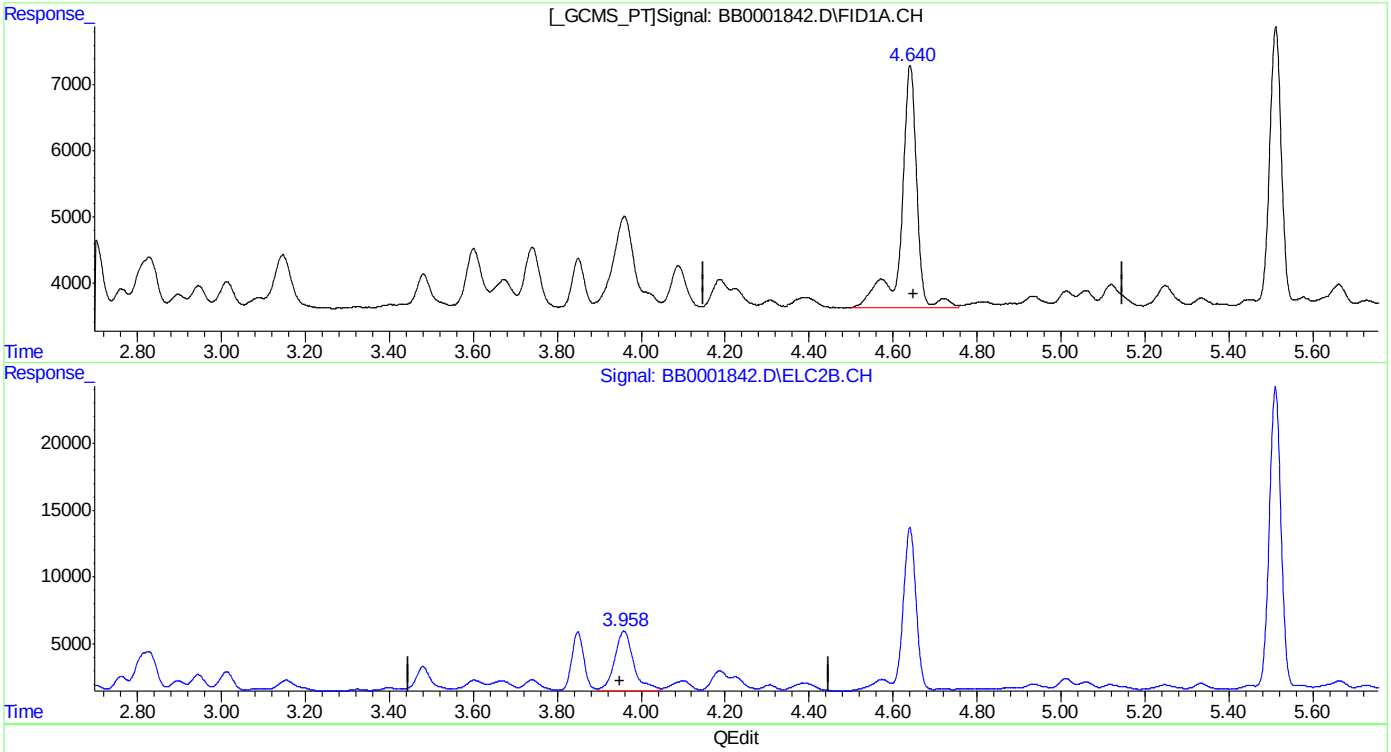


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.641min 25.601 ug/L
response 96006

(1) aaa-Trifluorotoluene #2 (S)
3.959min 48.645 ug/L
response 141376

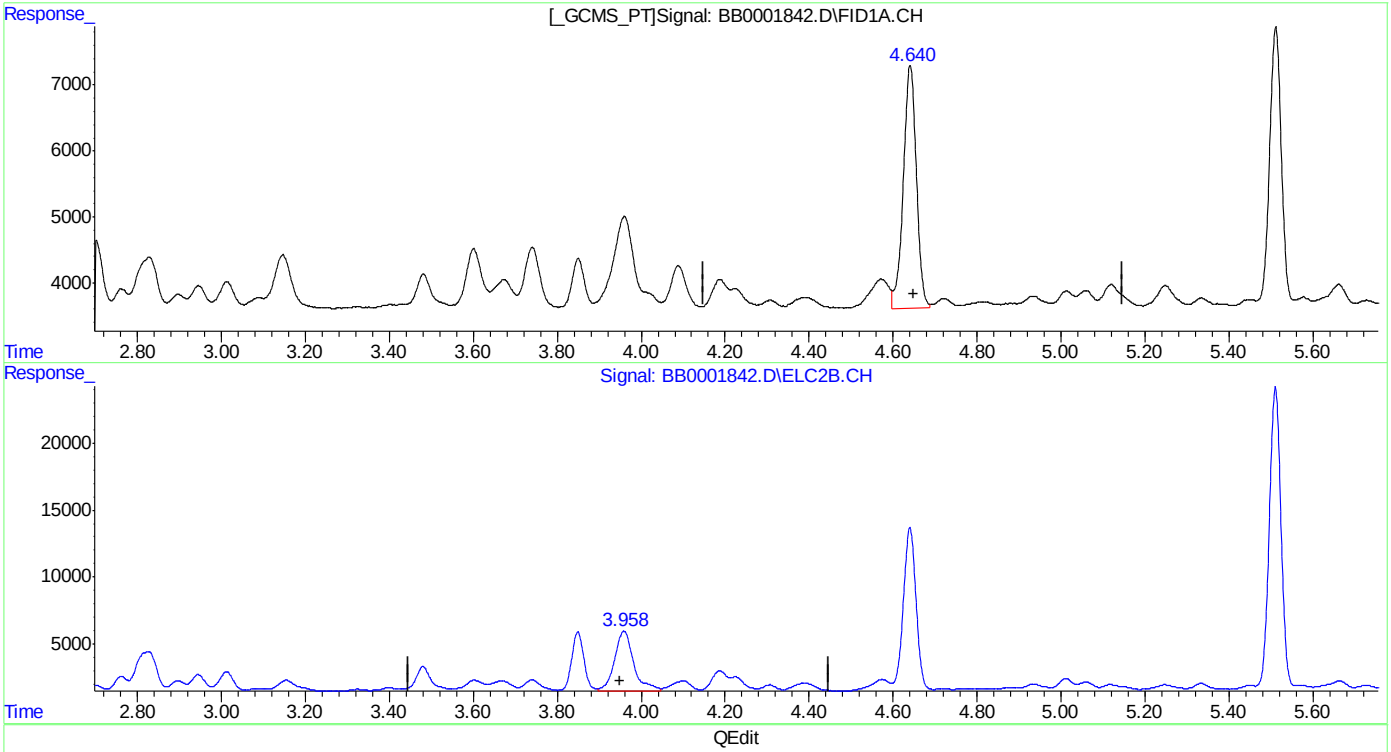
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:23:48 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 21.129 ug/L m
response 79236

(1) aaa-Trifluorotoluene #2 (S)
3.959min 48.645 ug/L
response 141376

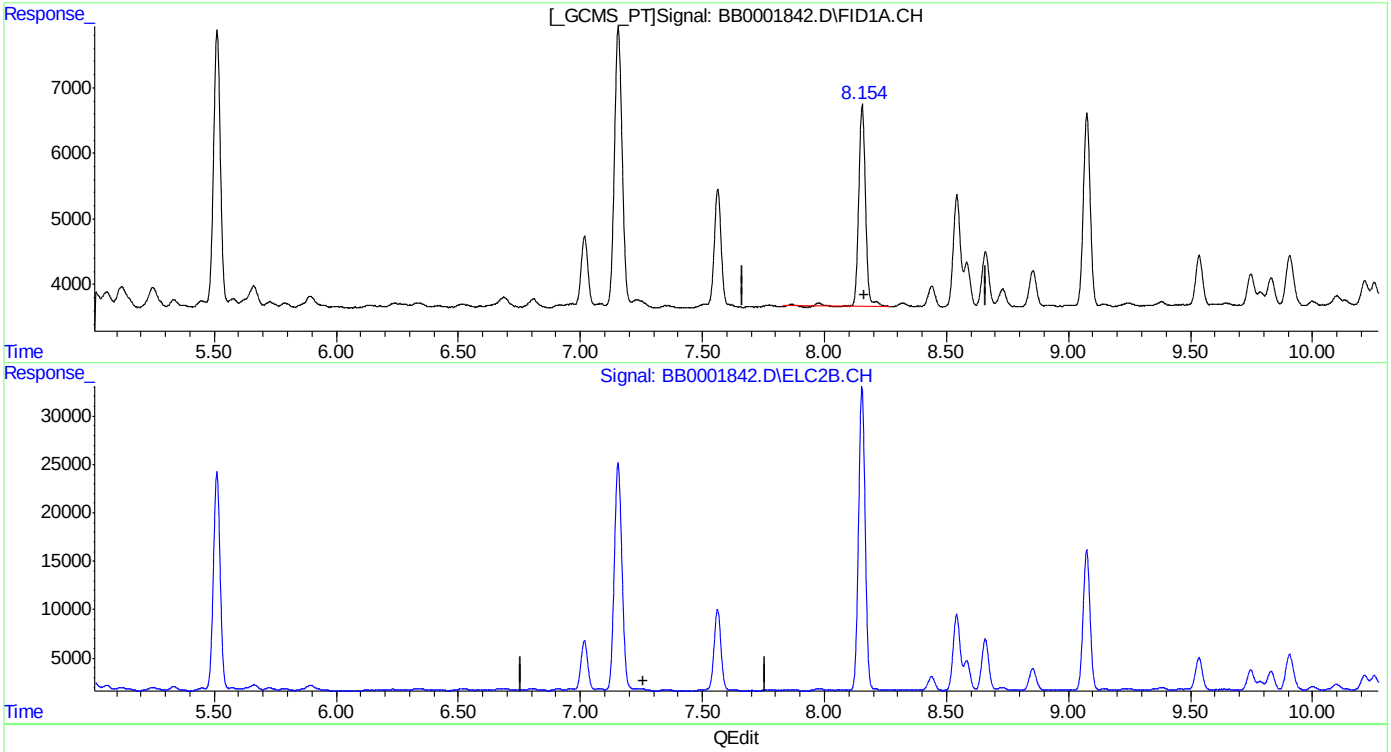
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:23:55 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 19.459 ug/L
response 60989

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:02 2010

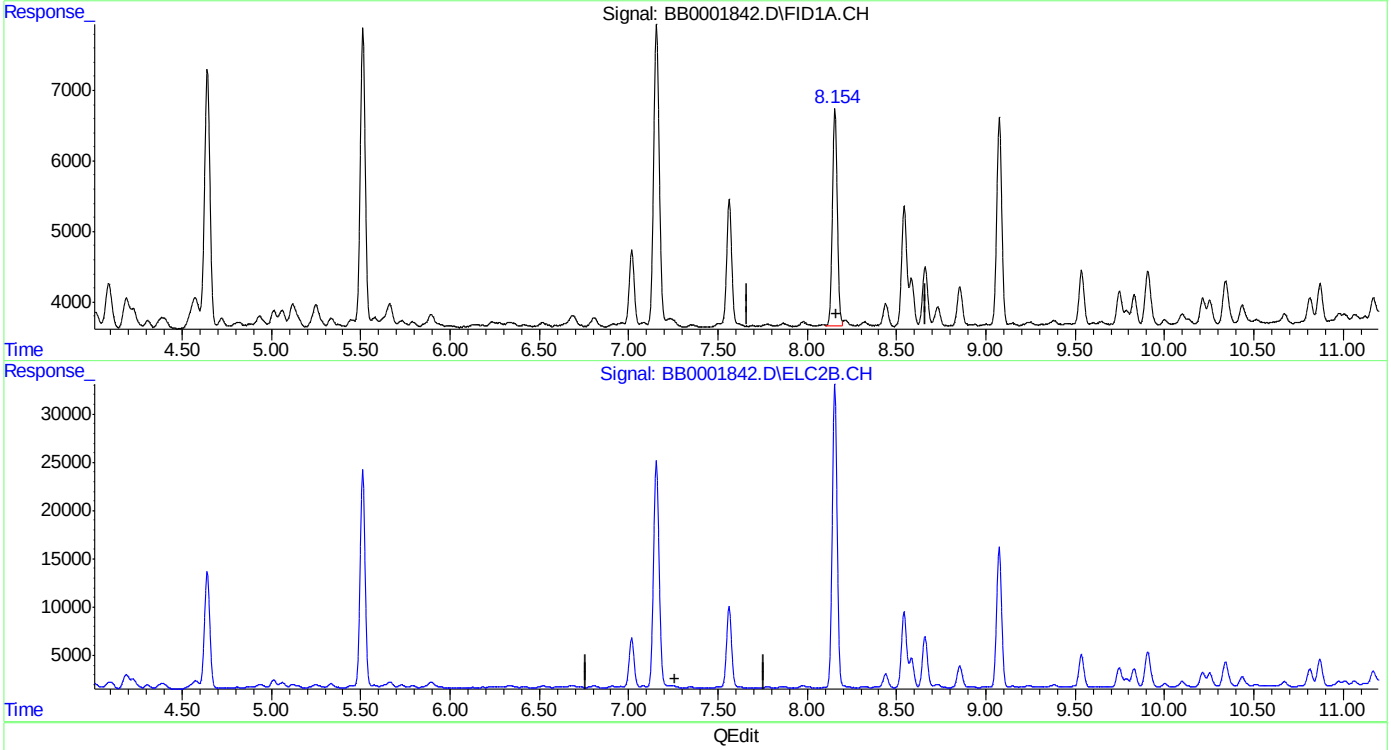
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.154min 18.788 ug/L m
response 58885

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

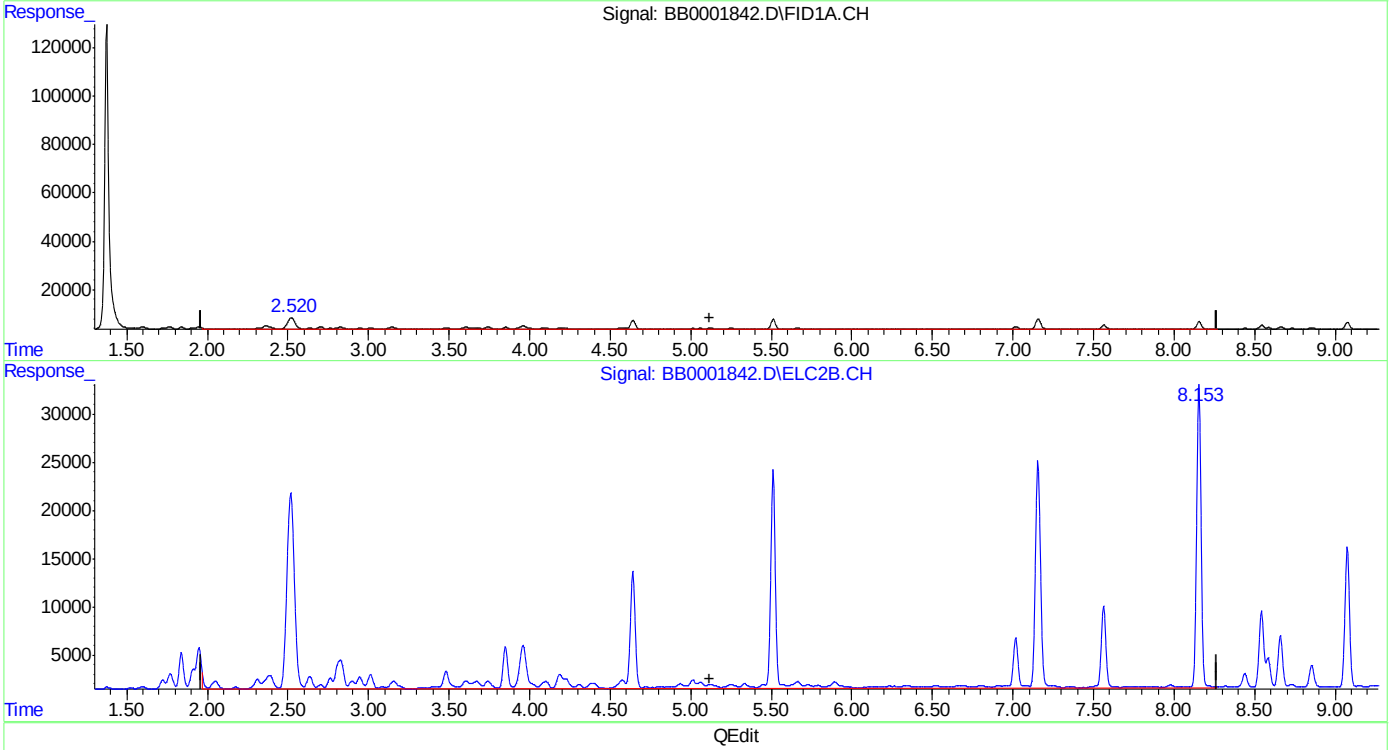
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:17 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 292.411 ug/L m
response 925725

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 271.048 ug/L m
response 3887109

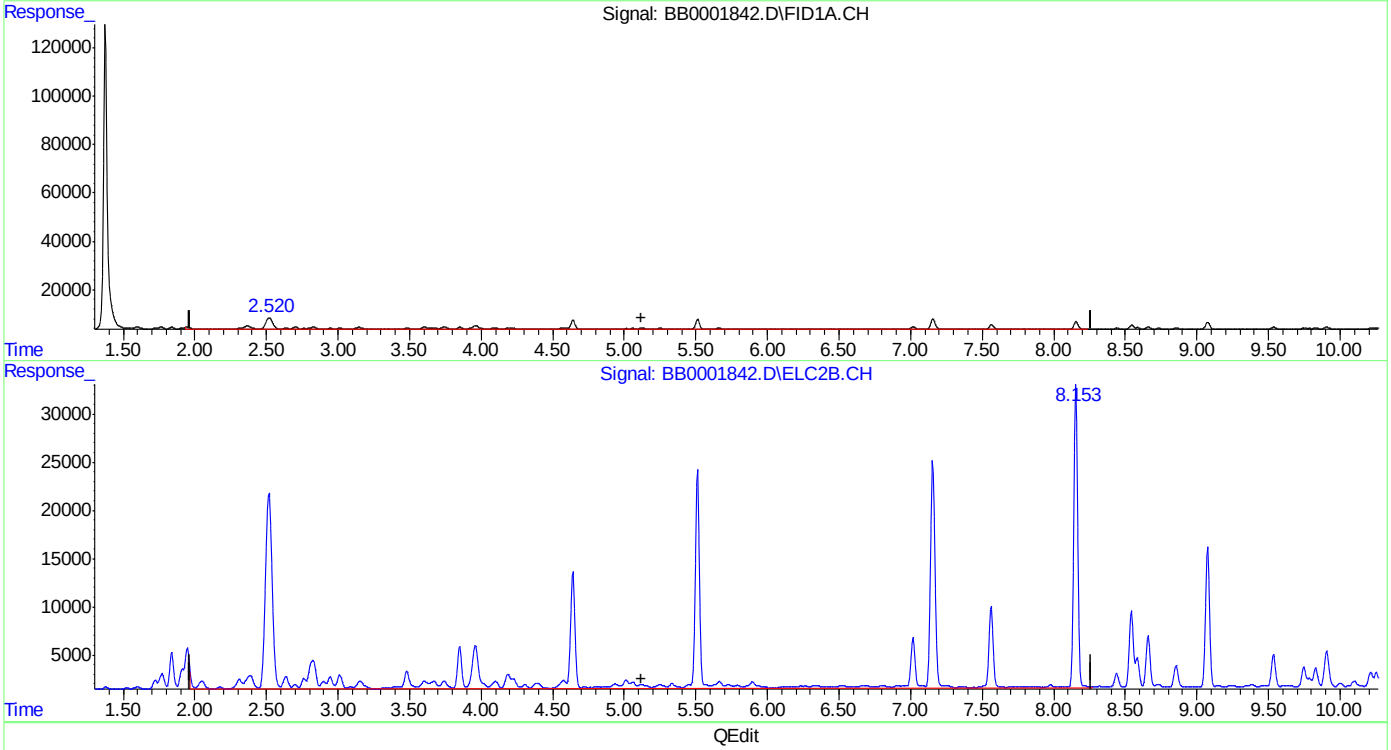
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:20 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 324.032 ug/L m
response 1025833

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 271.048 ug/L m
response 3887109

(+) = Expected Retention Time
BB78.m Tue Sep 07 11:25:33 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:25:19 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.640	3.959	79236	141376	21.129m	48.645	#
3) S	4-Bromofl...	8.154	0.000	58885	0	18.788m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1025833	3887109	324.032	271.048	

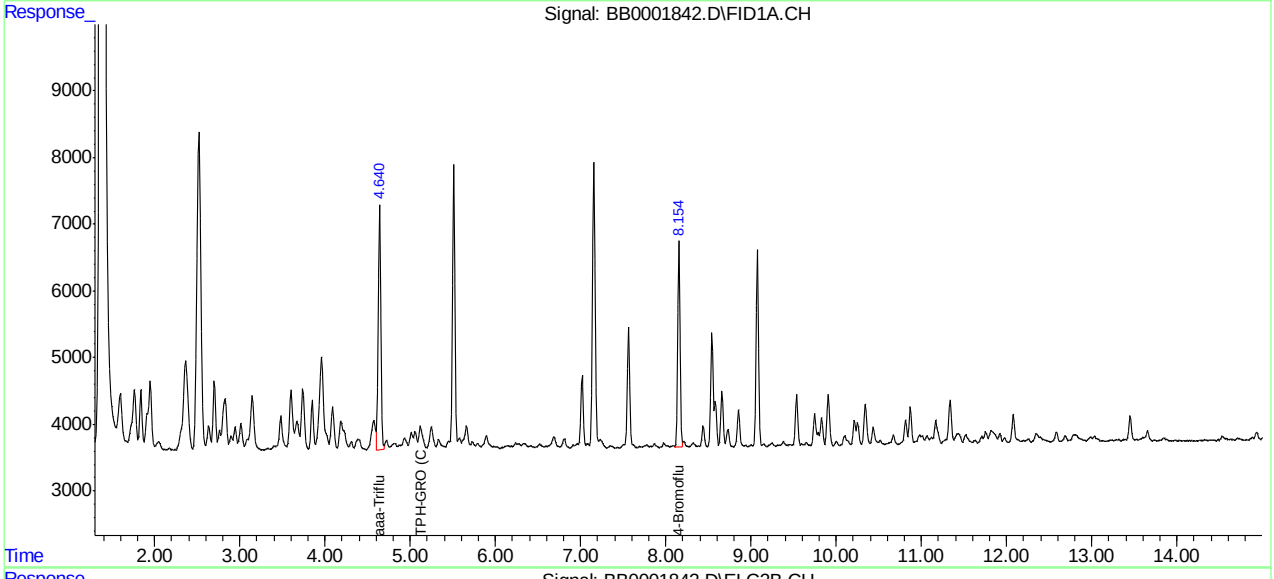
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

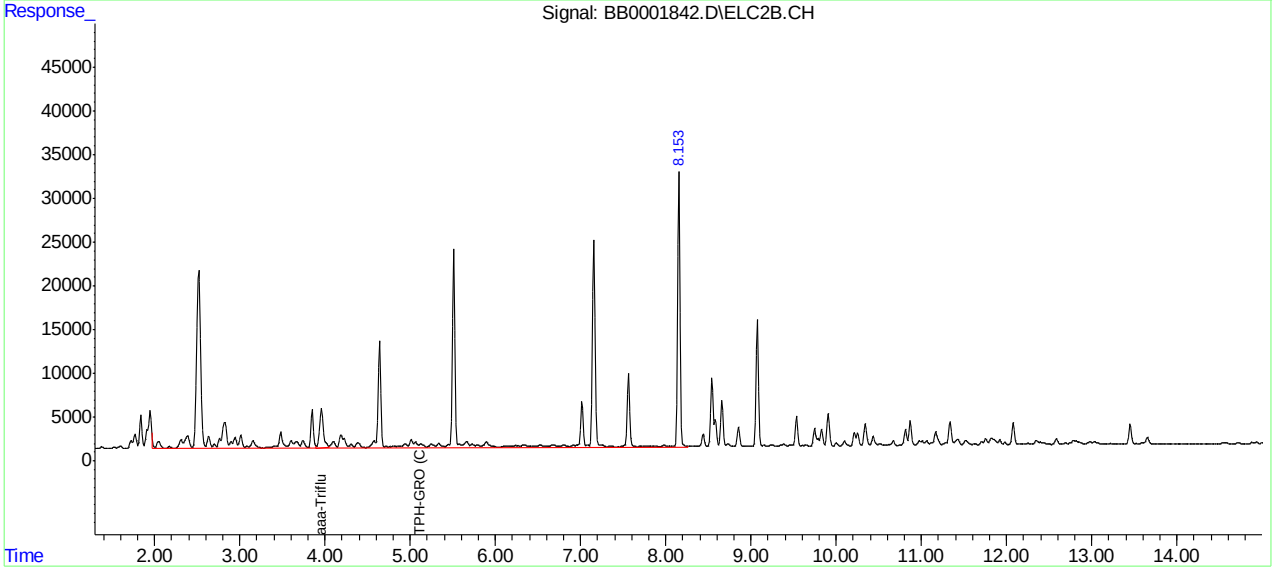
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:25:19 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





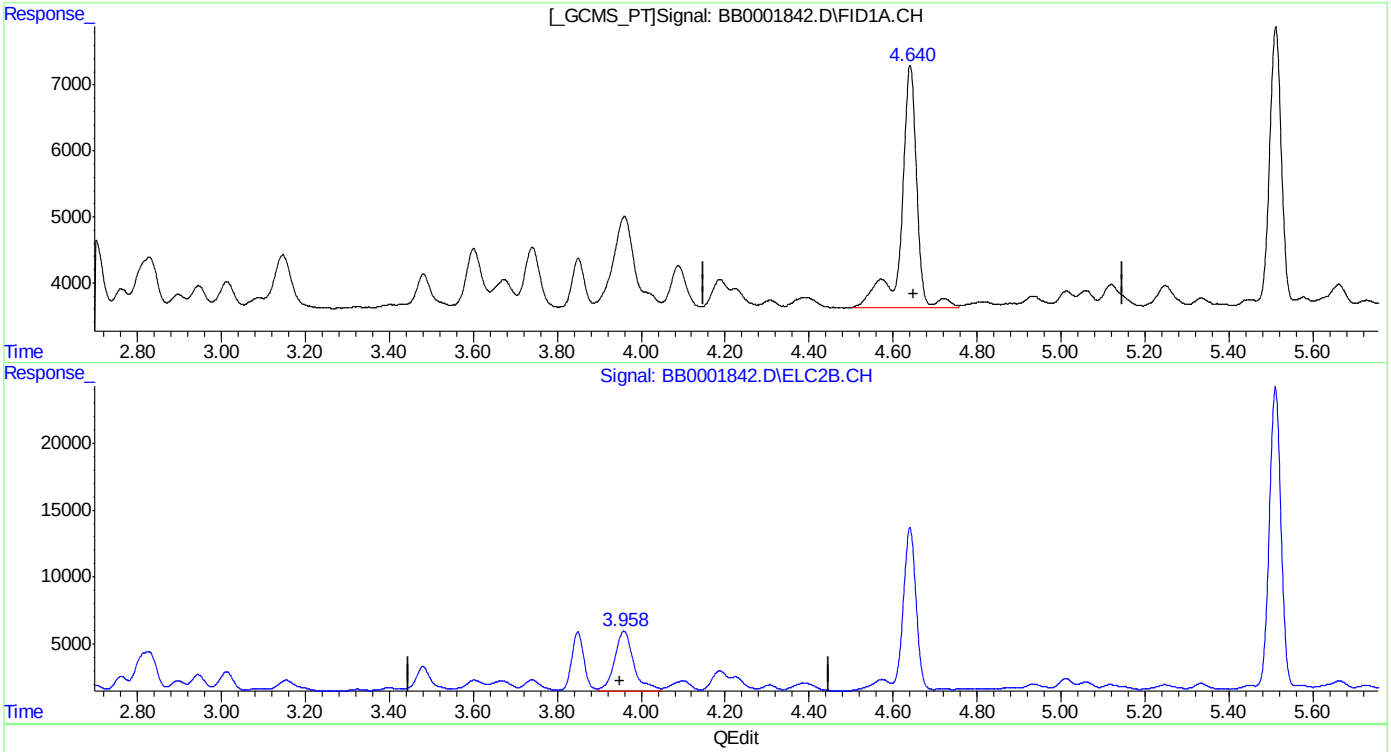
BB78.m Wed Sep 08 10:27:40 2010 Page: 2

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.641min 25.601 ug/L
response 96006

(1) aaa-Trifluorotoluene #2 (S)
3.959min 48.645 ug/L
response 141376

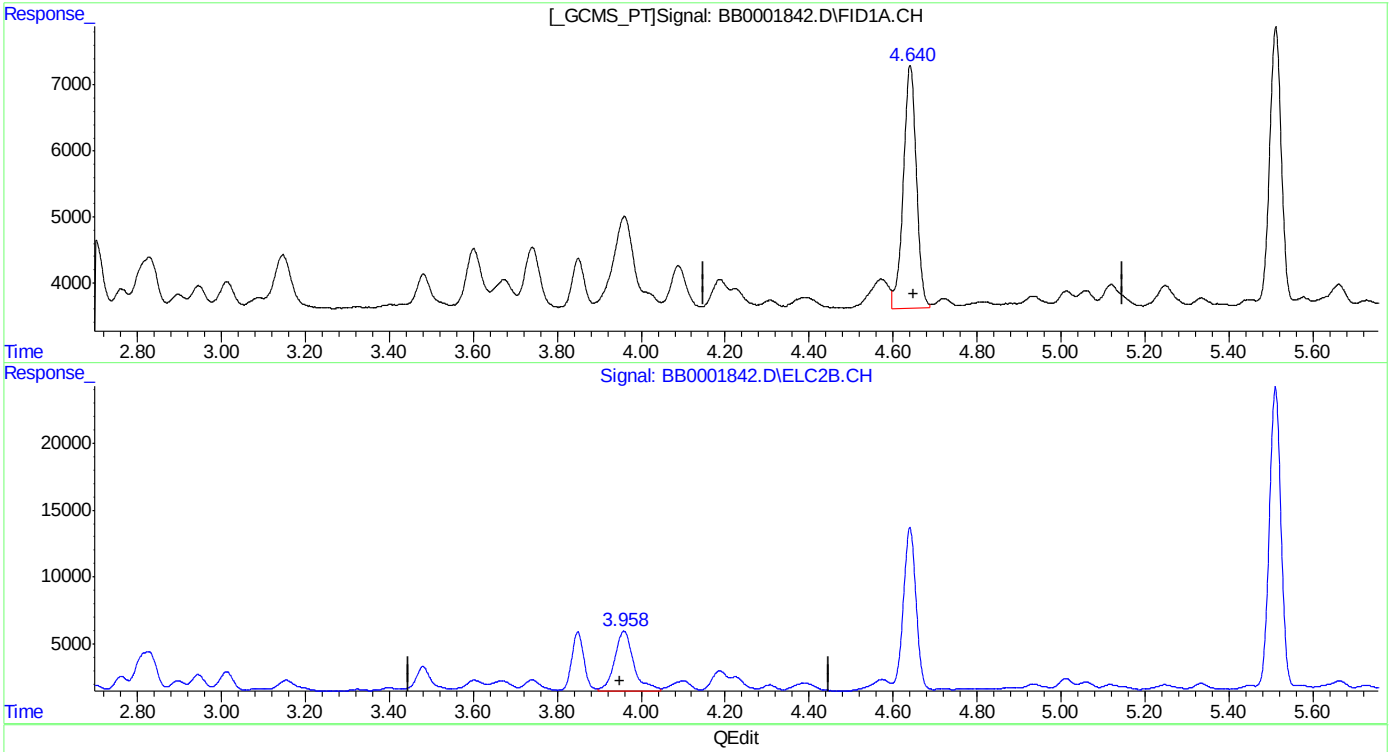
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:23:48 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.640min 21.129 ug/L m
response 79236

(1) aaa-Trifluorotoluene #2 (S)
3.959min 48.645 ug/L
response 141376

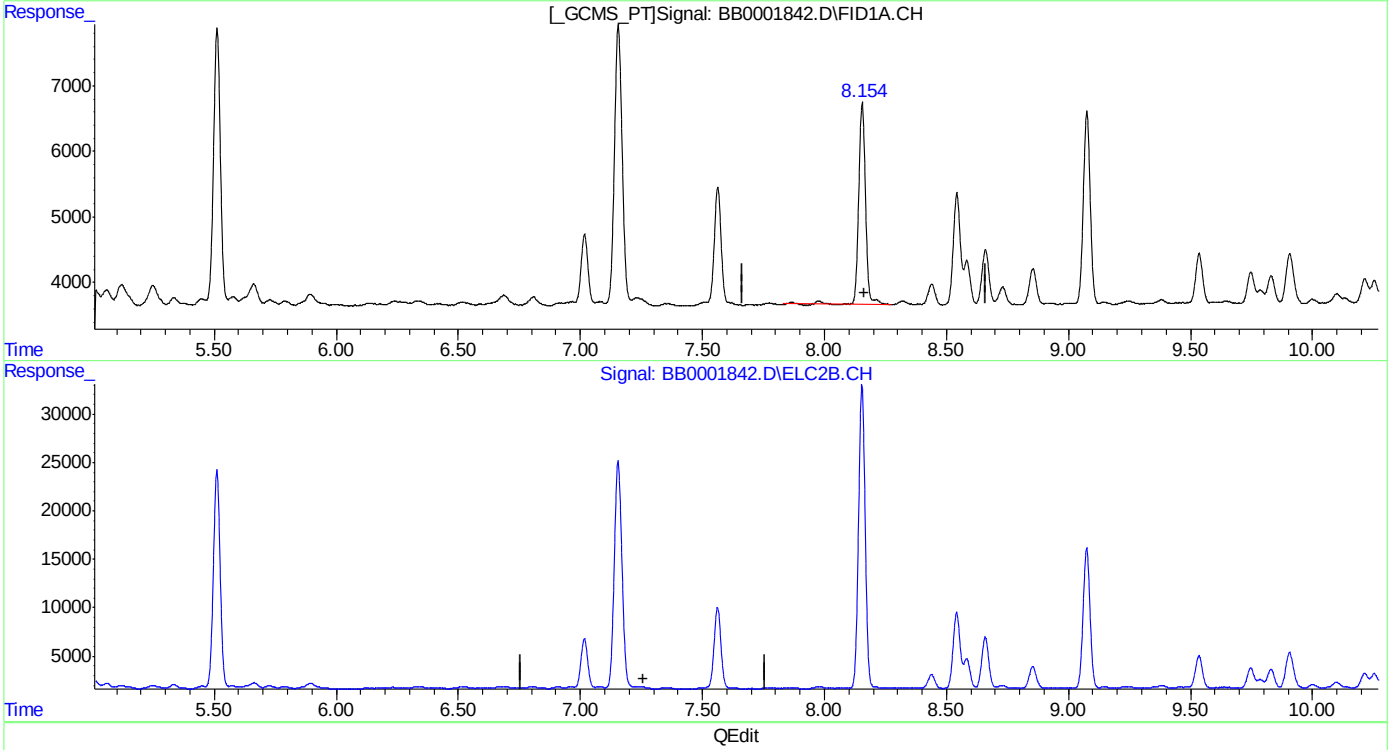
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:23:55 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 19.459 ug/L
response 60989

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

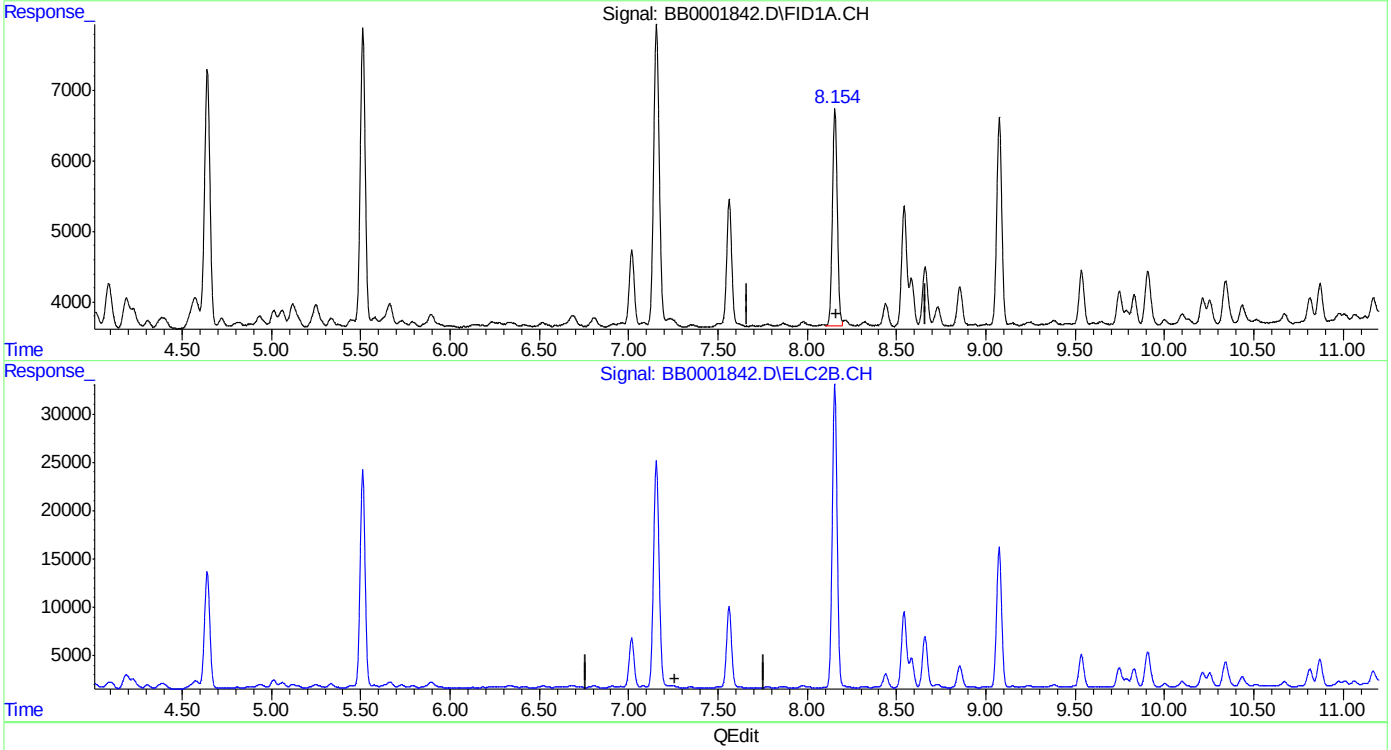
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:02 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.154min 18.788 ug/L m
response 58885

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

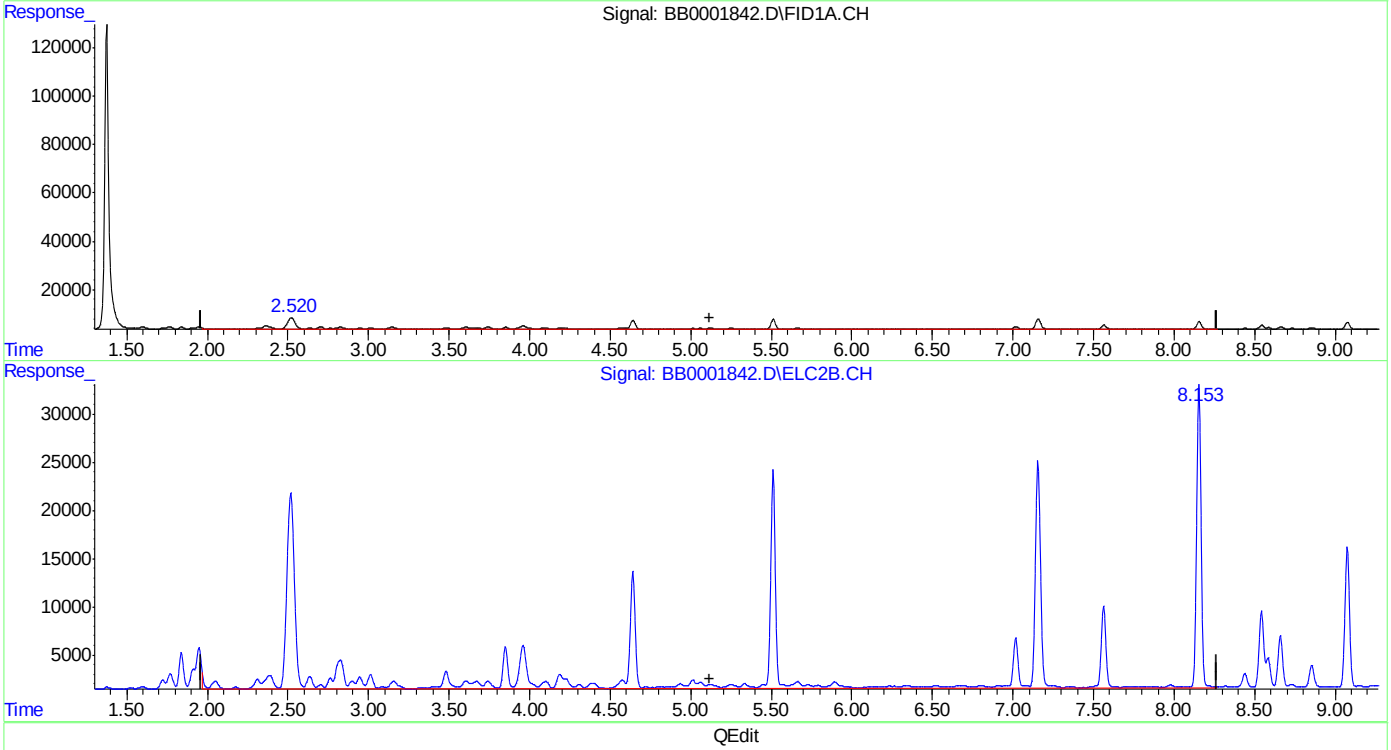
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:17 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 292.411 ug/L m
response 925725

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 271.048 ug/L m
response 3887109

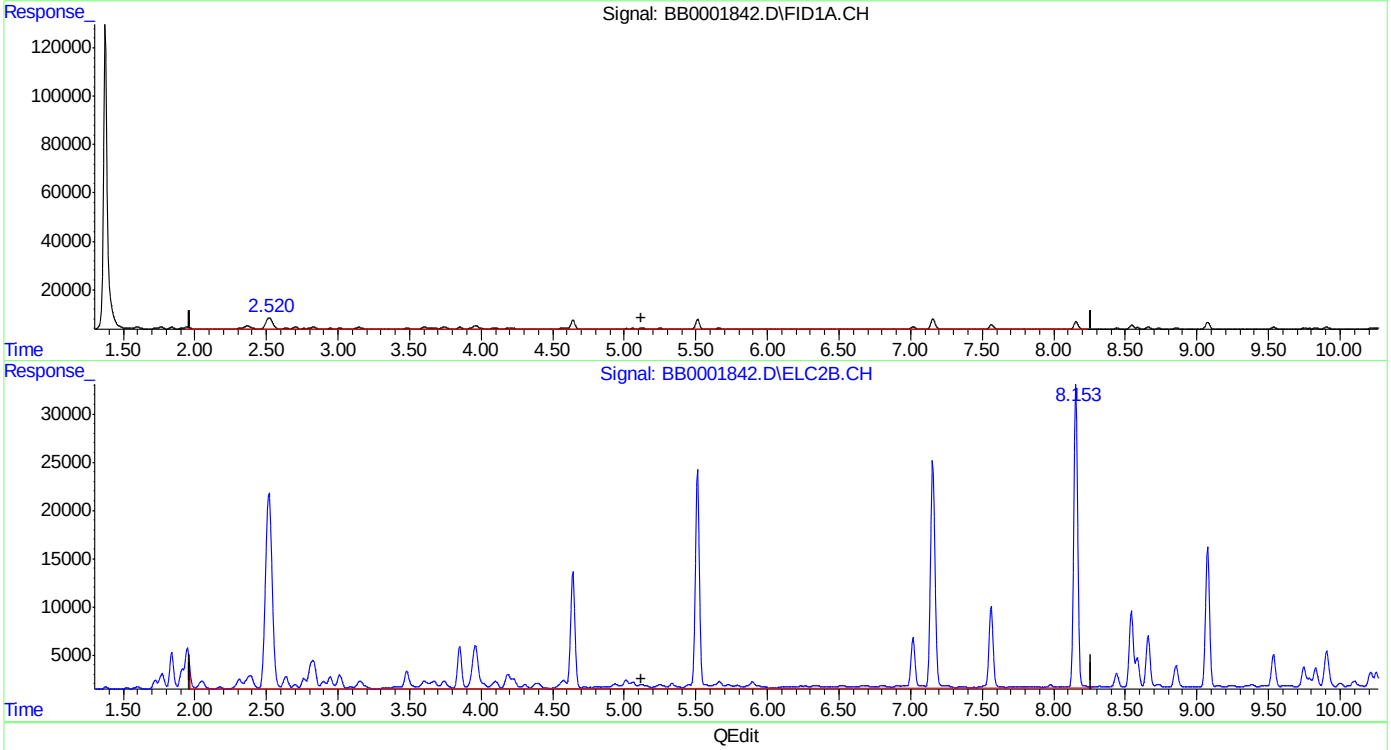
(+) = Expected Retention Time
BB78.m Tue Sep 07 11:24:20 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001842.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 11:05:30
Operator : anthonyt
Sample : bs
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 11:23:44 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 324.032 ug/L m
response 1025833

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 271.048 ug/L m
response 3887109

(+) = Expected Retention Time
BB78.m Tue Sep 07 11:25:33 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 13:44:54
Operator : anthonyt
Sample : t59309-1ms
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:59 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S aaa-Trifl...	4.640	3.960	82480	170427	21.994m	58.641 #
3) S 4-Bromofl...	8.154	0.000	60617	0	19.340m	N.D. #
Target Compounds						
2) H TPH-GRO (...	5.117	5.117	1370904	4520059	433.031	315.184

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

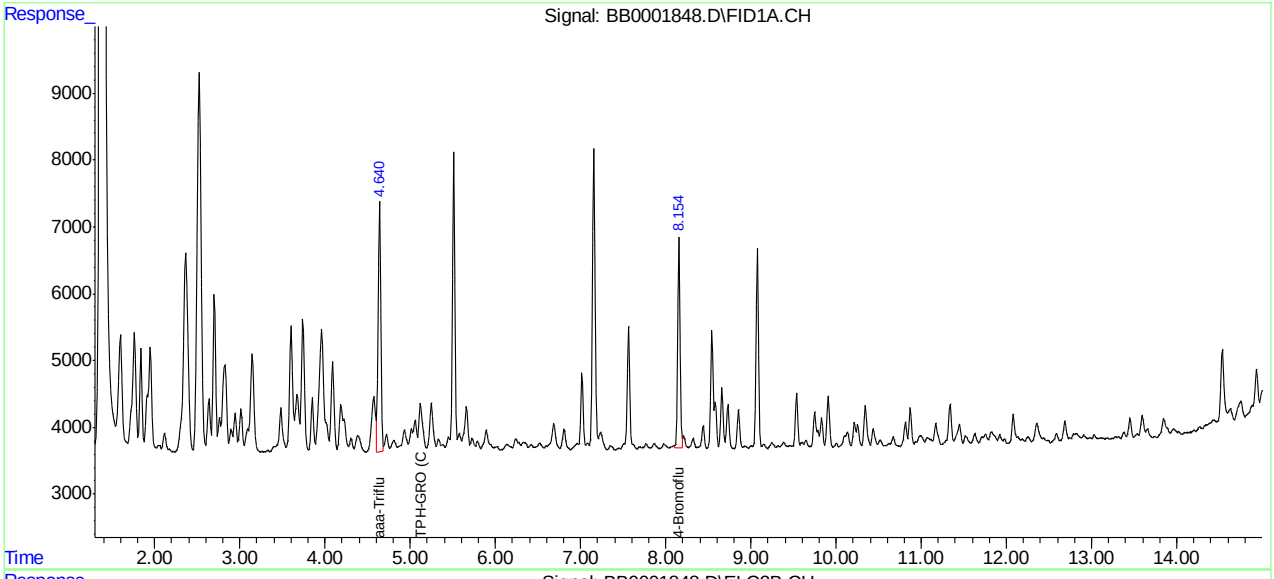
10.4.1
10

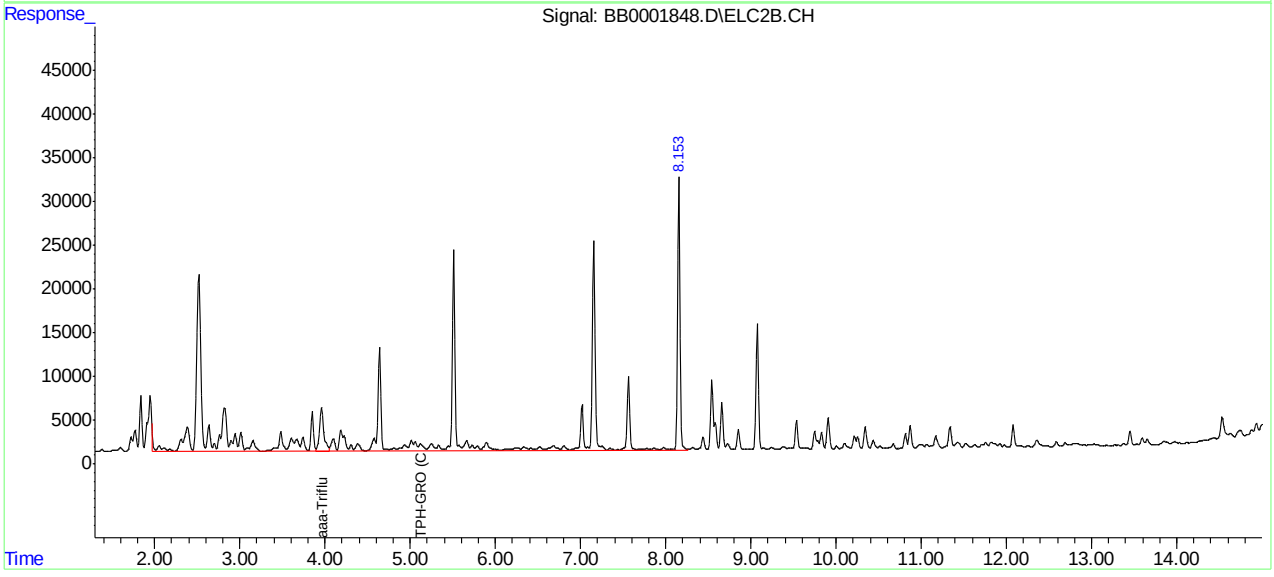
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 13:44:54
Operator : anthonyt
Sample : t59309-1ms
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:59 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



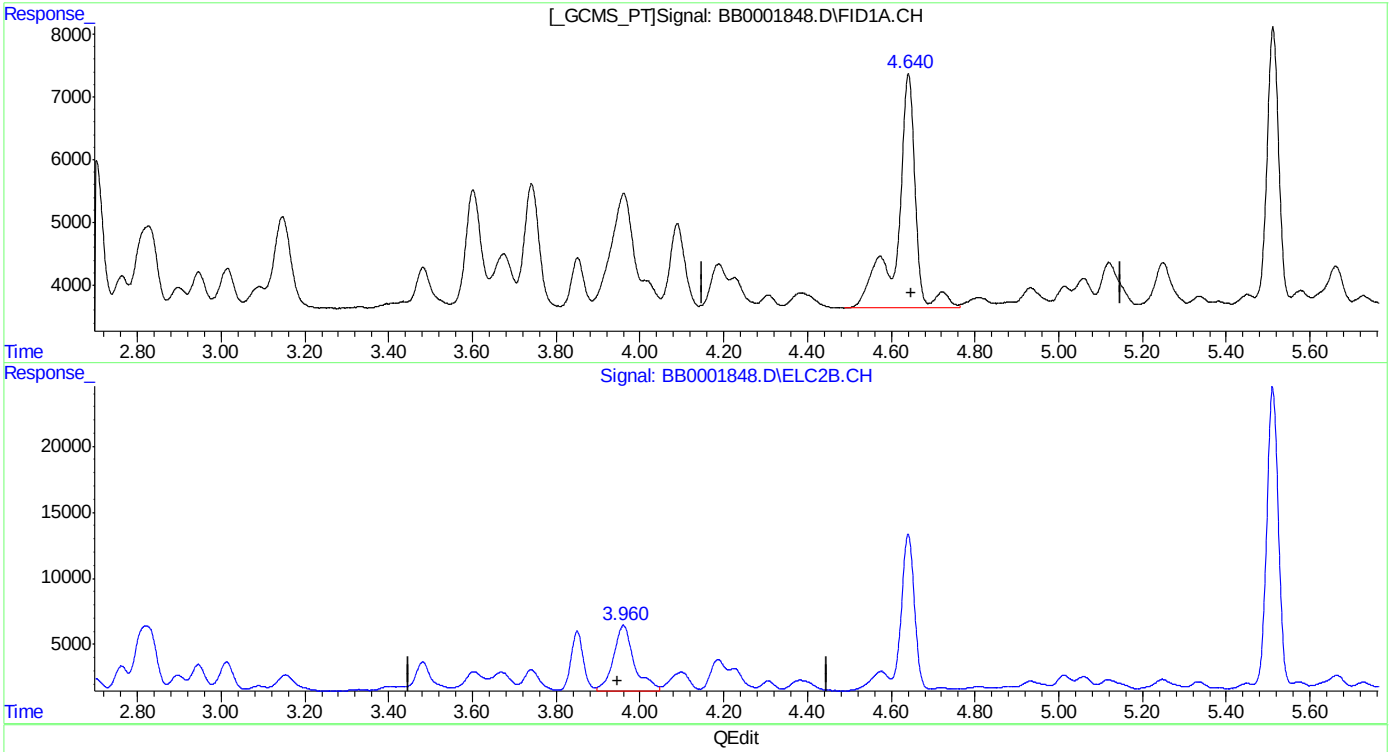


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 13:44:54
Operator : anthonyt
Sample : t59309-1ms
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:38 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 30.611 ug/L
response 114797

(1) aaa-Trifluorotoluene #2 (S)
3.960min 58.641 ug/L
response 170427

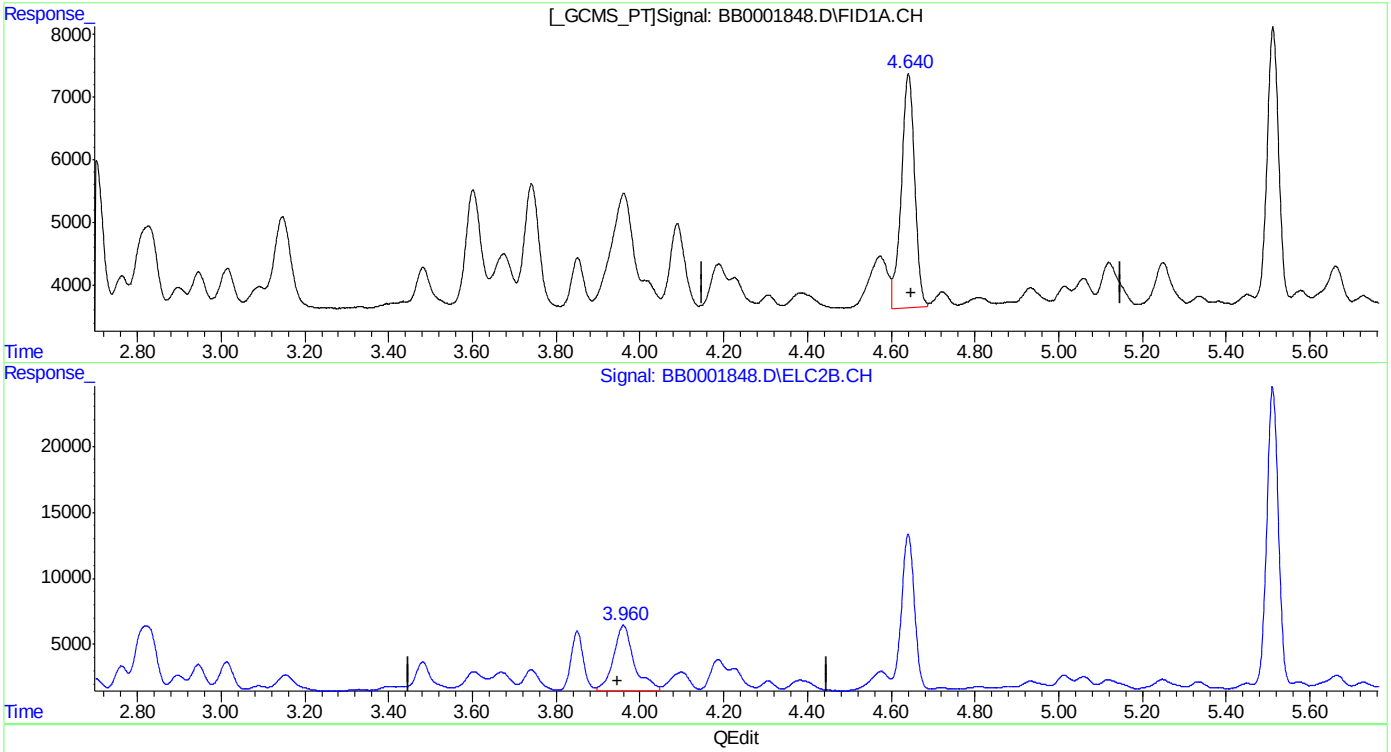
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:08:41 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 13:44:54
Operator : anthonyt
Sample : t59309-1ms
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:38 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 21.994 ug/L m
response 82480

(1) aaa-Trifluorotoluene #2 (S)
3.960min 58.641 ug/L
response 170427

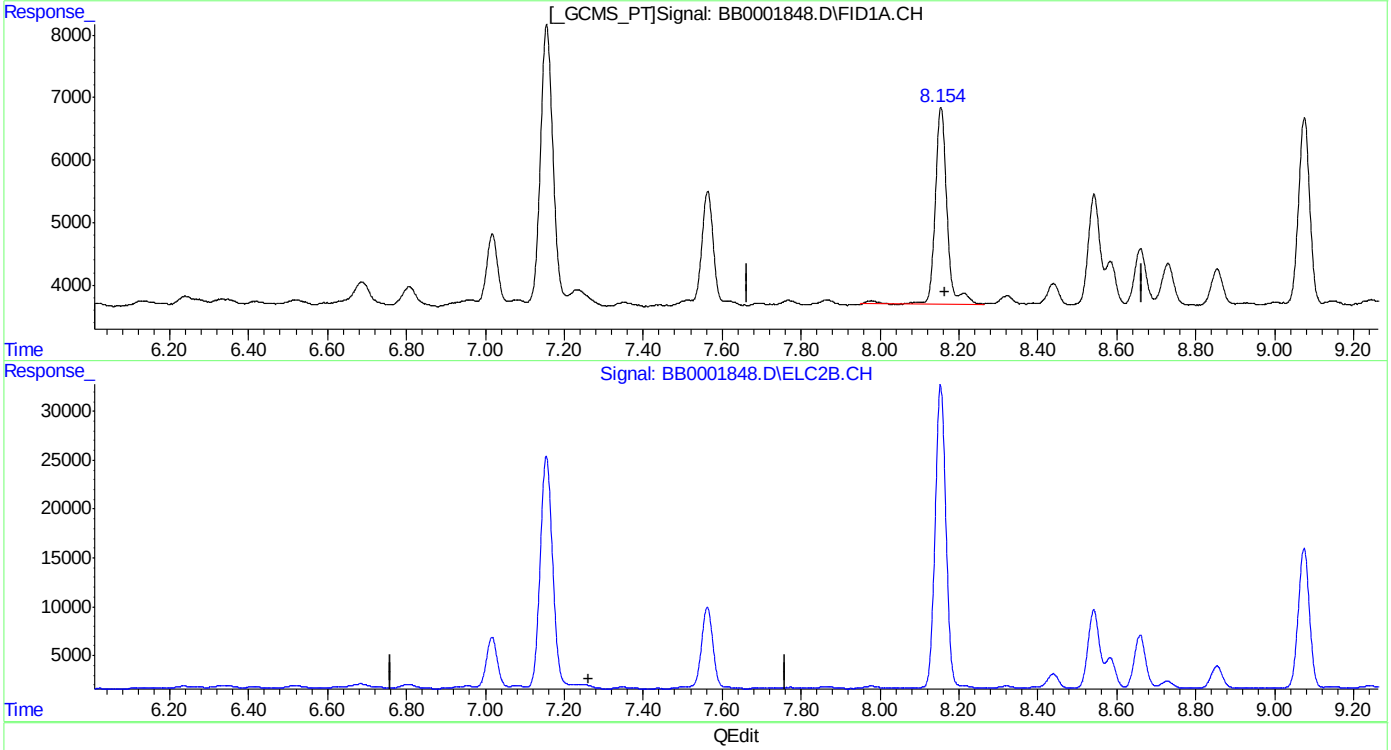
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:08:52 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH  Signal #2: ELC2B.CH
Acq On    : 07-Sep-10, 13:44:54
Operator  : anthonyt
Sample    : t59309-1ms
Misc      : gc3331,GBB108,5,,,5,,water
ALS Vial  : 11 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:38 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title  : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Small noise peaks clipped

Volume Inj.     :
Signal #1 Phase : Rxi-624Sil MS     Signal #2 Phase: Rxi-624Sil
Signal #1 Info  : 0.32 mm           Signal #2 Info : 0.32 mm
```



(3) 4-Bromofluorobenzene (S)

8.155min 20.720 ug/L

response 64942

(3) 4-Bromofluorobenzene #2 (S)

0.000min 0.000 ug/L

response 0

(+) = Expected Retention Time

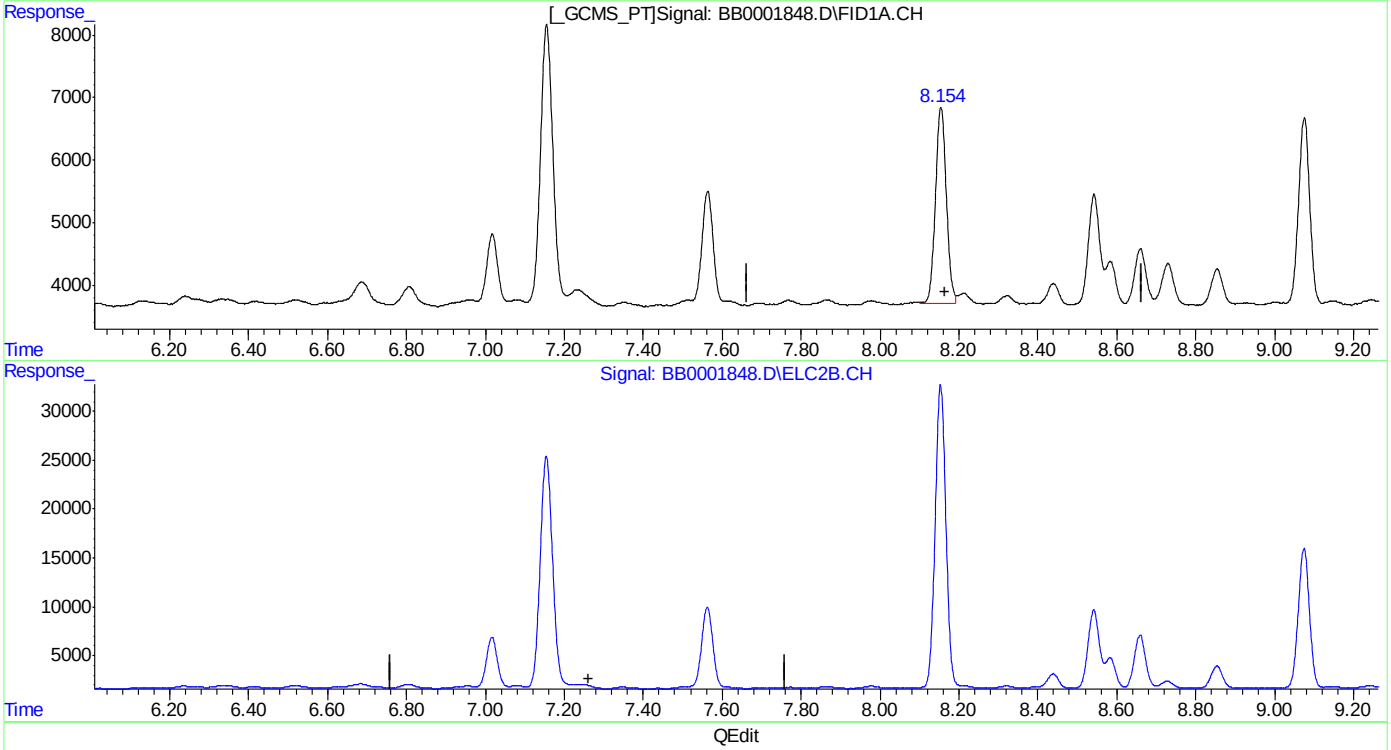
BB78.m Tue Sep 07 17:08:55 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001848.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 13:44:54
Operator : anthonyt
Sample : t59309-1ms
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:08:38 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.154min 19.340 ug/L m
response 60617

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:02 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:34 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.641	3.960	84467	177174	22.524m	60.963	#
3) S	4-Bromofl...	8.155	0.000	61219	0	19.532m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1416694	4553040	447.494	317.484	

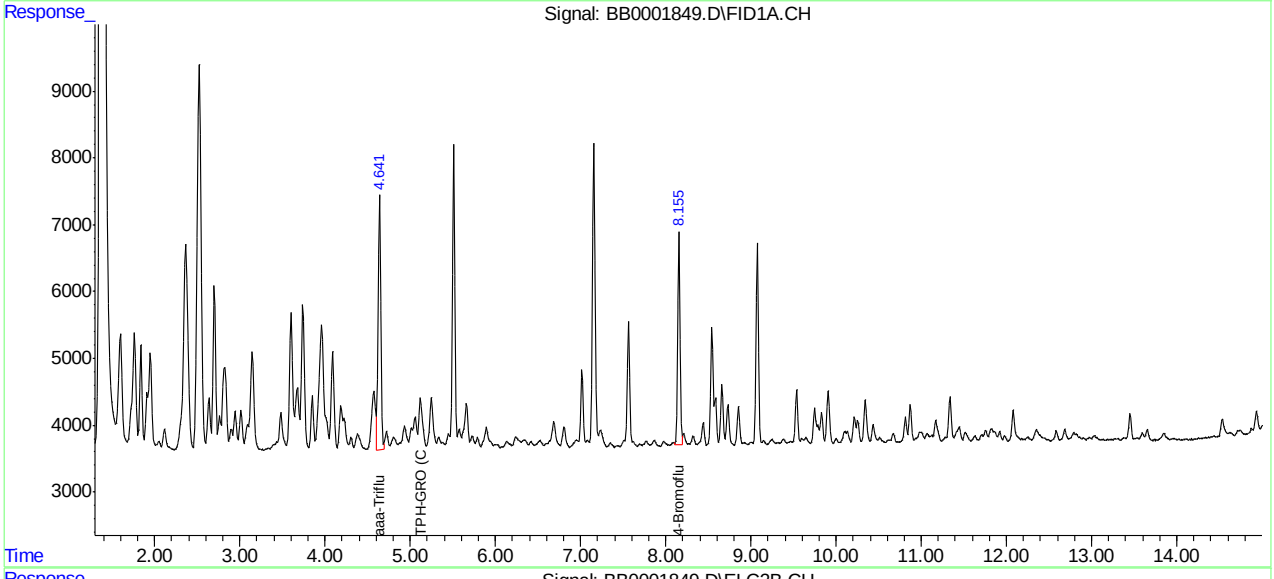
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

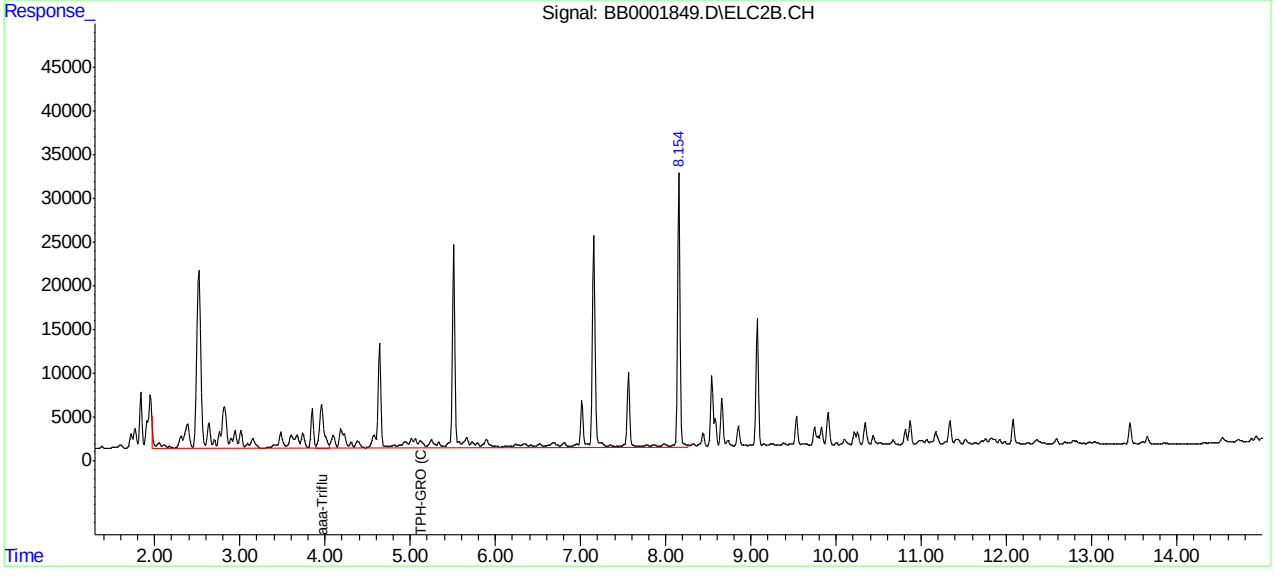
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3332,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:34 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





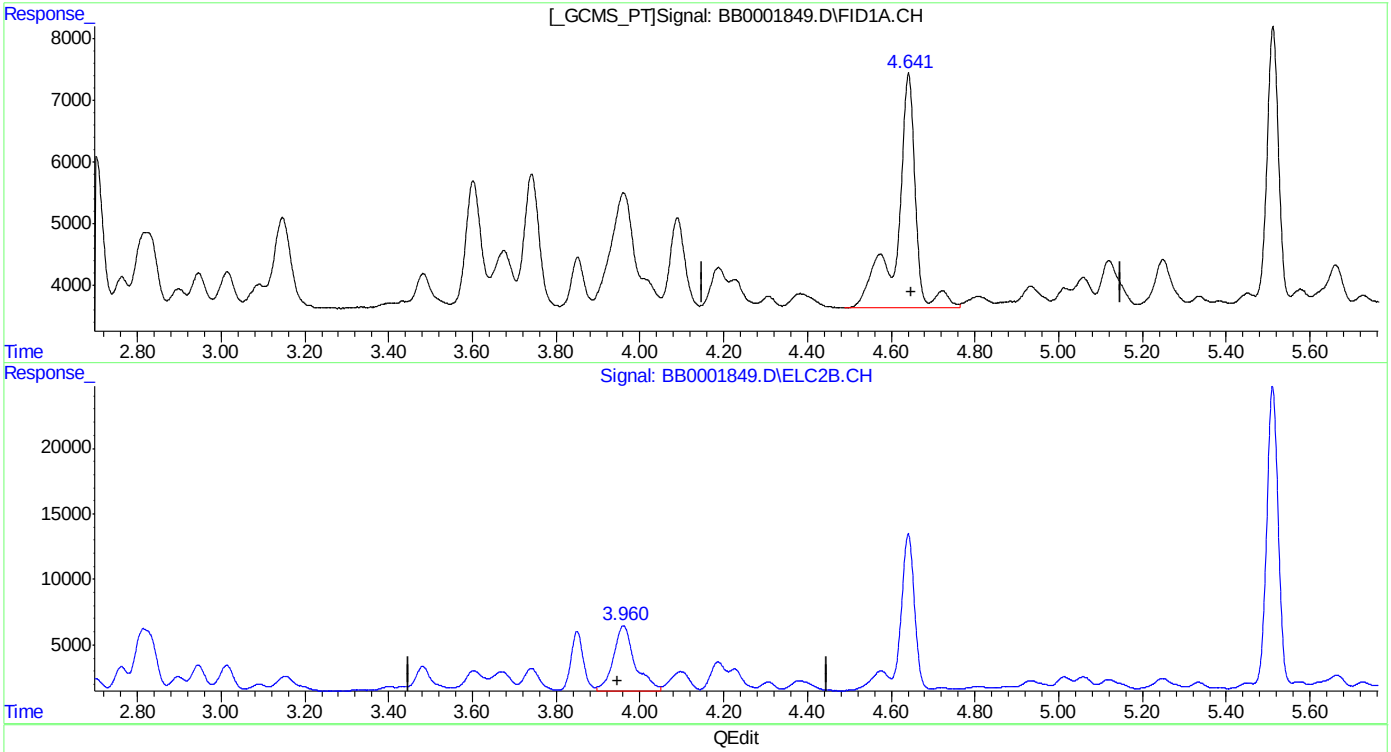
BB78.m Wed Sep 08 10:05:49 2010 Page: 2

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 31.525 ug/L
response 118222

(1) aaa-Trifluorotoluene #2 (S)
3.960min 60.963 ug/L
response 177174

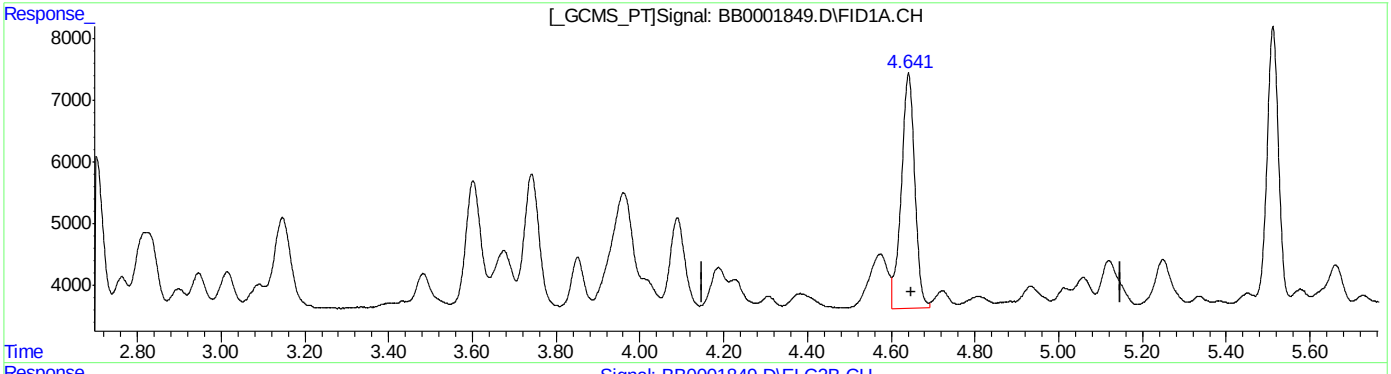
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:13 2010

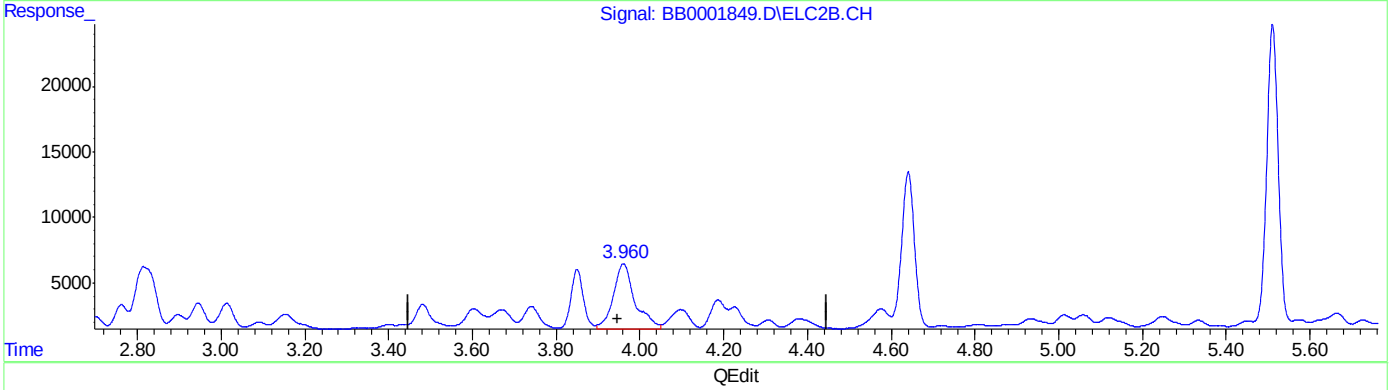
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





QEdit

(1) aaa-Trifluorotoluene (S)
4.641min 22.524 ug/L m
response 84467

(1) aaa-Trifluorotoluene #2 (S)
3.960min 60.963 ug/L
response 177174

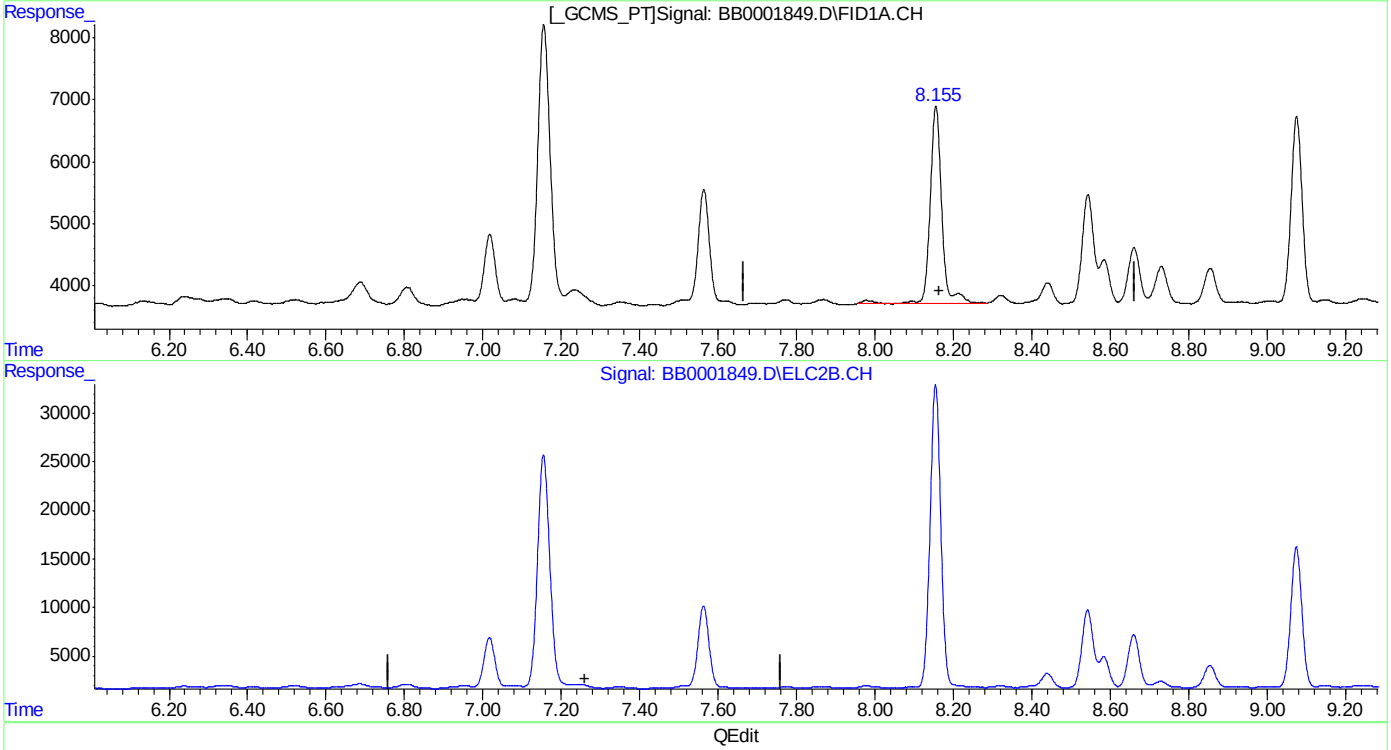
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:25 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 20.764 ug/L
response 65078

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

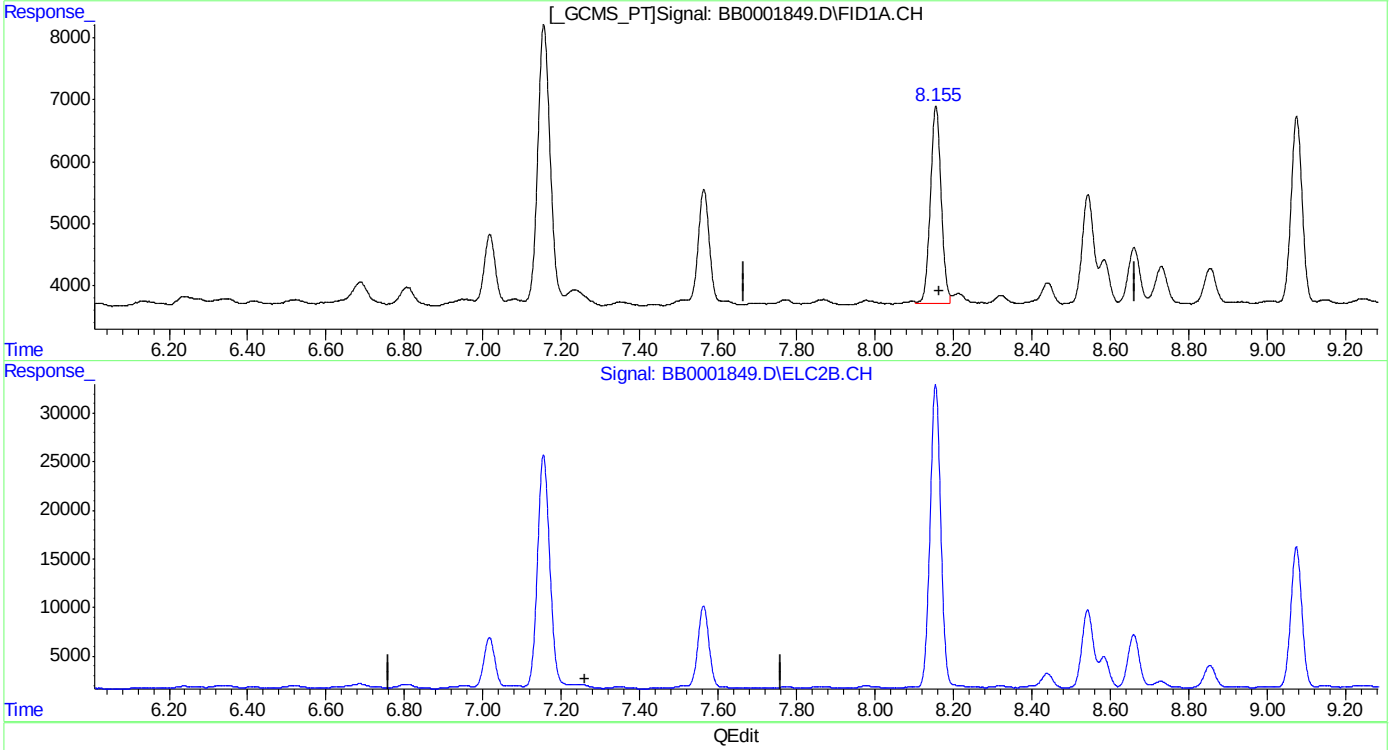
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:28 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001849.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:08:05
Operator : anthonyt
Sample : t59309-1msd
Misc : gc3331,GBB108,5,,,5,,water
ALS Vial : 12 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 19.532 ug/L m
response 61219

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:36 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3331,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:13 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.959	78516	138132	20.937m	47.529	#
3) S	4-Bromofl...	8.156	0.000	58669	0	18.719m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1054004	3810977	332.931	265.740	

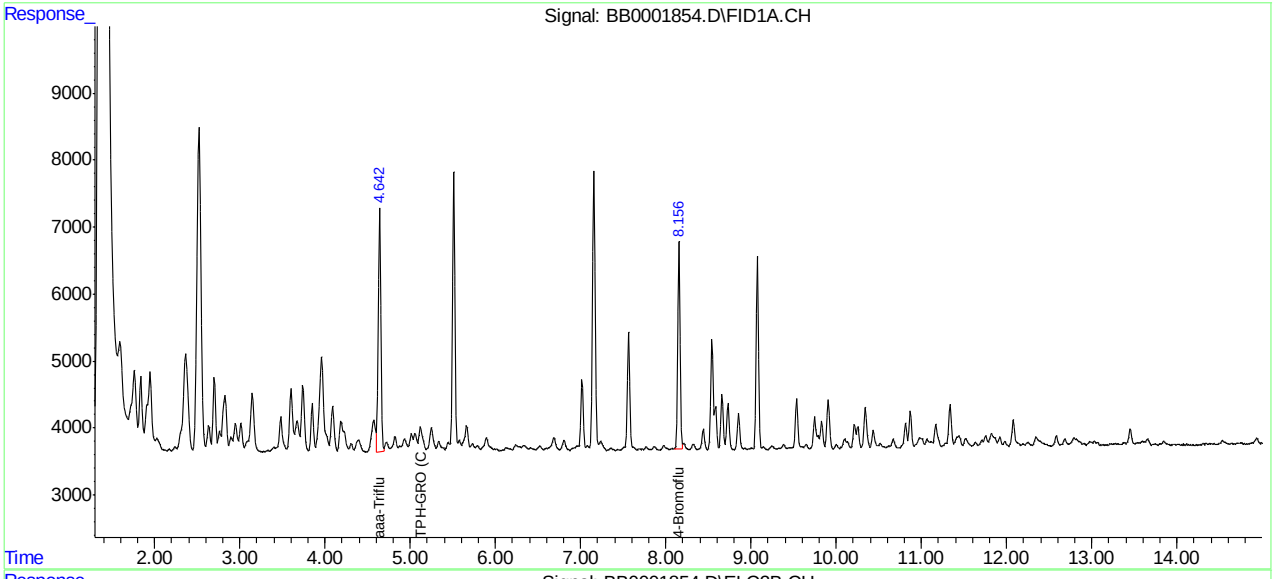
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

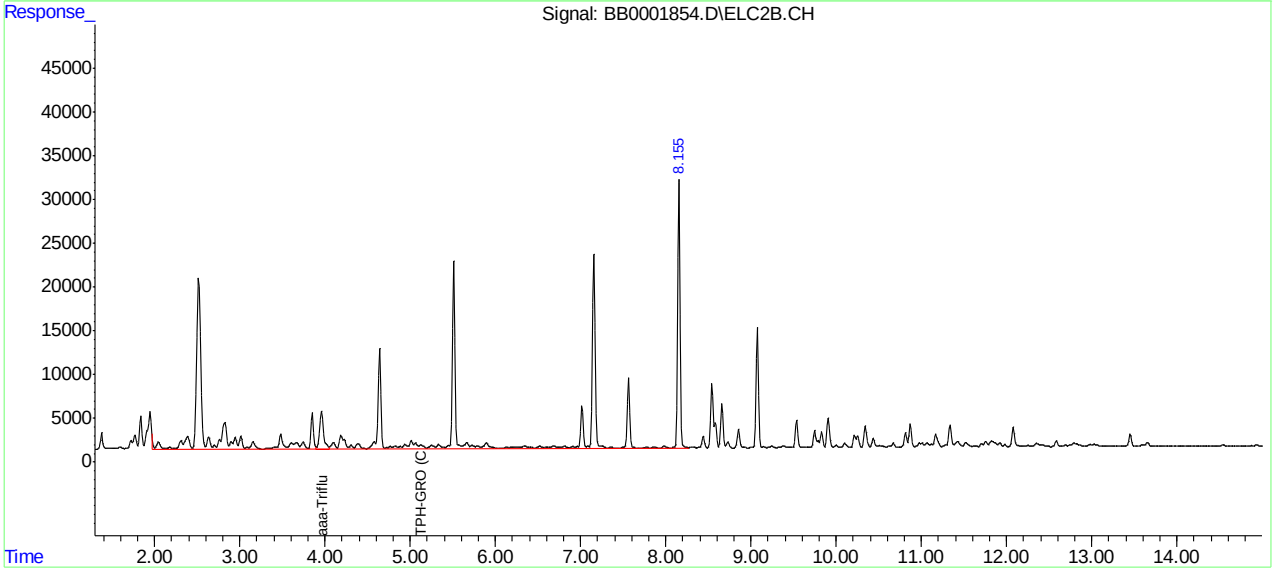
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3331,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:13 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



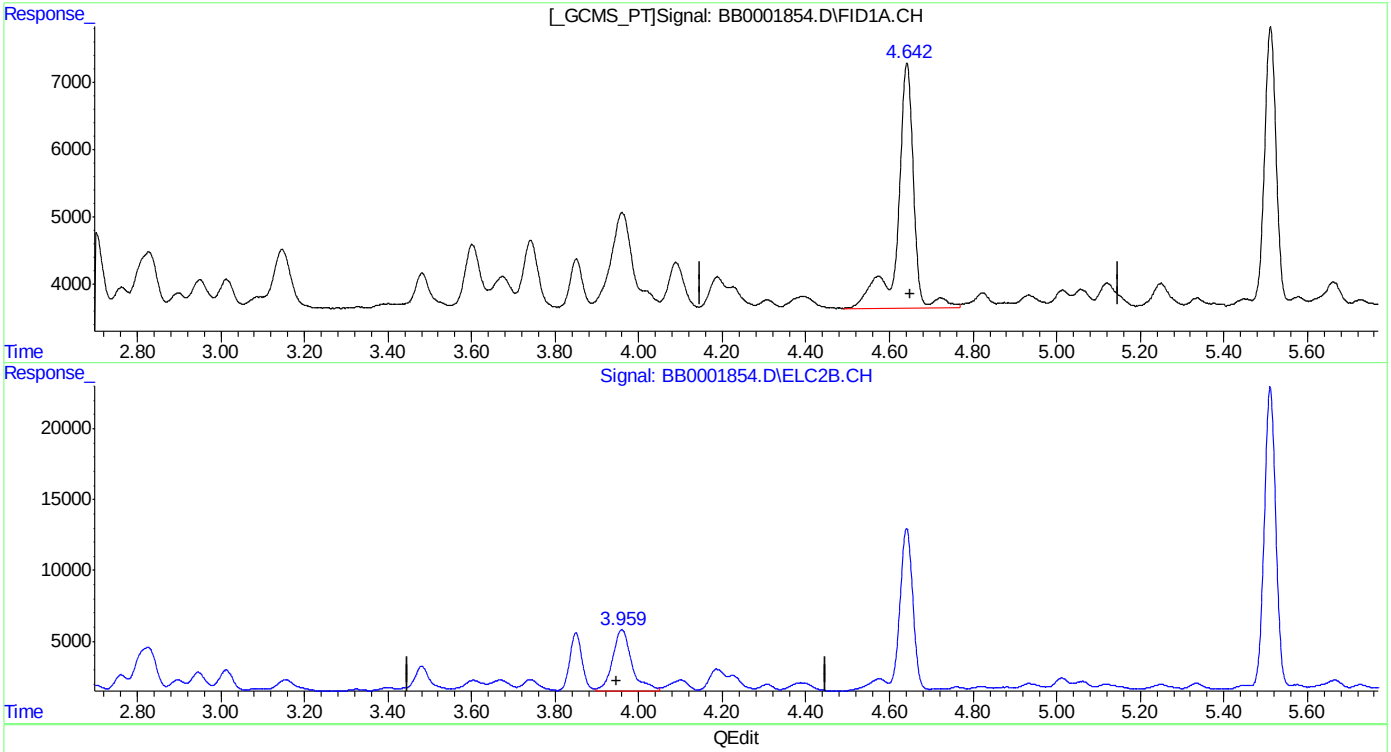


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 26.080 ug/L
response 97805

(1) aaa-Trifluorotoluene #2 (S)
3.959min 47.529 ug/L
response 138132

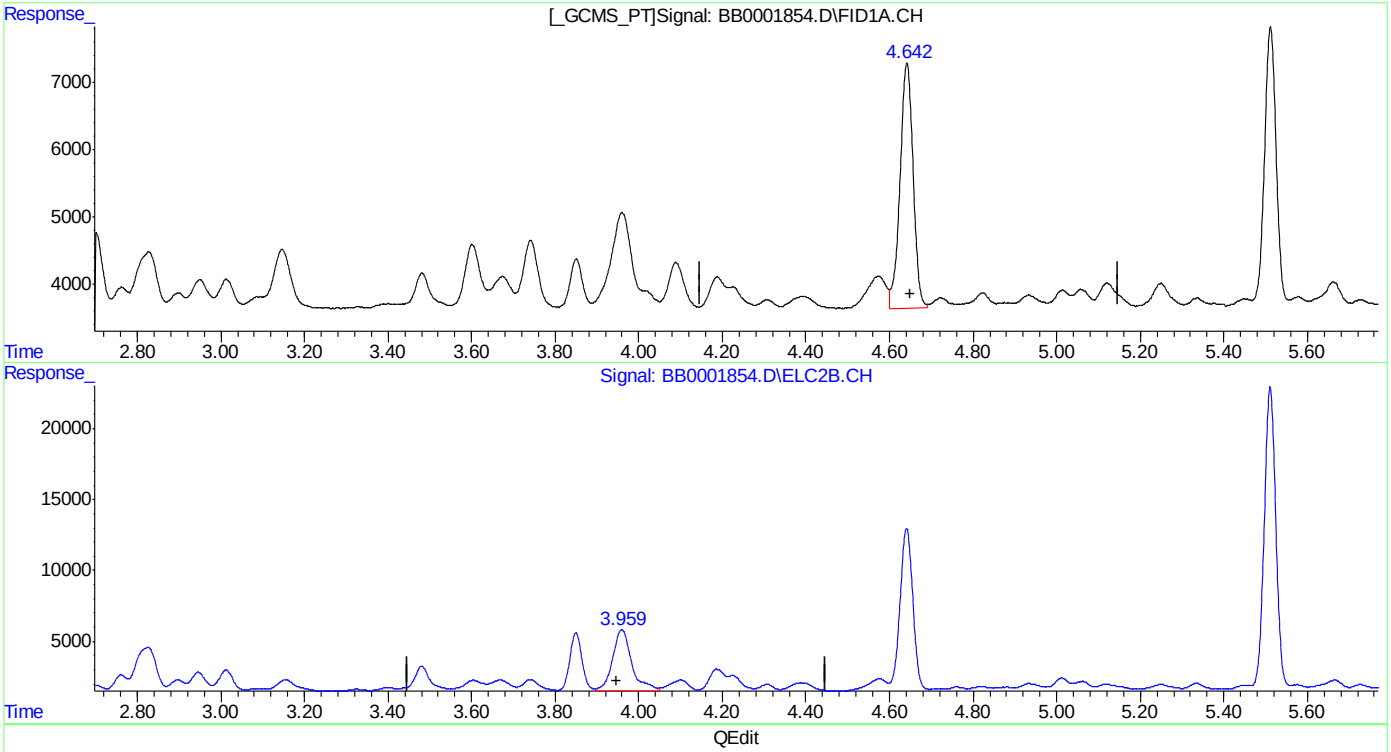
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:11:48 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 20.937 ug/L m
response 78516

(1) aaa-Trifluorotoluene #2 (S)
3.959min 47.529 ug/L
response 138132

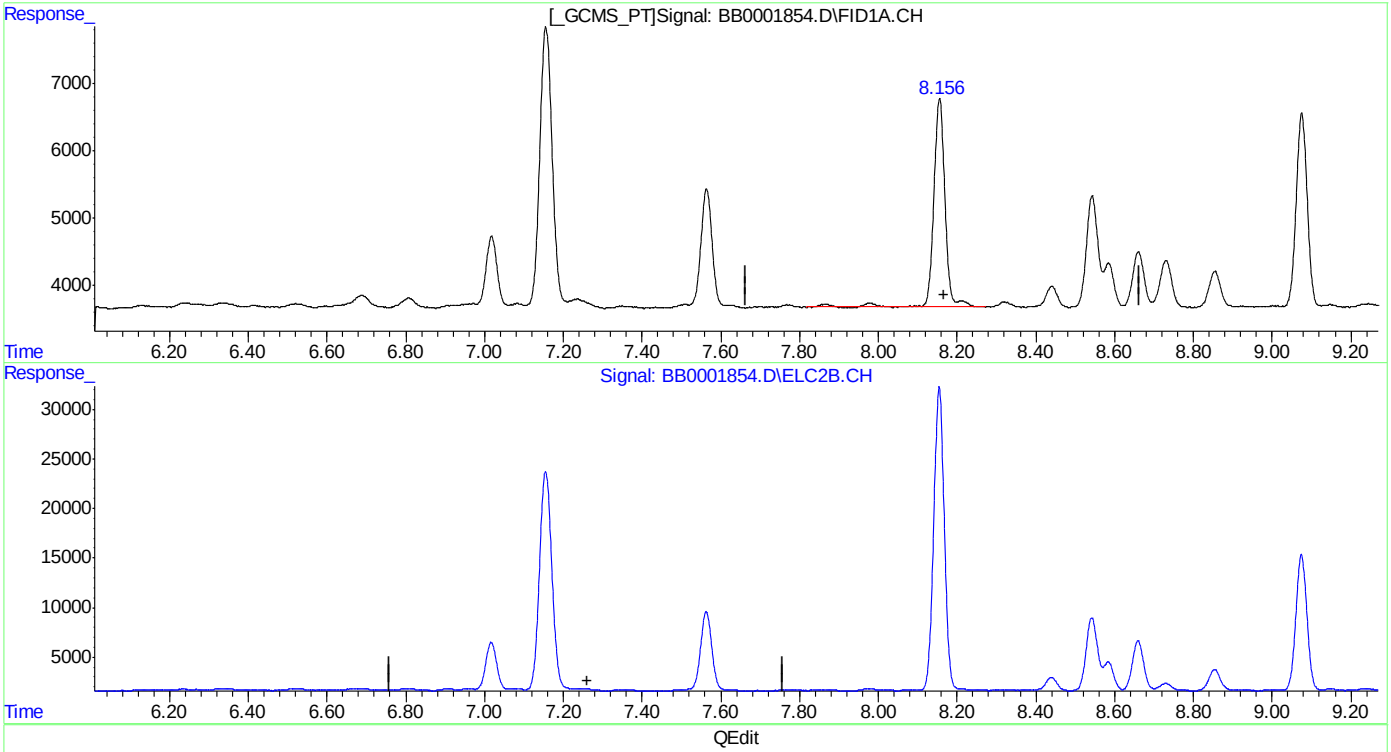
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:11:54 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.156min 19.307 ug/L
response 60512

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

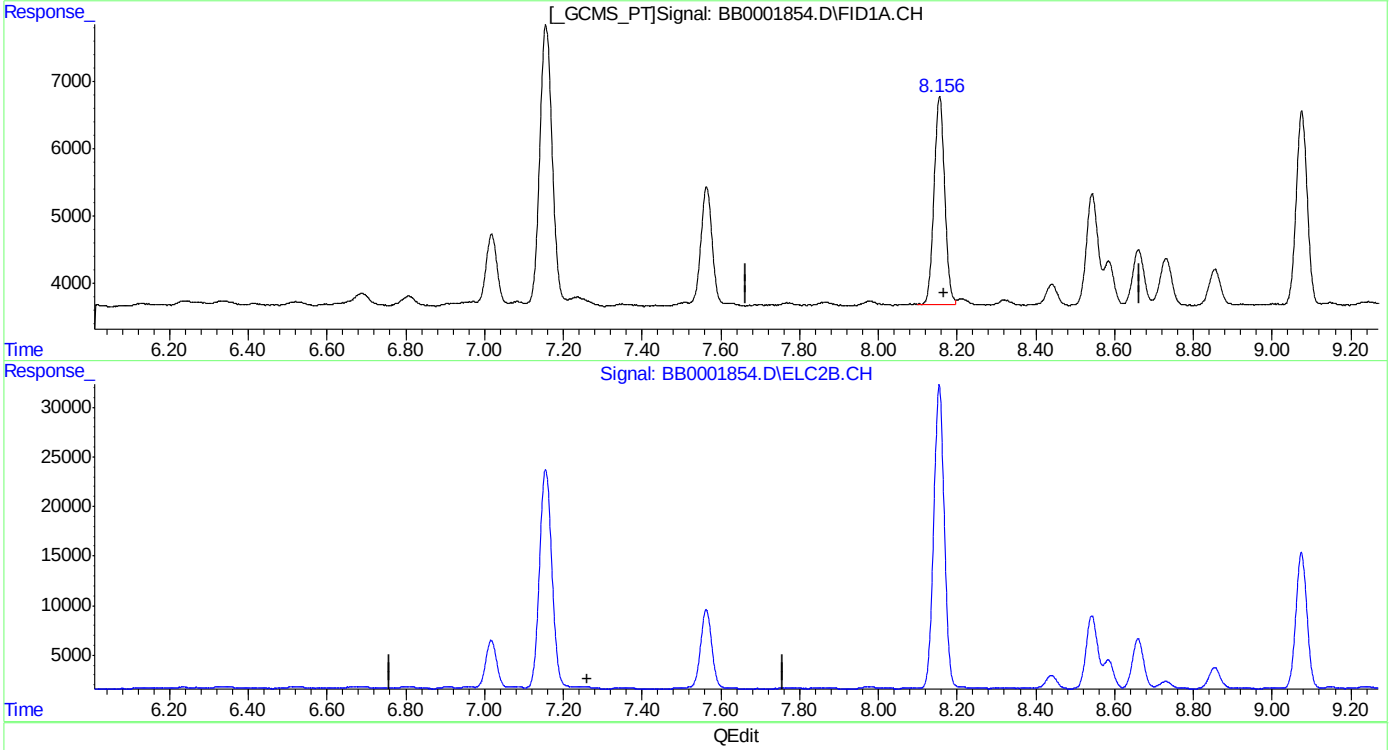
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:11:57 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(3) 4-Bromofluorobenzene (S)
8.156min 18.719 ug/L m
response 58669

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

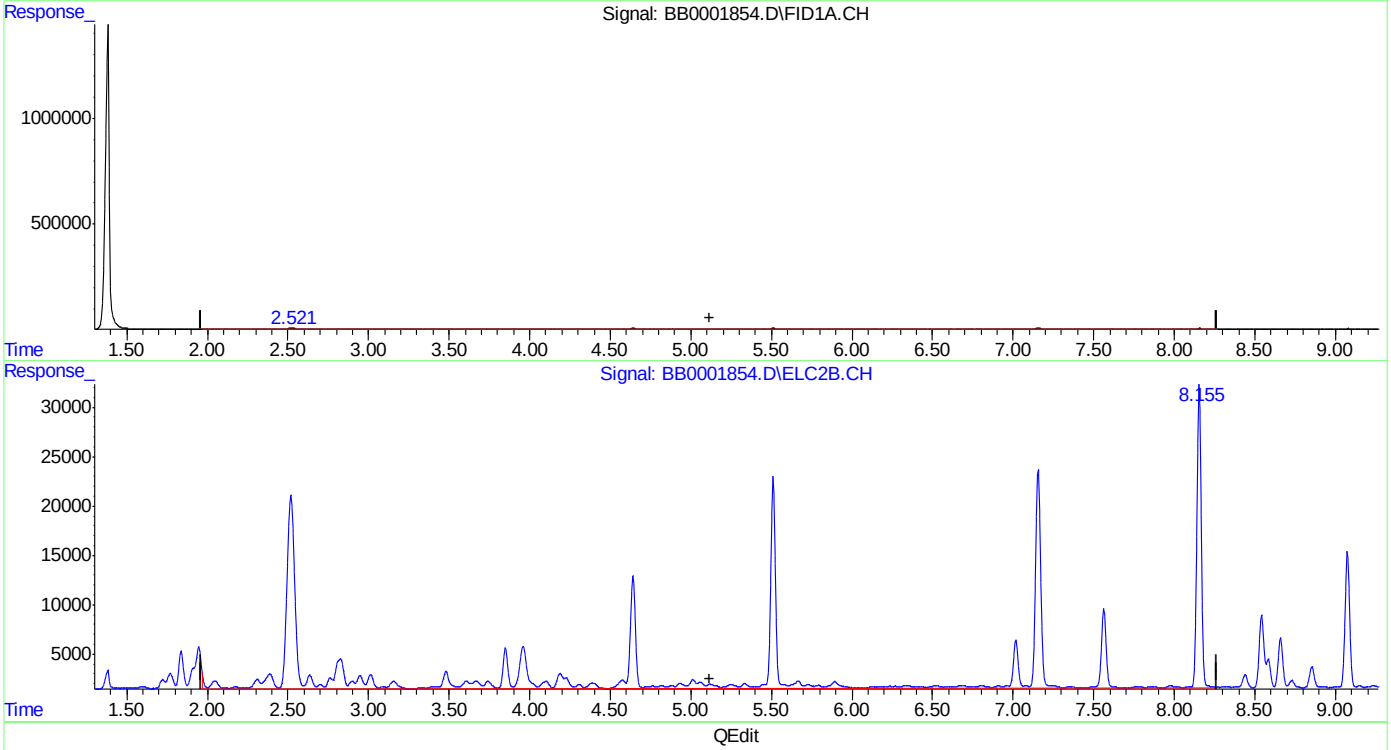
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:05 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 303.924 ug/L m
response 962174

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 265.740 ug/L m
response 3810977

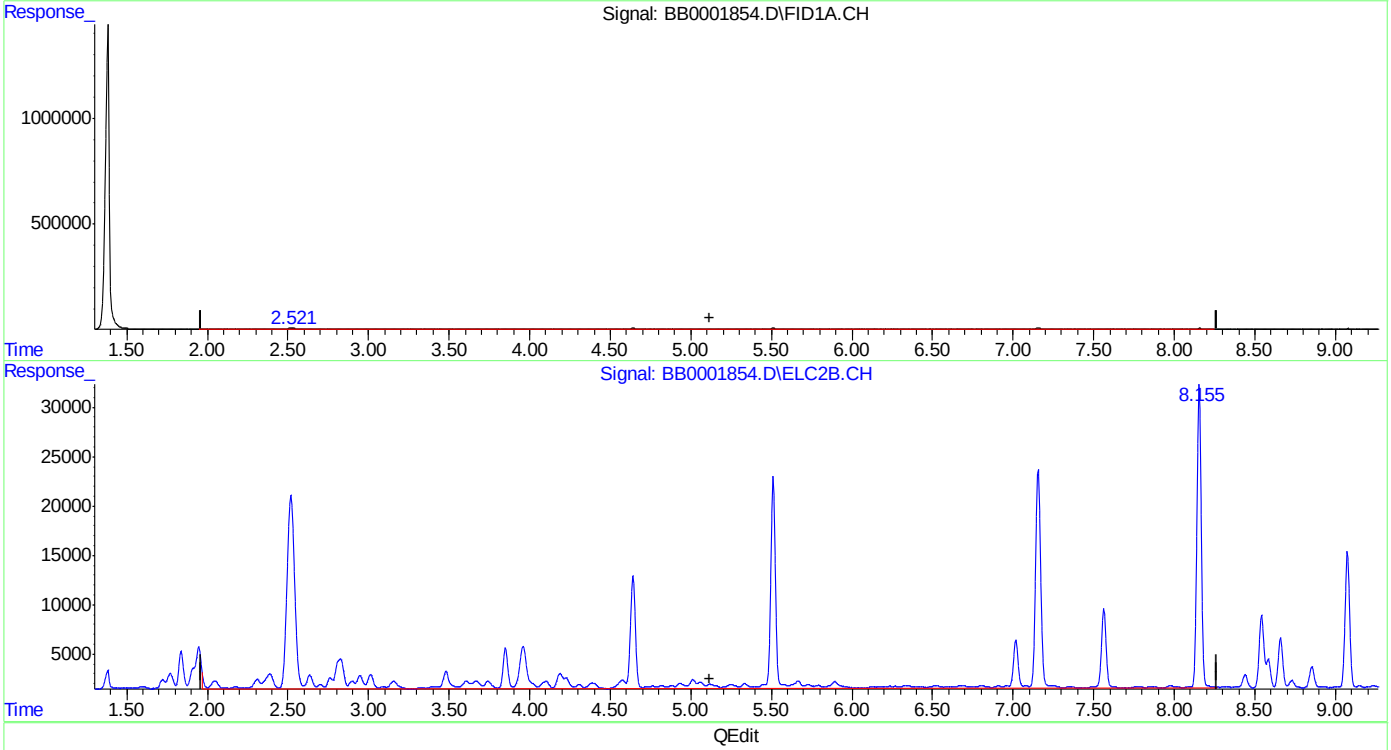
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:09 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001854.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:25:06
Operator : anthonyt
Sample : t59312-1ms,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 17 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:11:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 332.931 ug/L m
response 1054004

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 265.740 ug/L m
response 3810977

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:15 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3331,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:49 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.960	78906	139088	21.041m	47.858	#
3) S	4-Bromofl...	8.155	0.000	60415	0	19.276m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1071734	3838730	338.531	267.675	

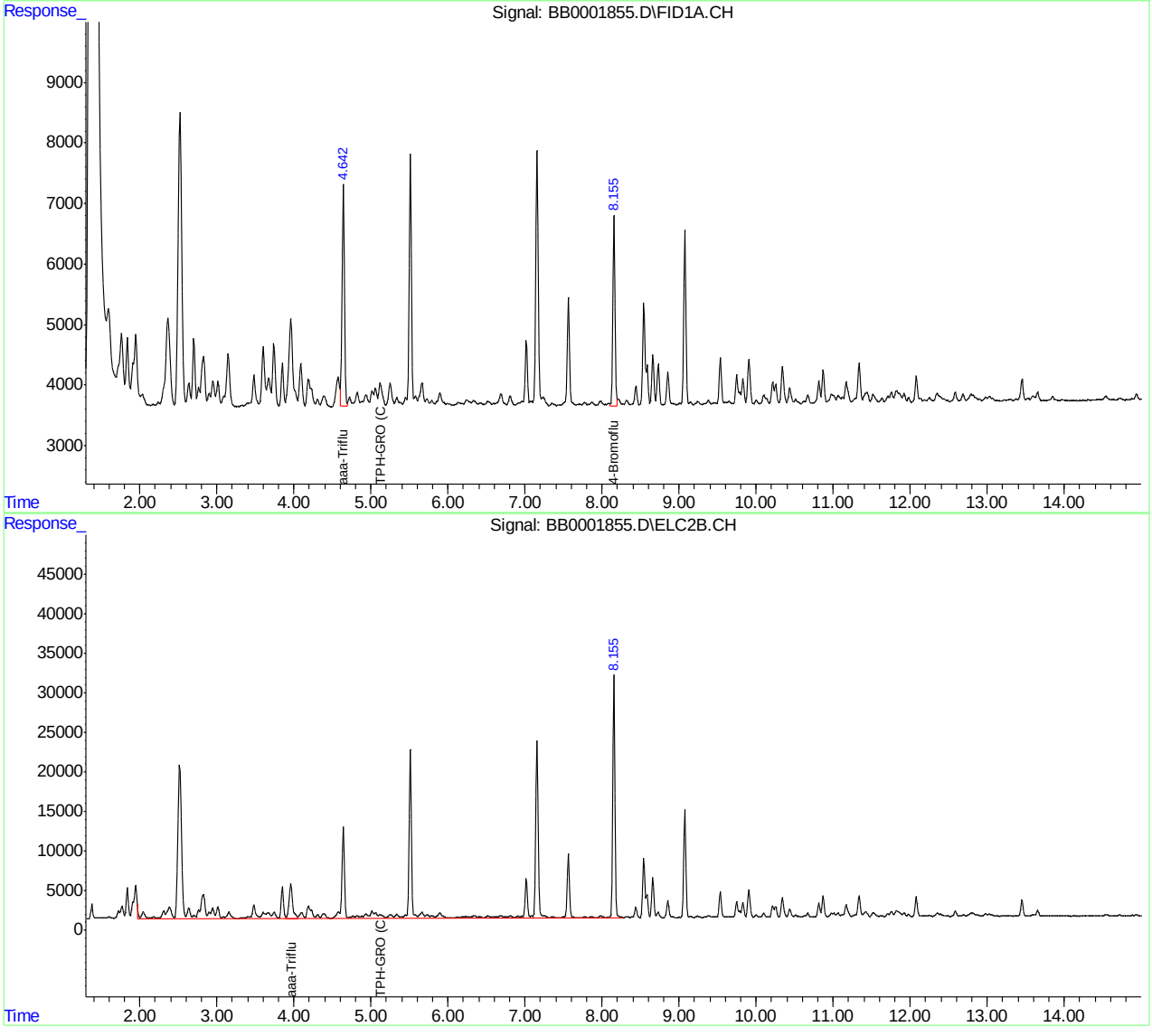
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3331,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:49 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



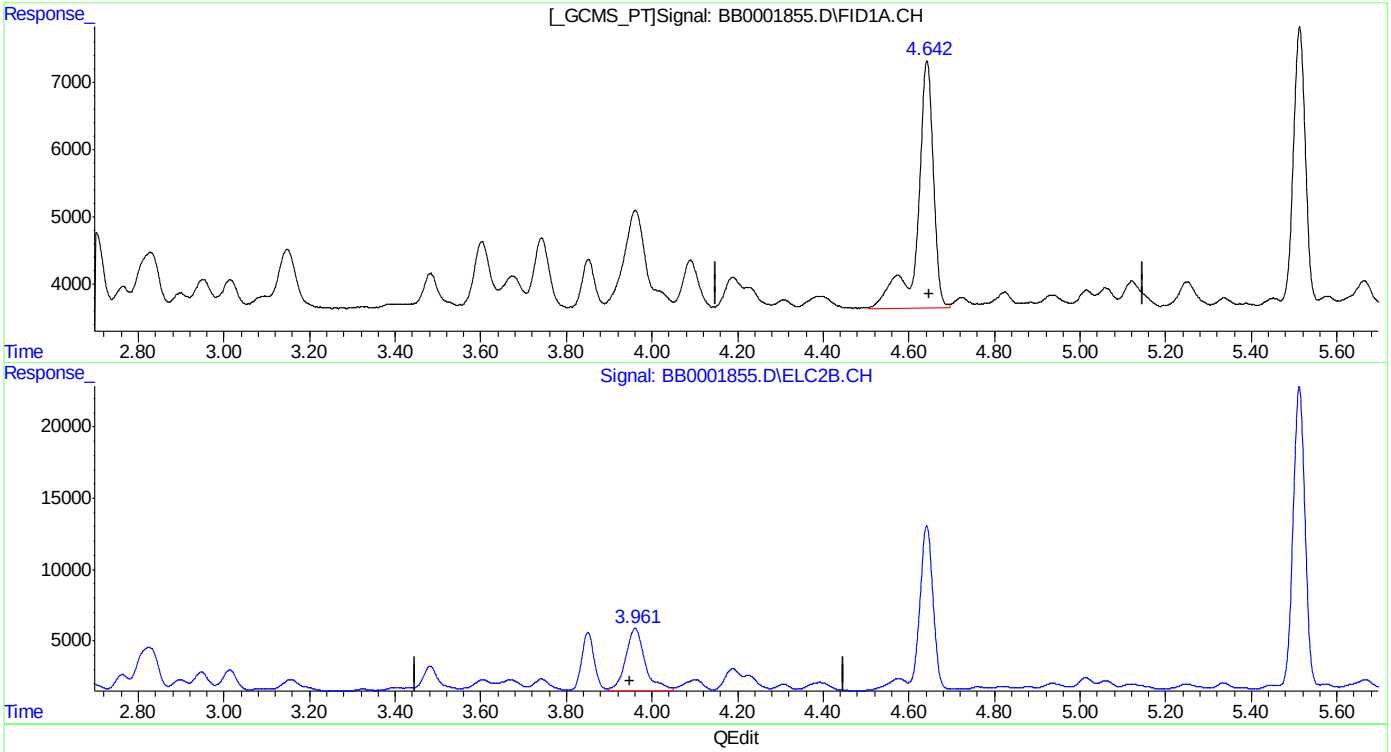
BB78.m Wed Sep 08 10:27:50 2010 Page: 2

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 25.409 ug/L
response 95286

(1) aaa-Trifluorotoluene #2 (S)
3.960min 47.858 ug/L
response 139088

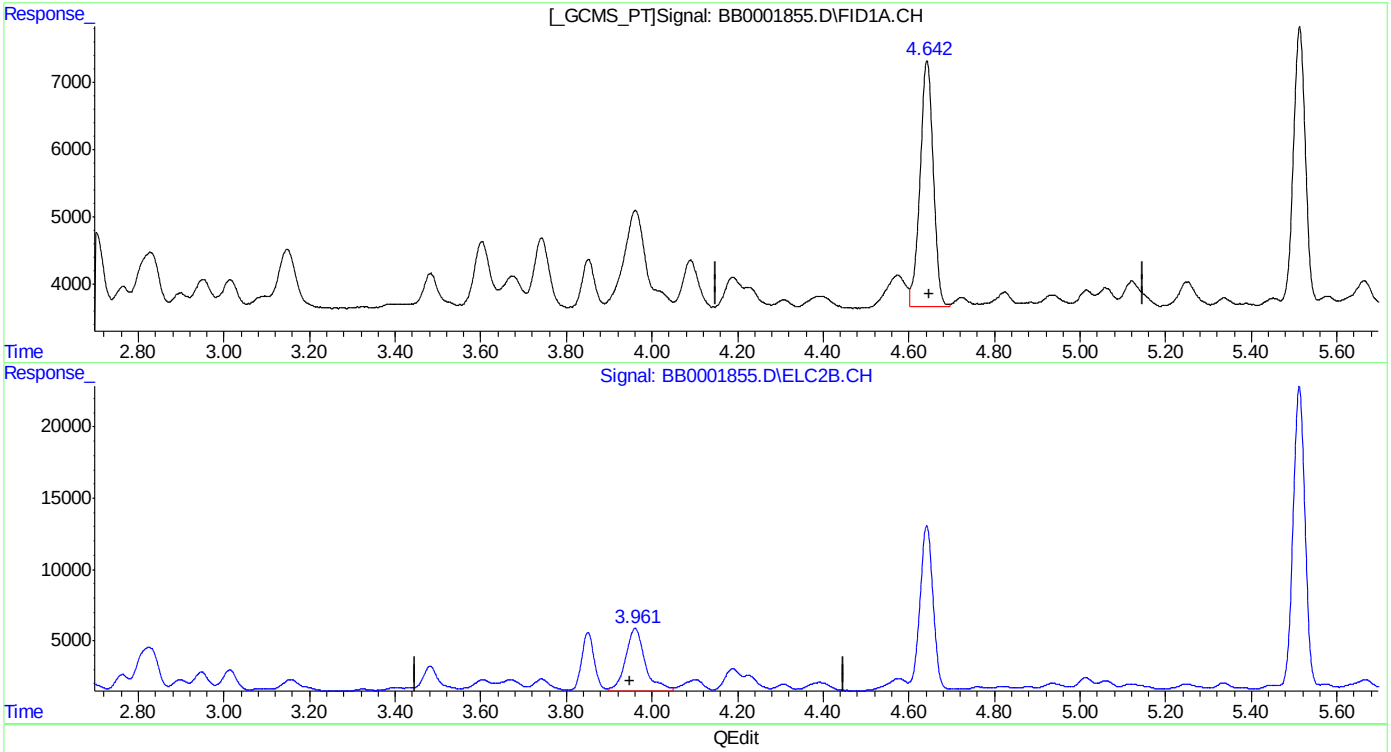
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:25 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 21.041 ug/L m
response 78906

(1) aaa-Trifluorotoluene #2 (S)
3.960min 47.858 ug/L
response 139088

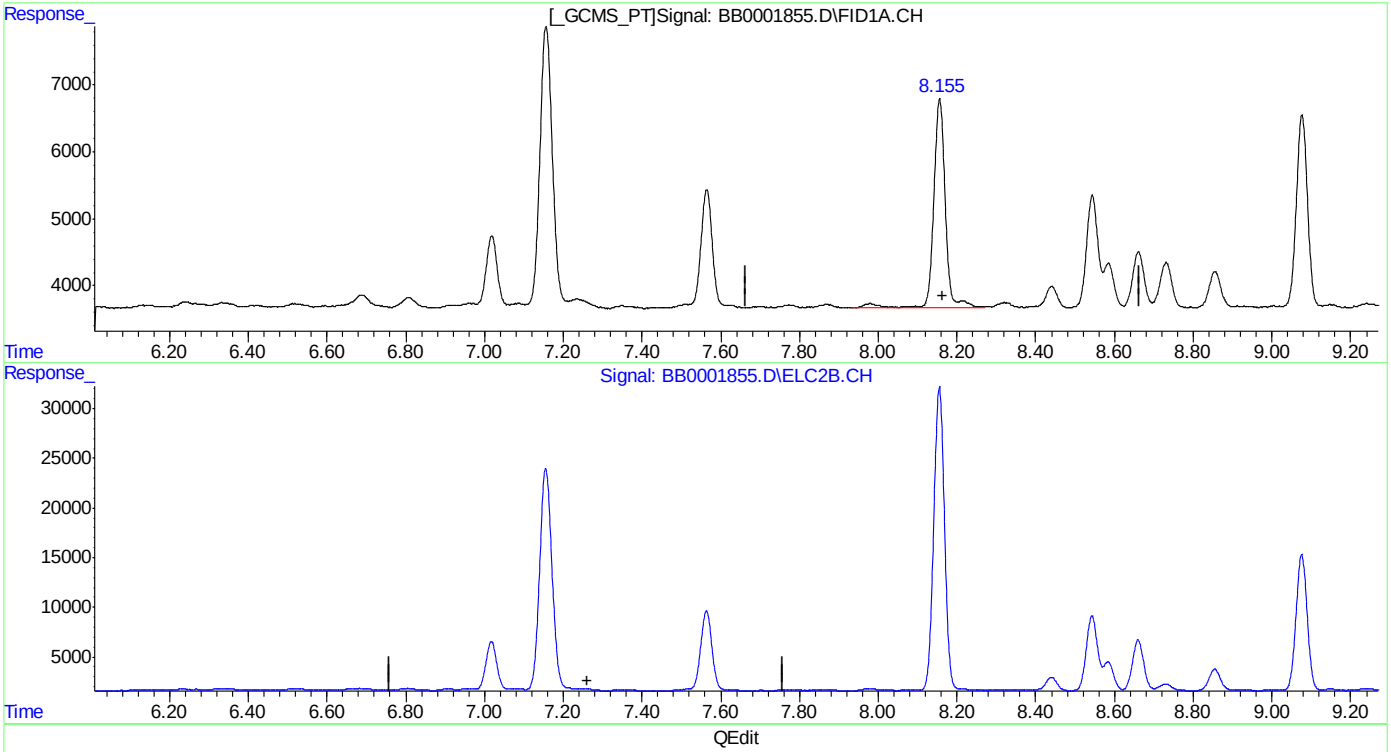
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:32 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.156min 20.639 ug/L
response 64686

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

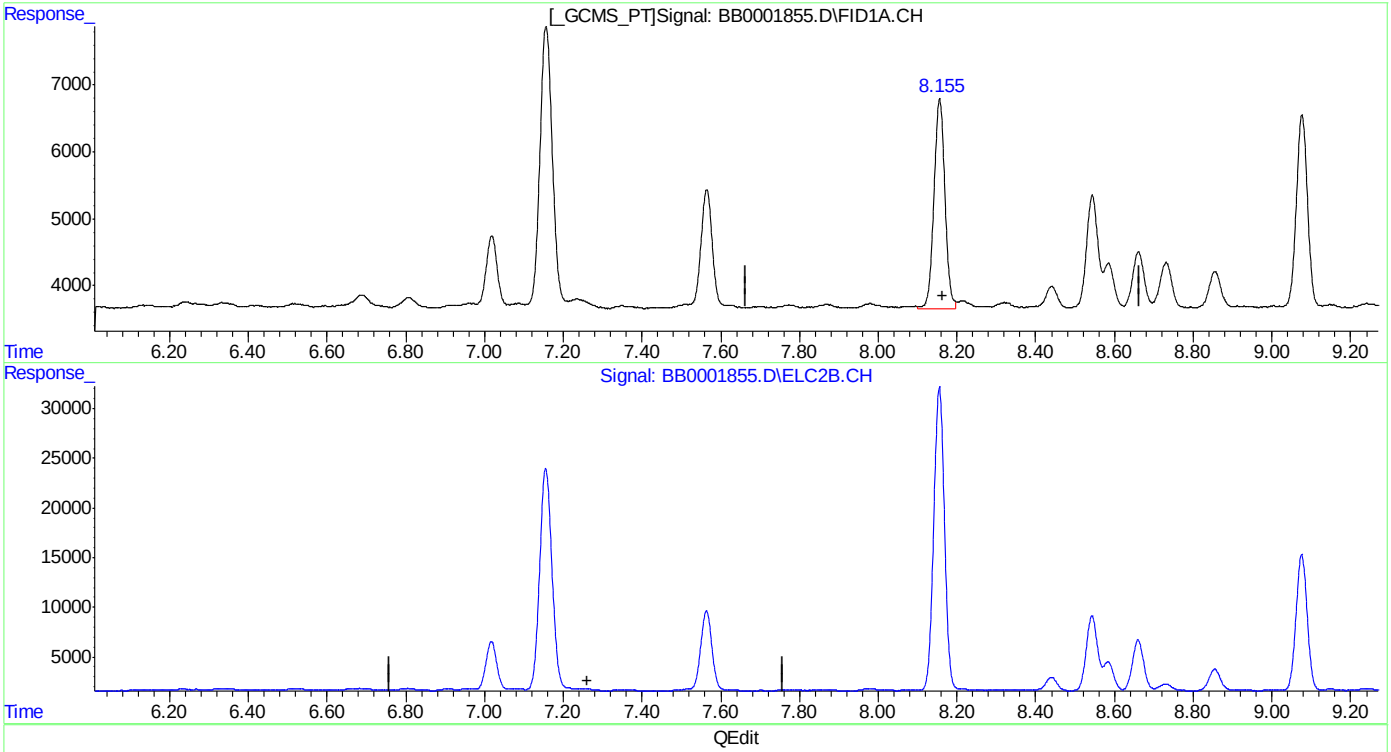
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:35 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(3) 4-Bromofluorobenzene (S)
8.155min 19.276 ug/L m
response 60415

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

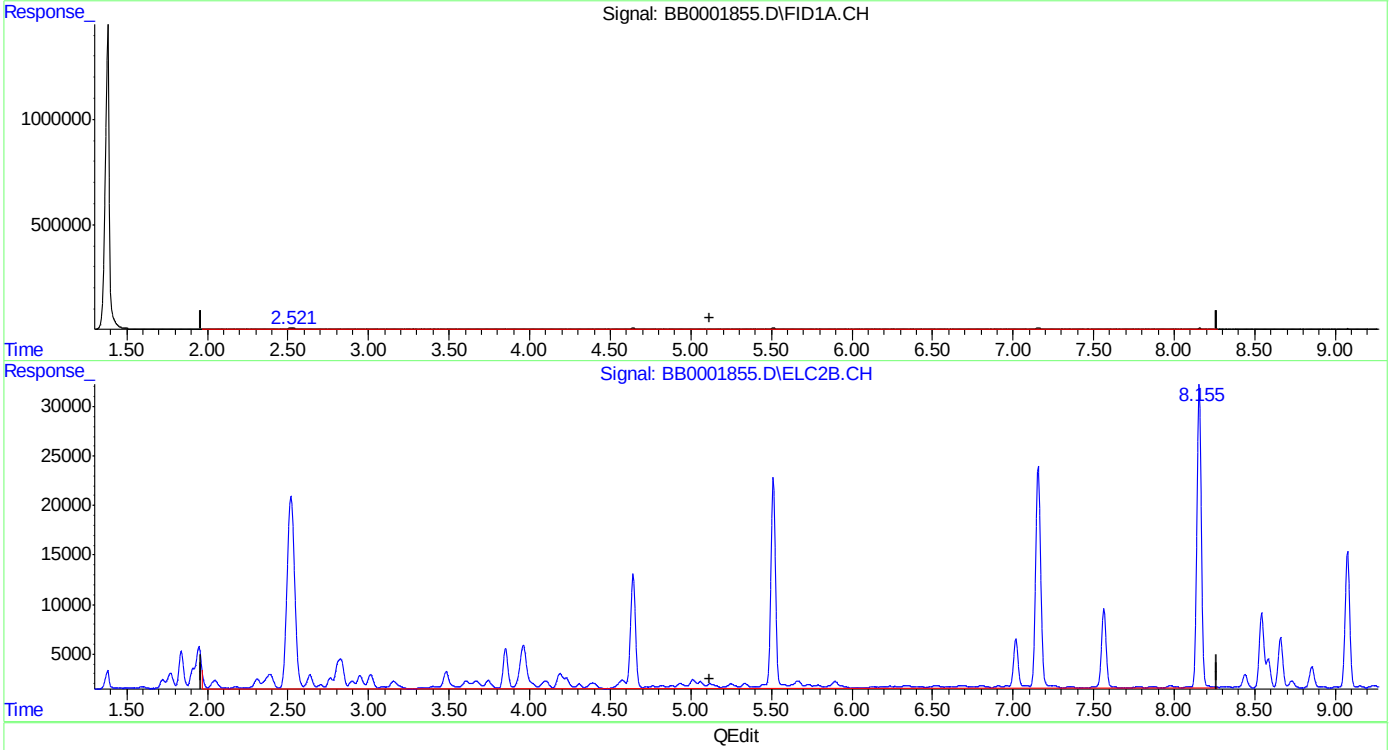
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:41 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 16:47:53
Operator : anthonyt
Sample : t59312-1msd,50x
Misc : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial : 18 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 307.986 ug/L m
response 975032

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 267.675 ug/L m
response 3838730

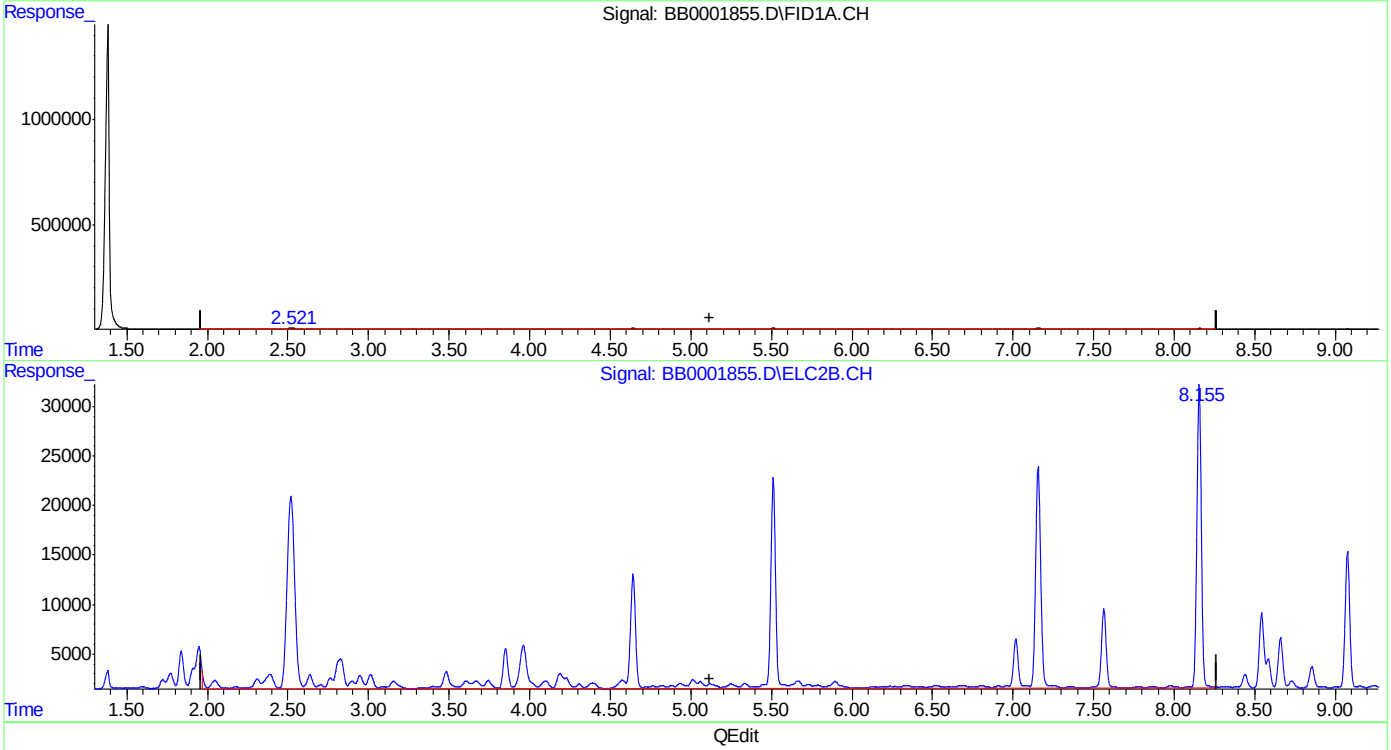
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:44 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001855.D
Signal(s) : Signal #1: FID1A.CH  Signal #2: ELC2B.CH
Acq On    : 07-Sep-10, 16:47:53
Operator  : anthonyt
Sample    : t59312-1msd,50x
Misc      : gc3330,GBB109,5.05,,100,5,,soil
ALS Vial  : 18 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:12:22 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title  : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Small noise peaks clipped

Volume Inj.     :
Signal #1 Phase : Rxi-624Sil MS     Signal #2 Phase: Rxi-624Sil
Signal #1 Info  : 0.32 mm           Signal #2 Info : 0.32 mm
```



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 338.531 ug/L m
response 1071734

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 267.675 ug/L m
response 3838730

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:12:51 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001342.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:20:32
Operator : anthonyt
Sample : ic80-50 (Sig #1); ic78-50 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:39:23 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:38:46 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S aaa-Trifl...	4.641	3.849	15683	14321	4.272m	5.542
3) S 4-Bromofl...	8.156	0.000	14350	0	4.515	N.D. #
Target Compounds						
2) H TPH-GRO (...	5.117	5.117	150529	678981	52.000	50.327

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

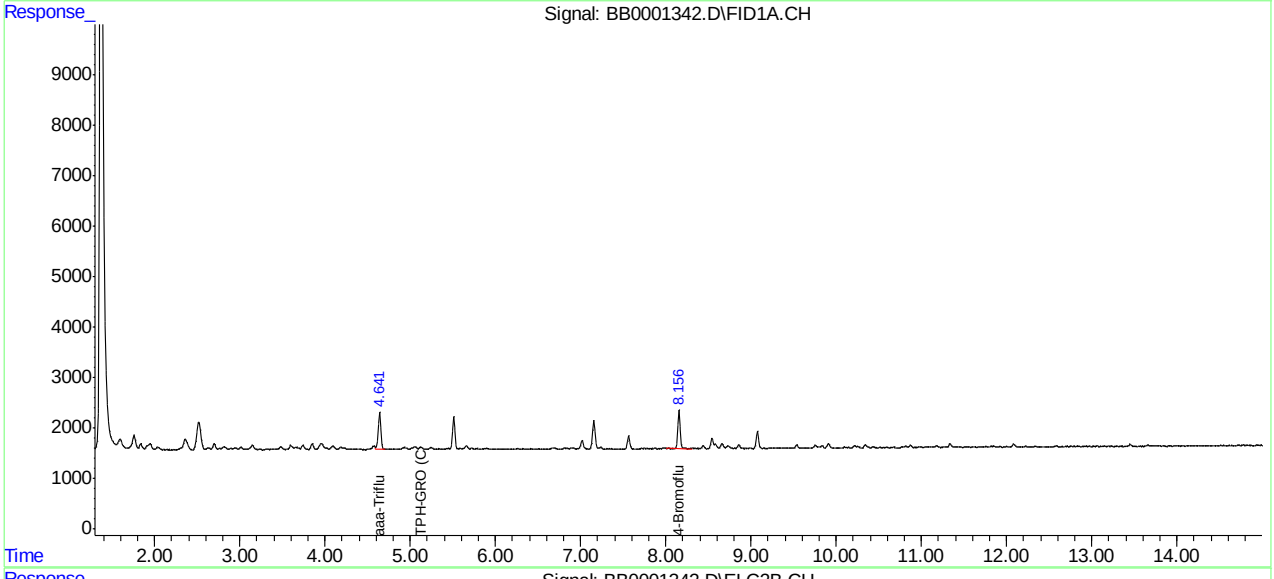
10.5.1
10

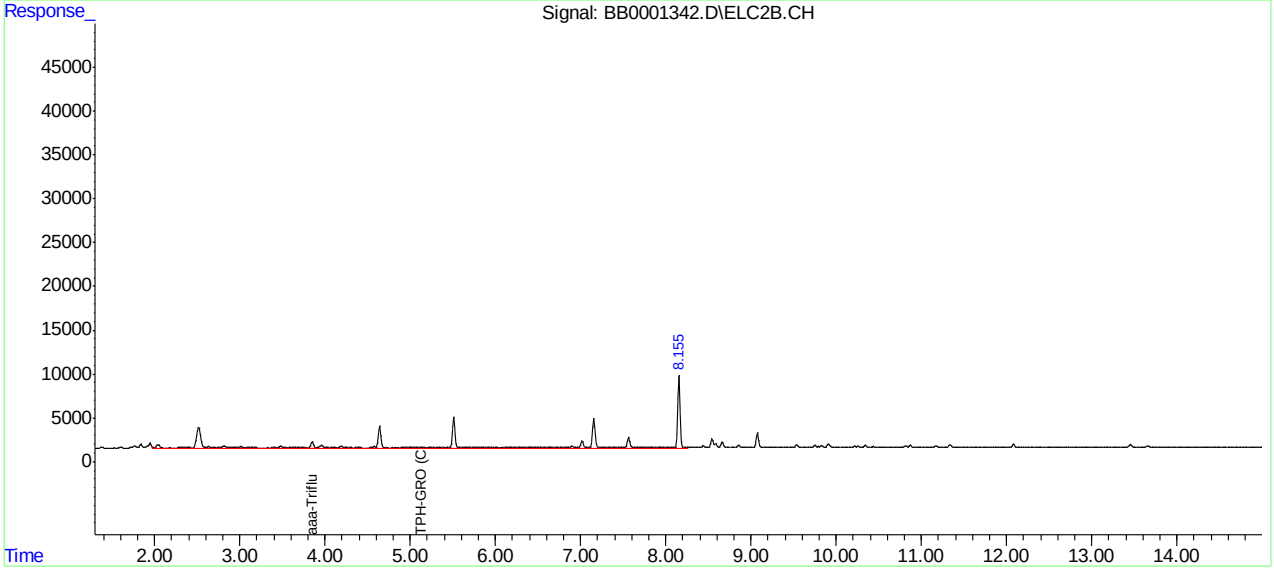
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001342.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:20:32
Operator : anthonyt
Sample : ic80-50 (Sig #1); ic78-50 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:39:23 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:38:46 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



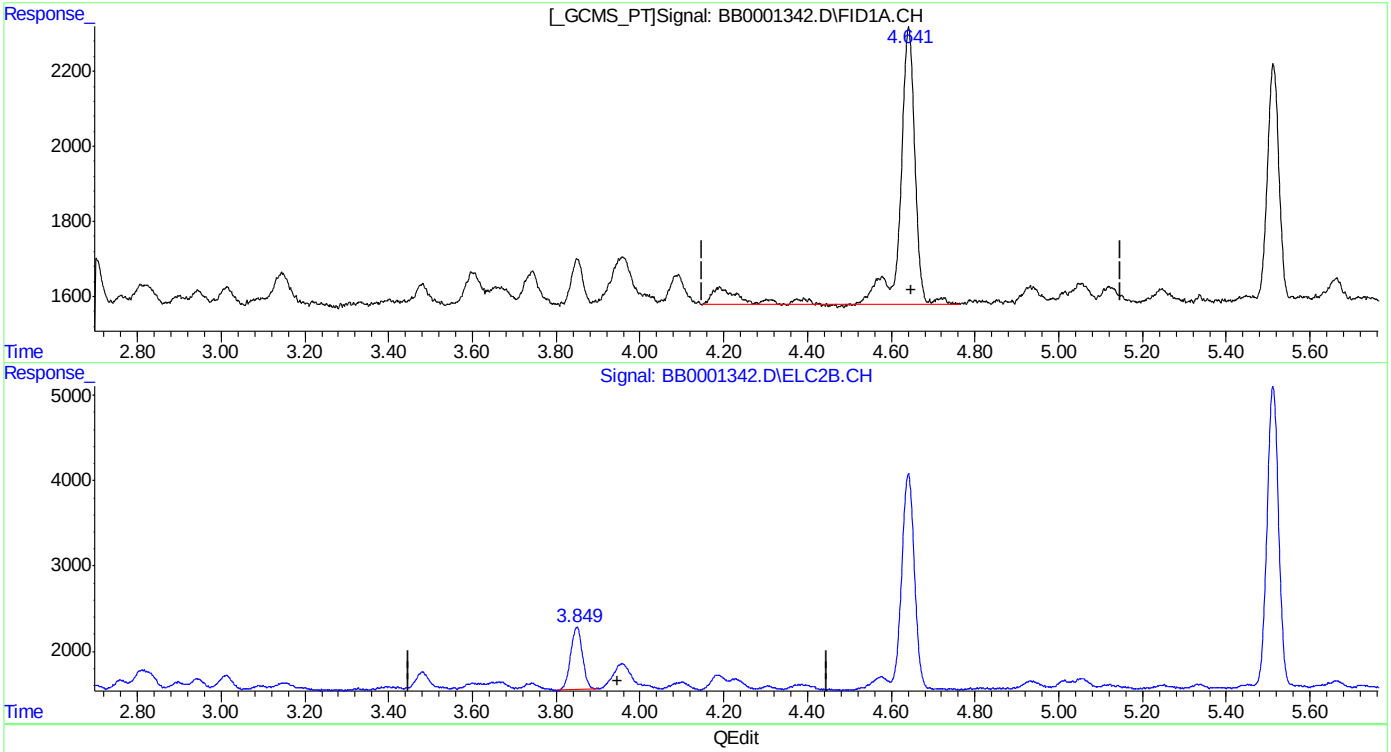


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001342.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:20:32
Operator : anthonyt
Sample : ic78-50
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:39:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:38:46 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 5.442 ug/L
response 19979

(1) aaa-Trifluorotoluene #2 (S)
3.849min 5.542 ug/L
response 14321

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:39:14 2010

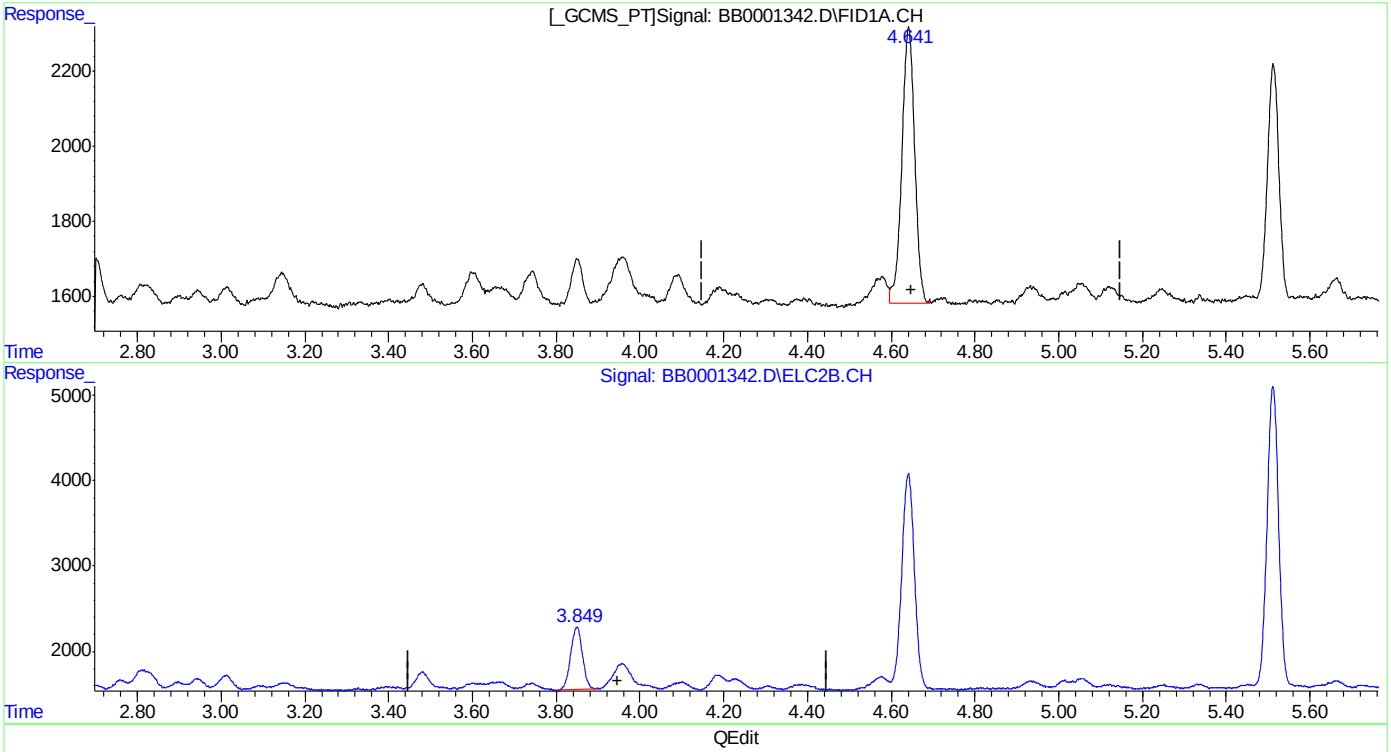
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001342.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:20:32
Operator : anthonyt
Sample : ic78-50
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:39:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:38:46 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 4.272 ug/L m
response 15683

(1) aaa-Trifluorotoluene #2 (S)
3.849min 5.542 ug/L
response 14321

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:39:27 2010

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001343.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:44:05
Operator : anthonyt
Sample : ic80-100 (Sig #1); ic78-100 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 3 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:33:18 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:32:36 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S aaa-Trifl...	4.642	3.958	37351	26826	10.072m	10.134
3) S 4-Bromofl...	8.156	0.000	32358	0	10.234	N.D. #
Target Compounds						
2) H TPH-GRO (...	5.117	5.117	324651	1468295	115.083	109.092

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

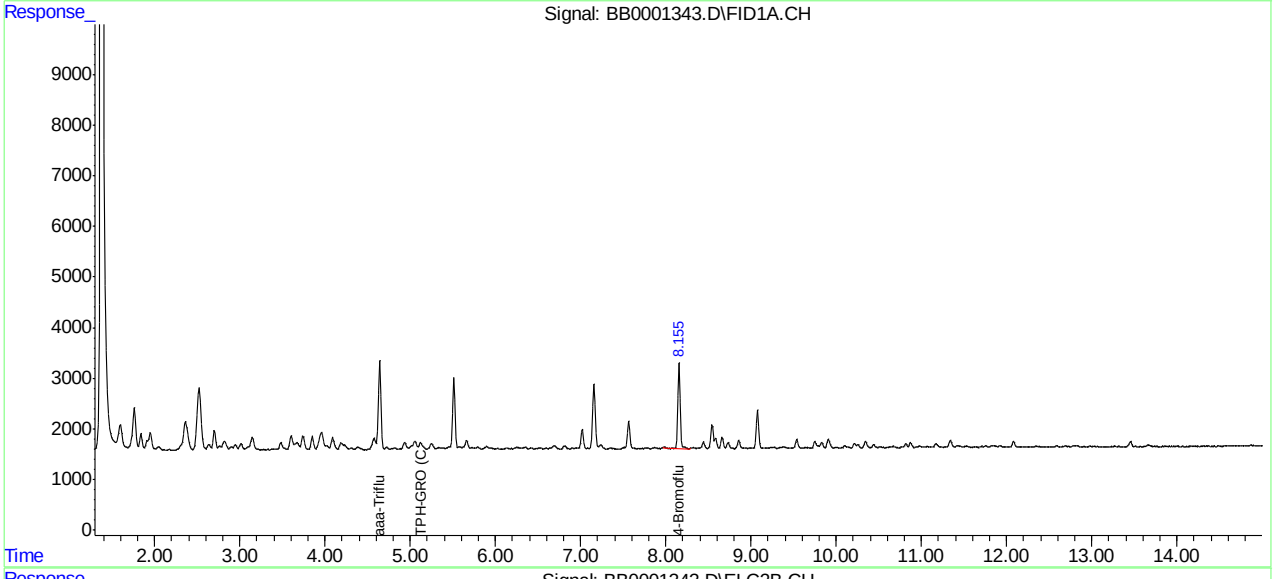
10.5.2 10

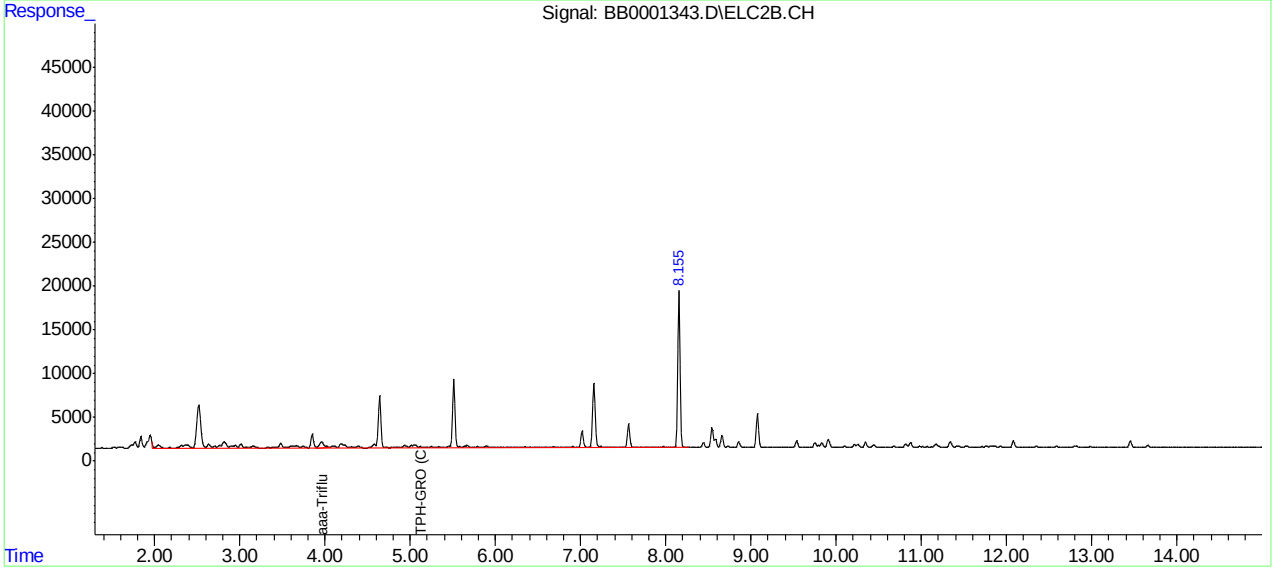
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001343.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:44:05
Operator : anthonyt
Sample : ic80-100 (Sig #1); ic78-100 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 3 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:33:18 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:32:36 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



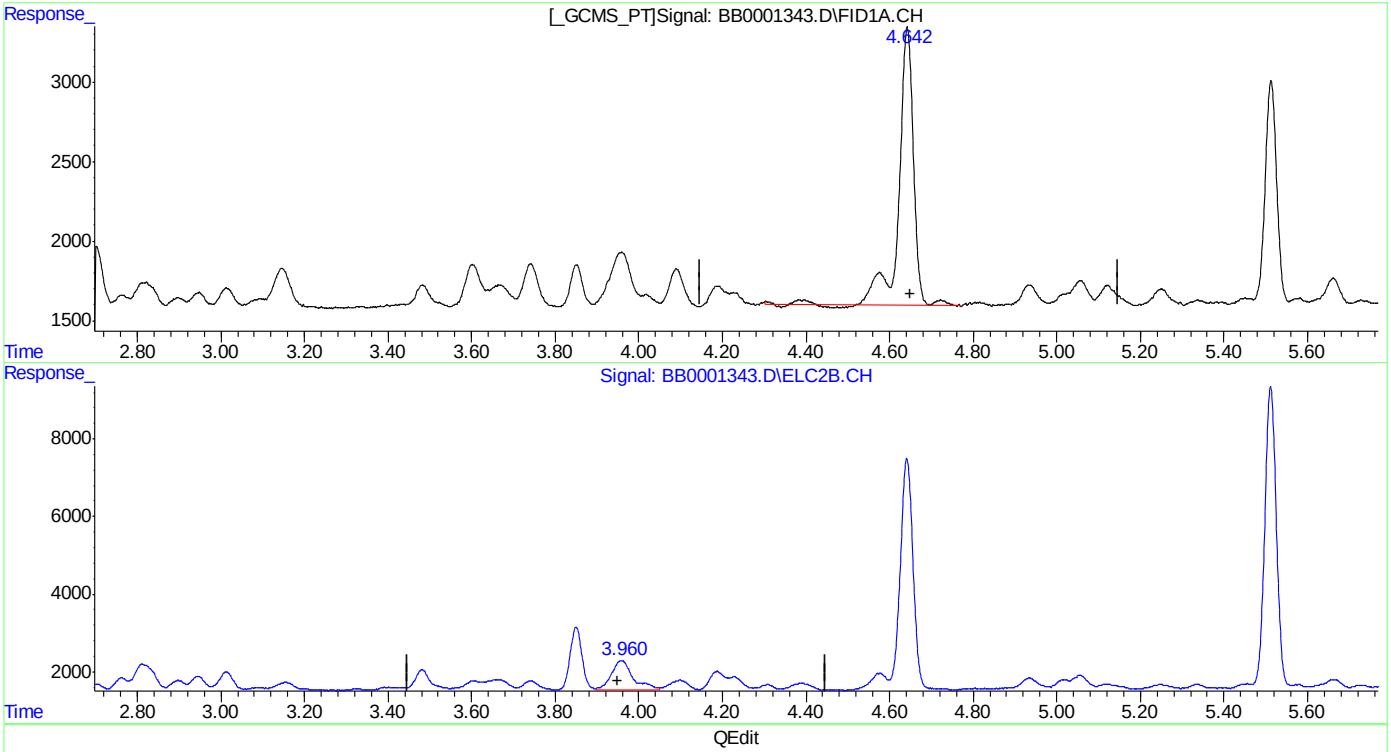


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001343.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:44:05
Operator : anthonyt
Sample : ic78-100
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 3 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:32:55 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:32:36 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 11.748 ug/L
response 43565

(1) aaa-Trifluorotoluene #2 (S)
3.958min 10.134 ug/L
response 26826

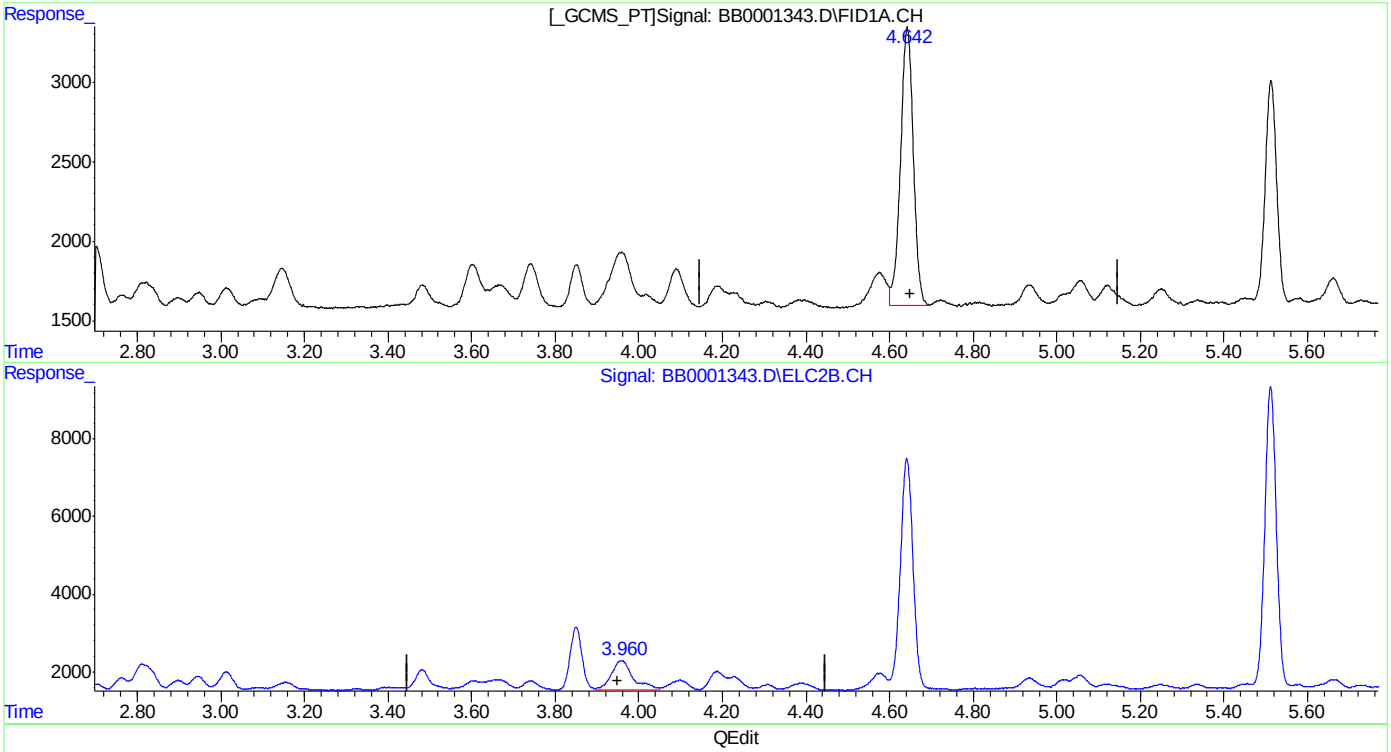
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:33:00 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001343.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 10:44:05
Operator : anthonyt
Sample : ic78-100
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 3 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:32:55 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:32:36 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 10.072 ug/L m
response 37351

(1) aaa-Trifluorotoluene #2 (S)
3.958min 10.134 ug/L
response 26826

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:33:21 2010

ACCUTEST LABORATORIES T59309

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic80-200 (Sig #1); ic78-200 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:27:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.959	71999	51785	19.462m	19.531	
3) S	4-Bromofl...	8.155	0.000	62313	0	19.436m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	564588	2685114	201.444	198.536	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

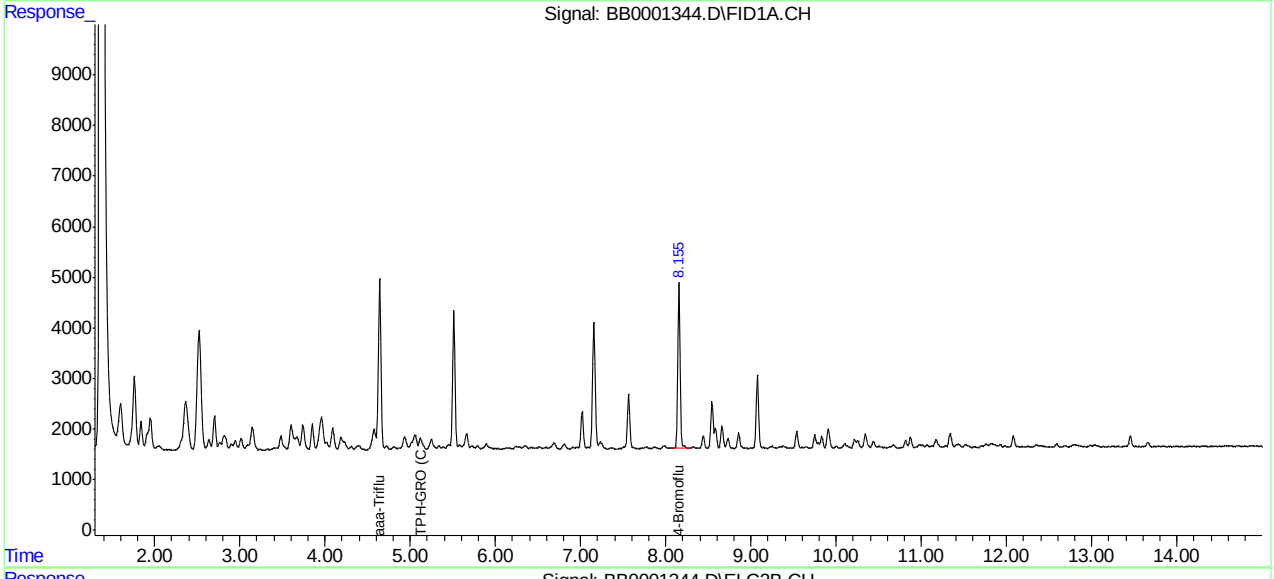
10.5.3 10

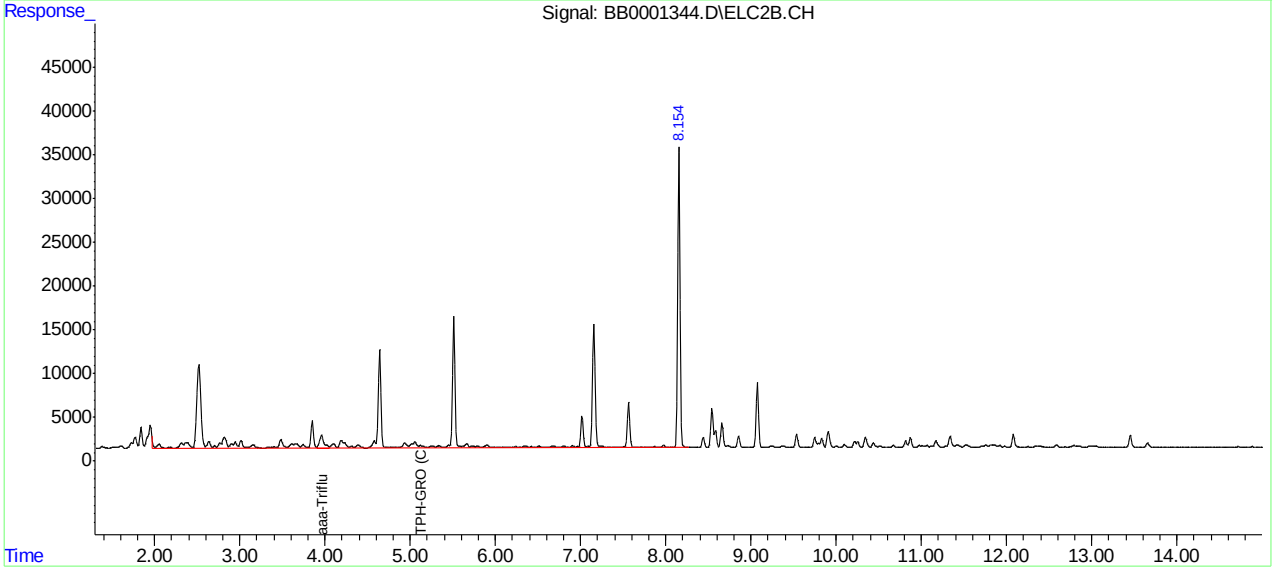
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic80-200 (Sig #1); ic78-200 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:27:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



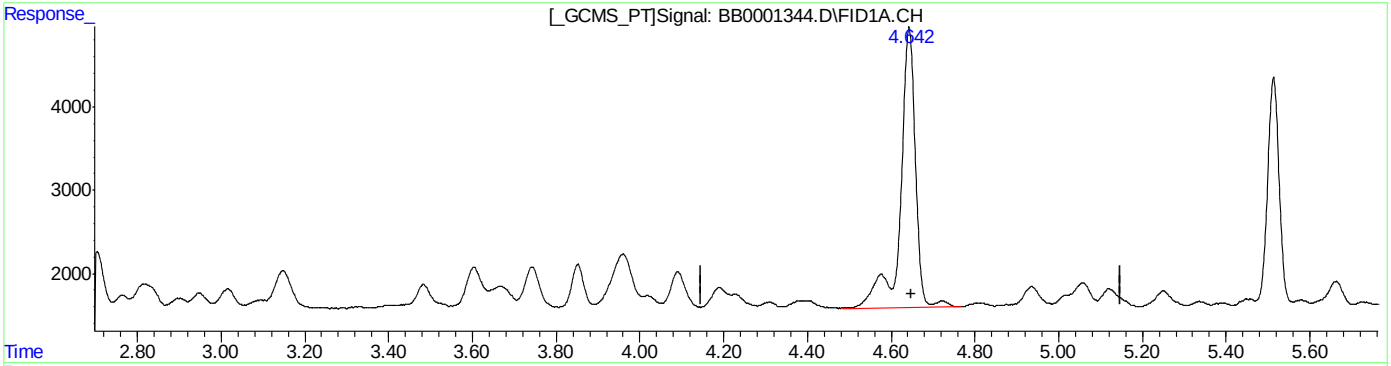


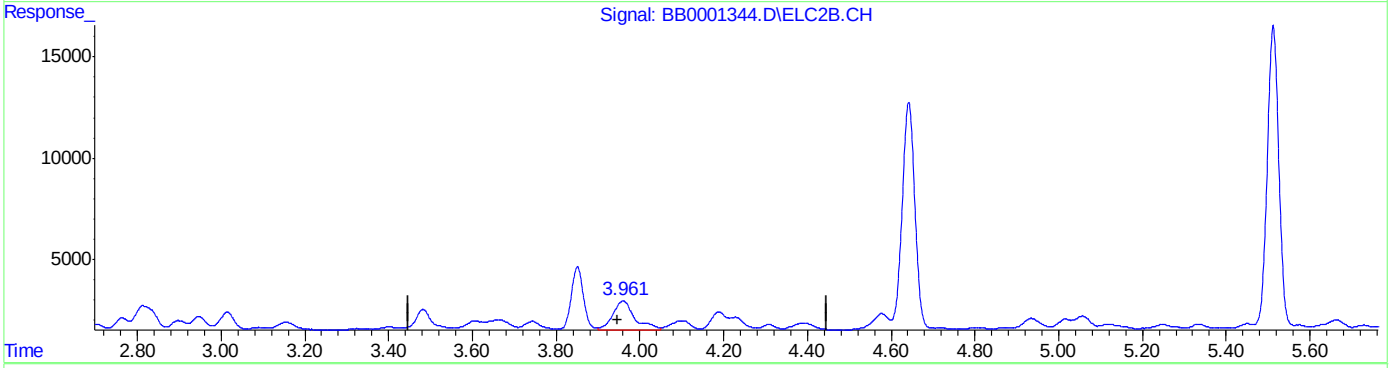
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic78-200
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:26:28 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





QEdit

(1) aaa-Trifluorotoluene (S)
4.643min 22.946 ug/L
response 84890

(1) aaa-Trifluorotoluene #2 (S)
3.959min 19.531 ug/L
response 51785

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:26:33 2010

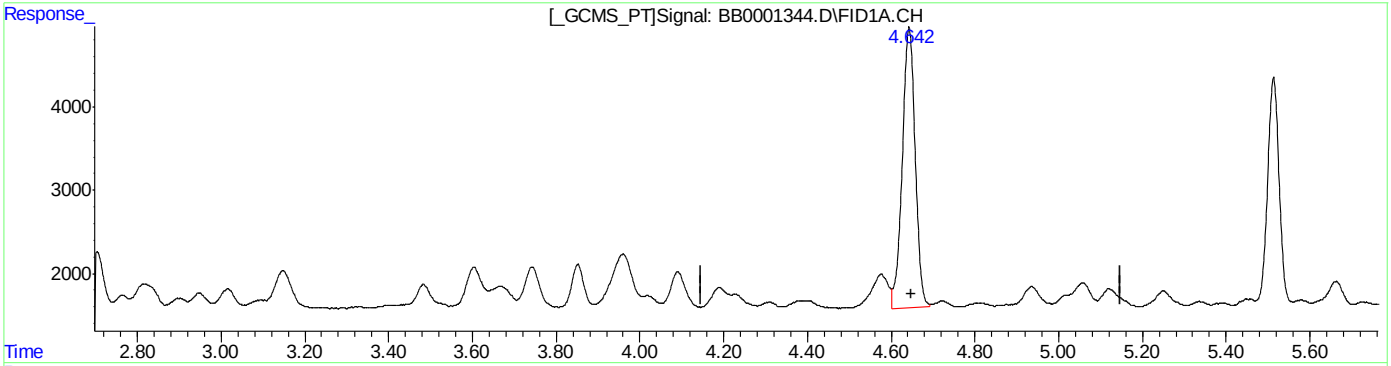
ACCUTEST LABORATORIES T59309

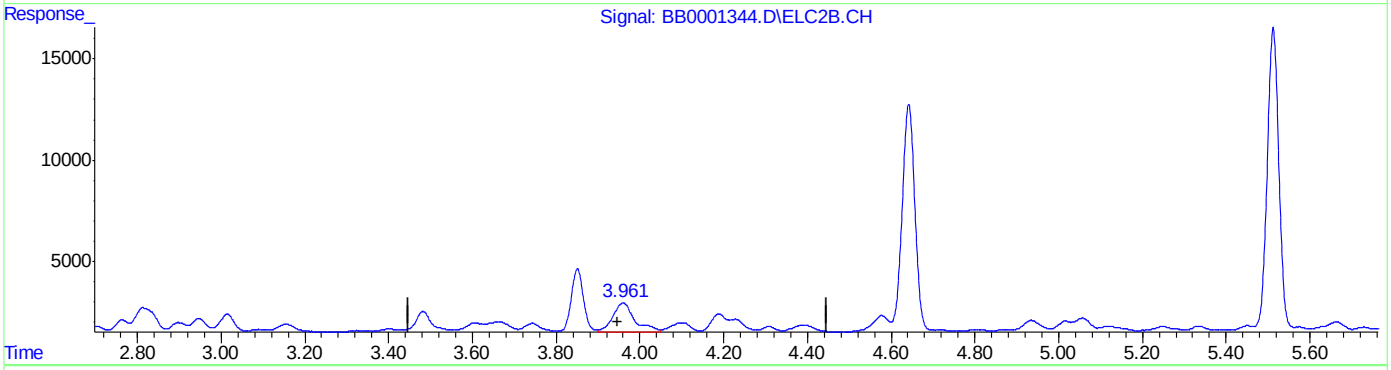
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic78-200
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:26:28 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 19.462 ug/L m
response 71999

(1) aaa-Trifluorotoluene #2 (S)
3.959min 19.531 ug/L
response 51785

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:27:01 2010

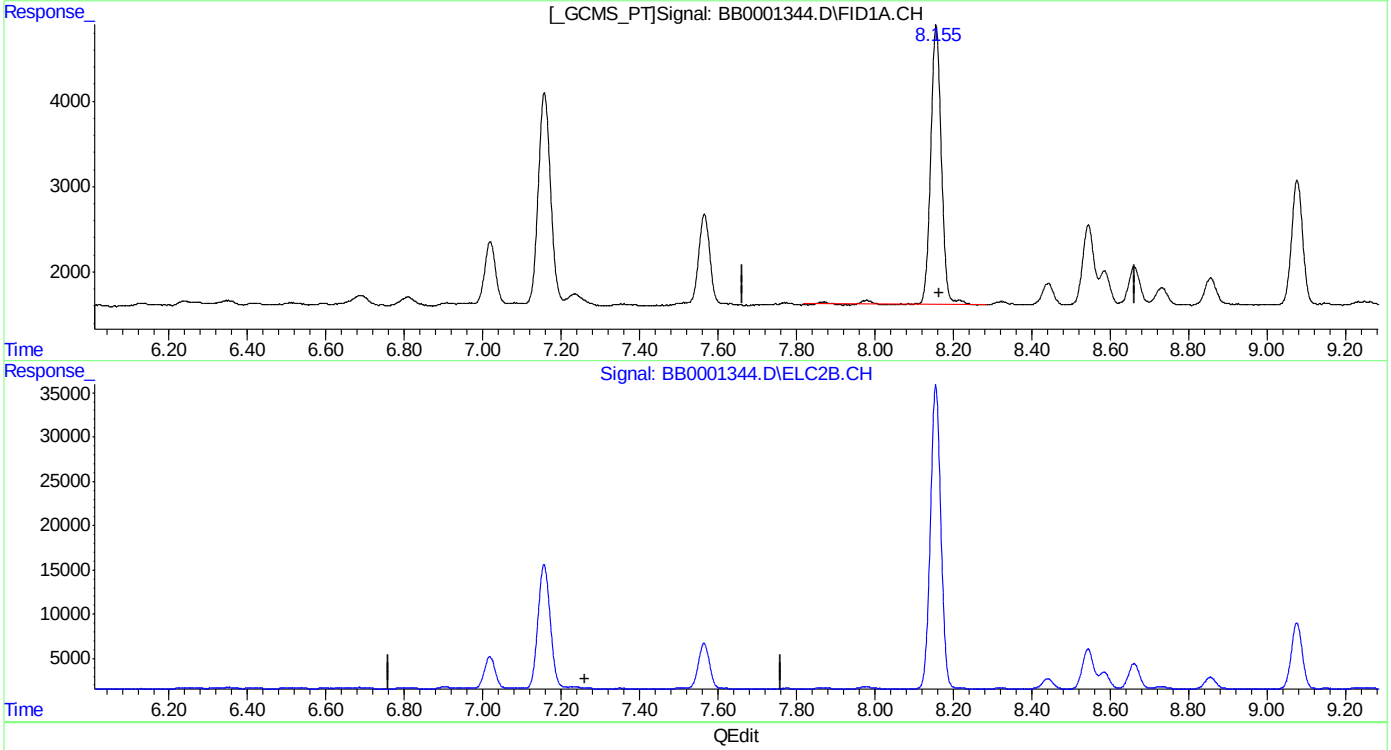
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic78-200
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:26:28 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.156min 19.425 ug/L
response 62277

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

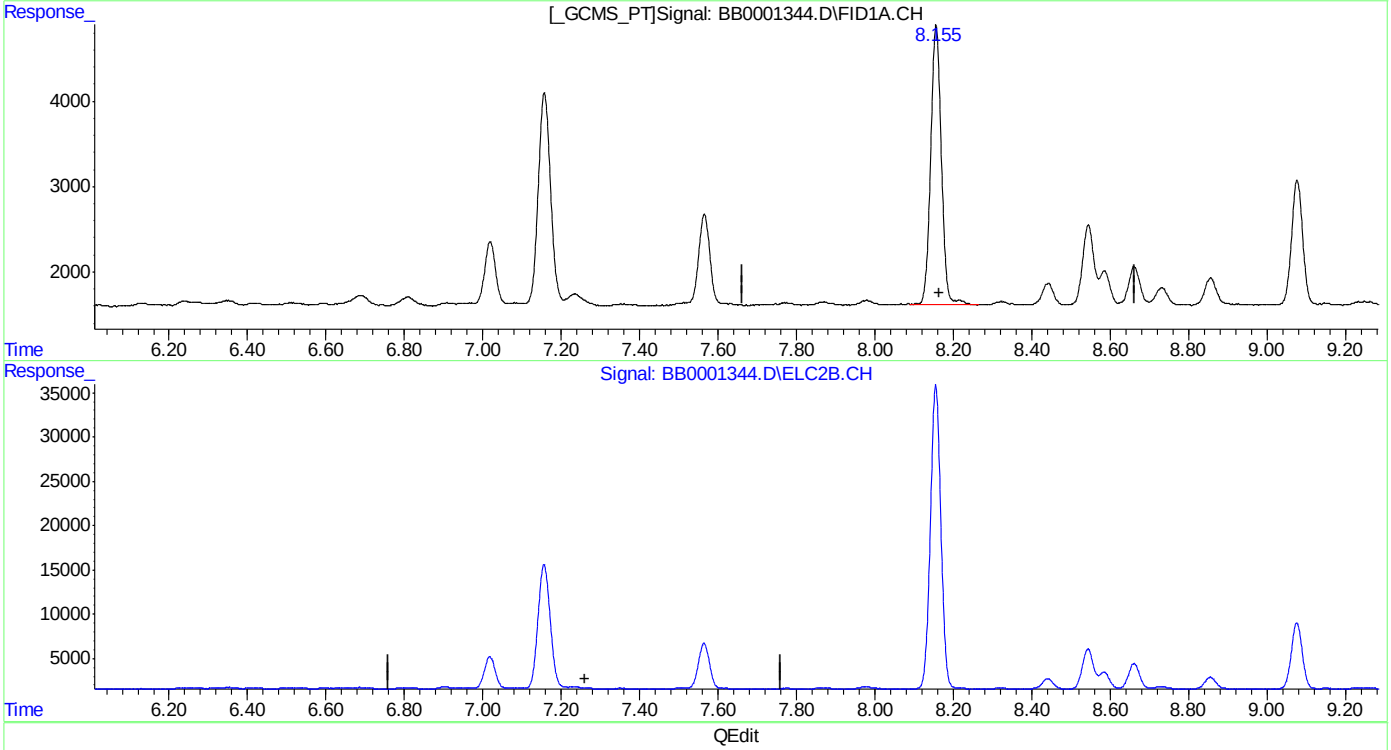
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:27:09 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001344.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:07:13
Operator : anthonyt
Sample : ic78-200
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:26:28 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:25:54 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 19.436 ug/L m
response 62313

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:27:31 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc80-400 (Sig #1); icc78-400 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:04:14 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.639	3.956	147983	106059	39.737m	40.961	
3) S	4-Bromofl...	8.156	0.000	128239	0	40.897	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1304973	5409831	430.613	404.680	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

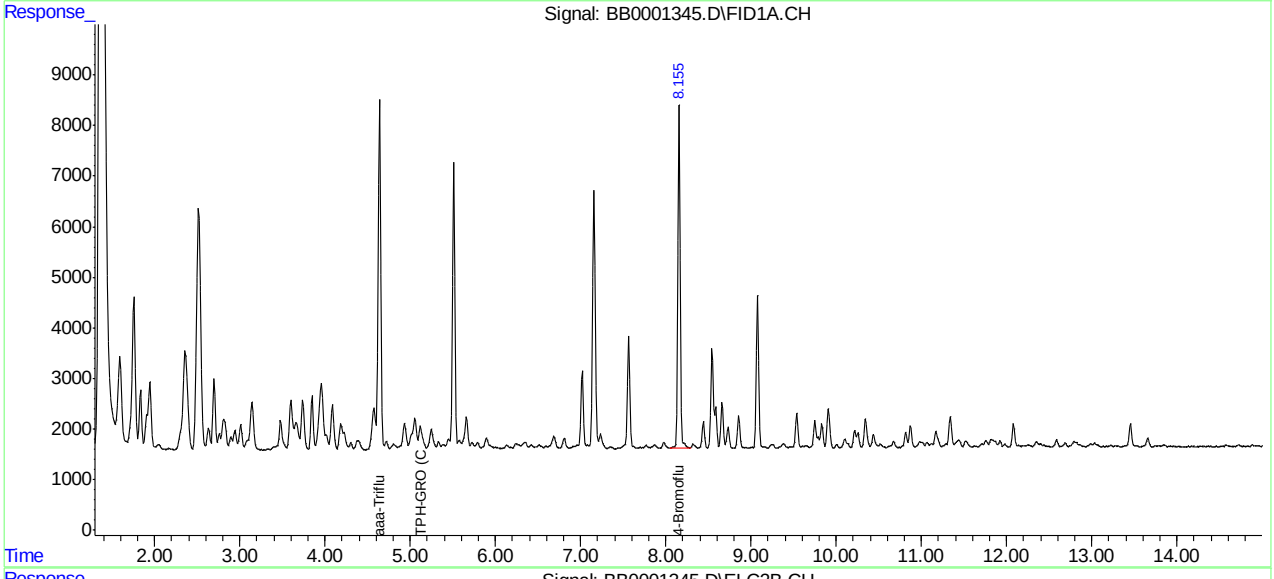
10.5.4 10

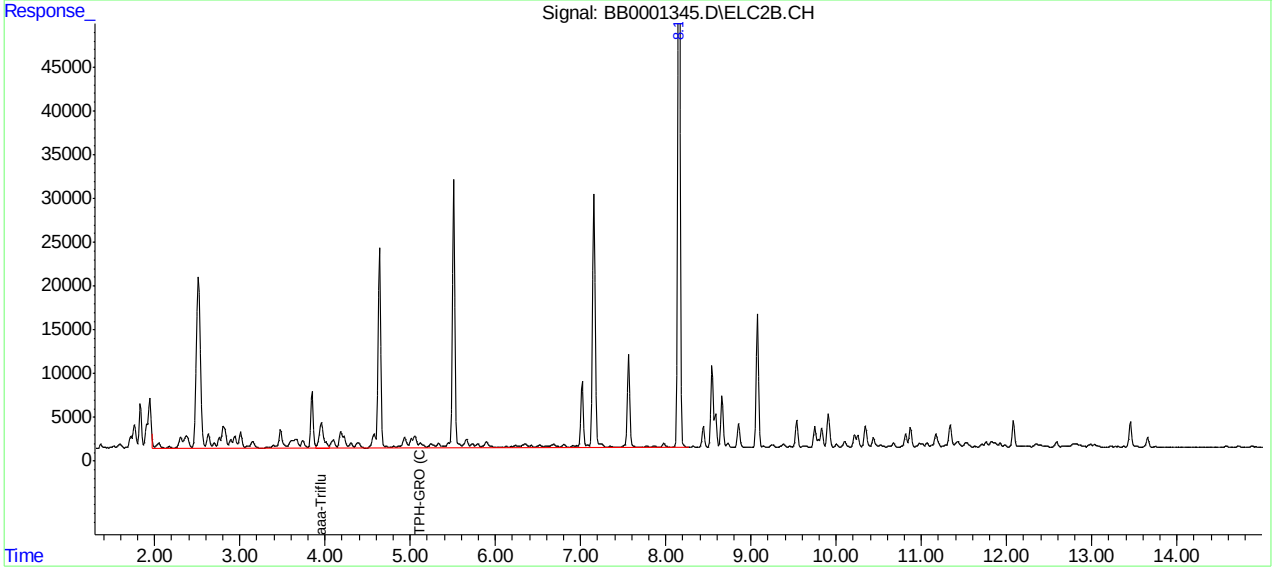
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc80-400 (Sig #1); icc78-400 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:04:14 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





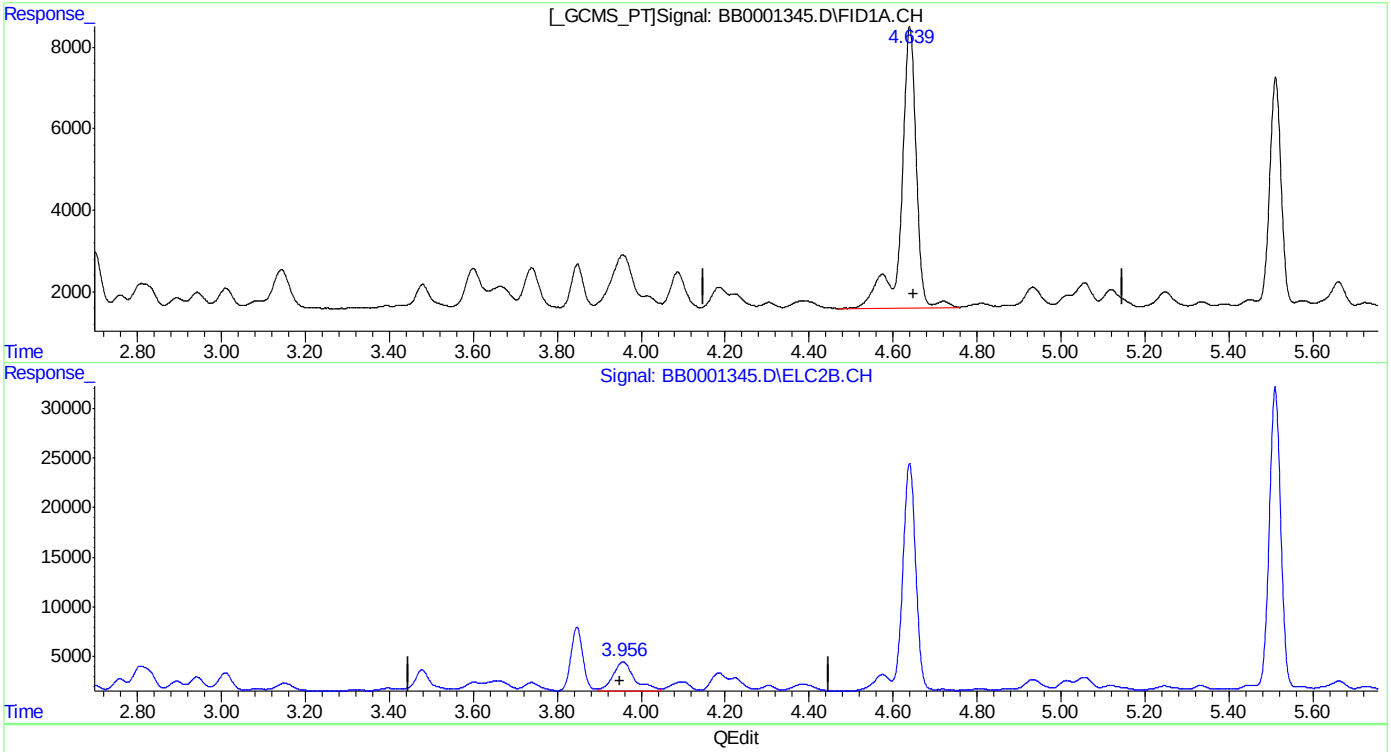
BB78.m Wed Aug 18 14:51:36 2010 Page: 2

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:17:24 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:17:11 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.640min 0.000 ug/L
response 173888

(1) aaa-Trifluorotoluene #2 (S)
3.956min 0.000 ug/L
response 106059

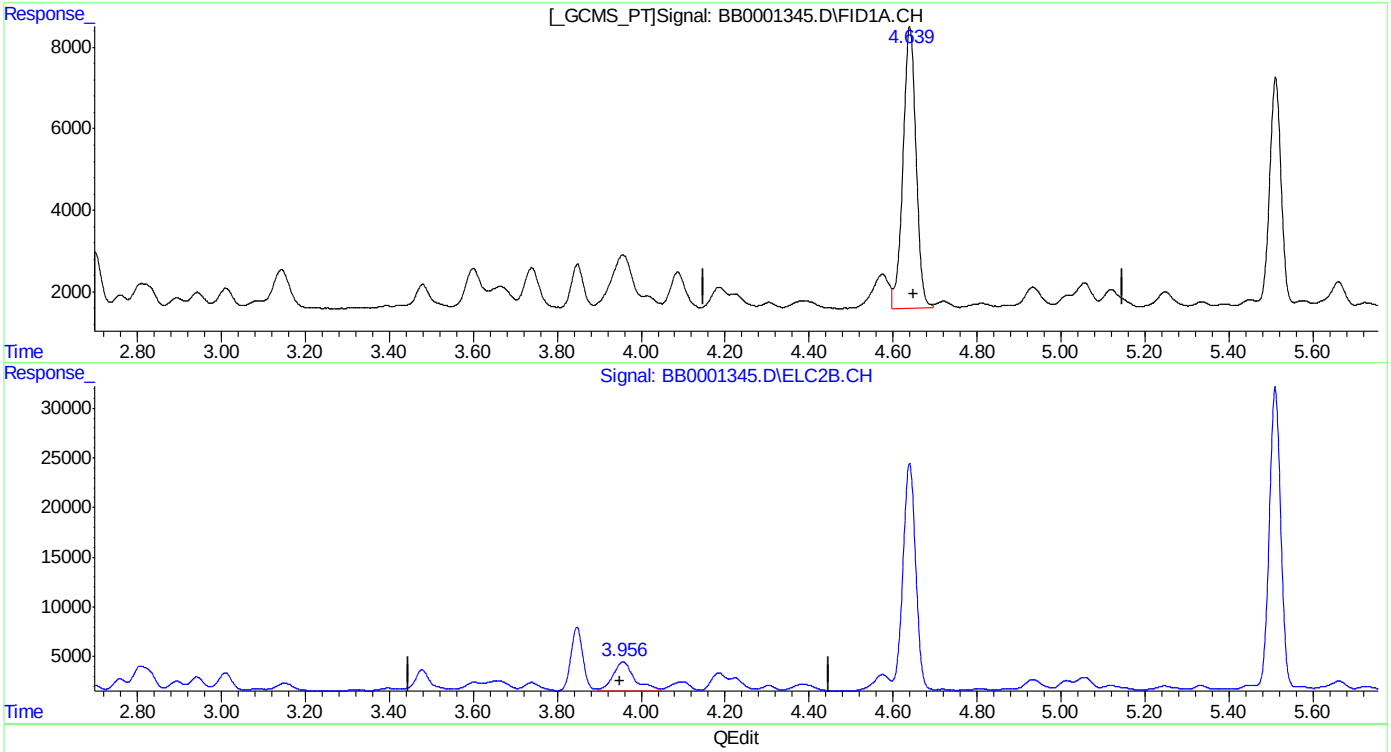
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:17:33 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:17:24 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:17:11 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.639min 0.000 ug/L m
response 147983

(1) aaa-Trifluorotoluene #2 (S)
3.956min 0.000 ug/L
response 106059

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:17:50 2010

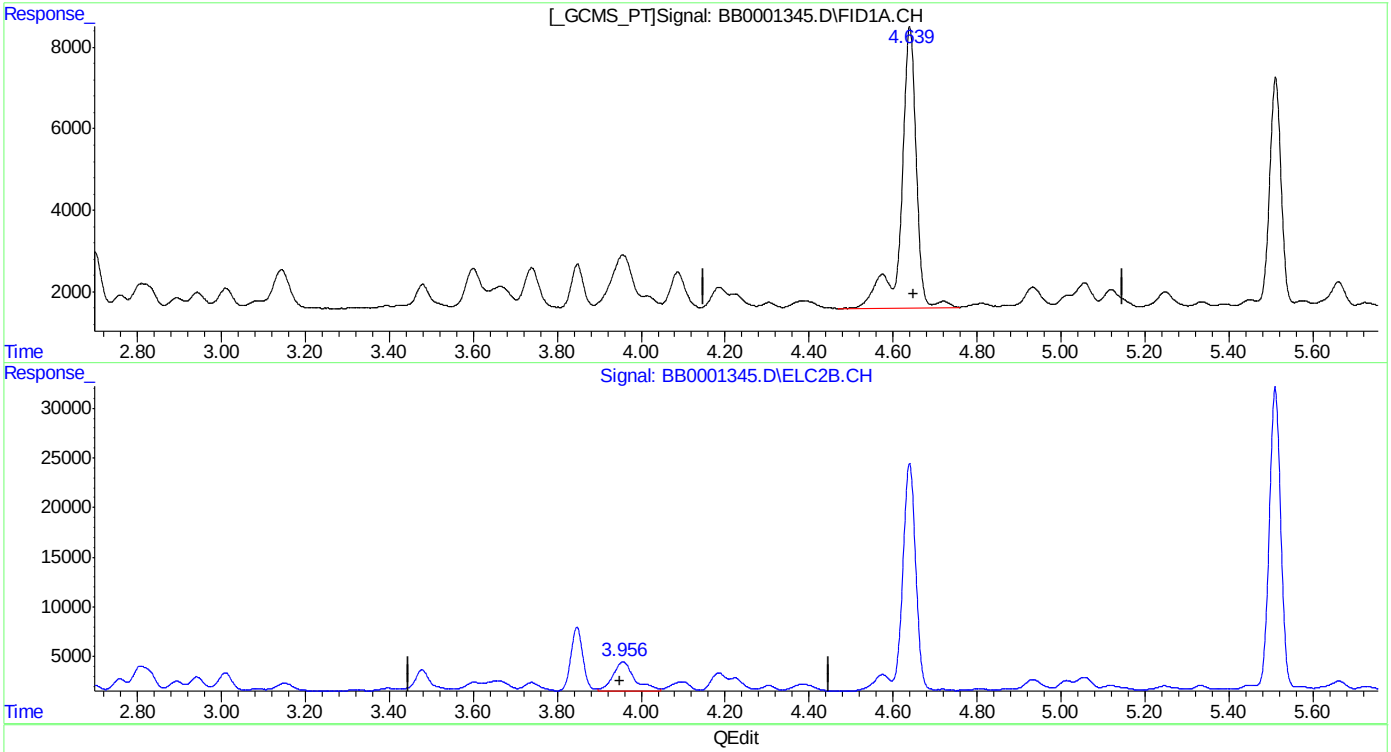
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:44:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:42:24 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 47.883 ug/L
response 173888

(1) aaa-Trifluorotoluene #2 (S)
3.956min 40.961 ug/L
response 106059

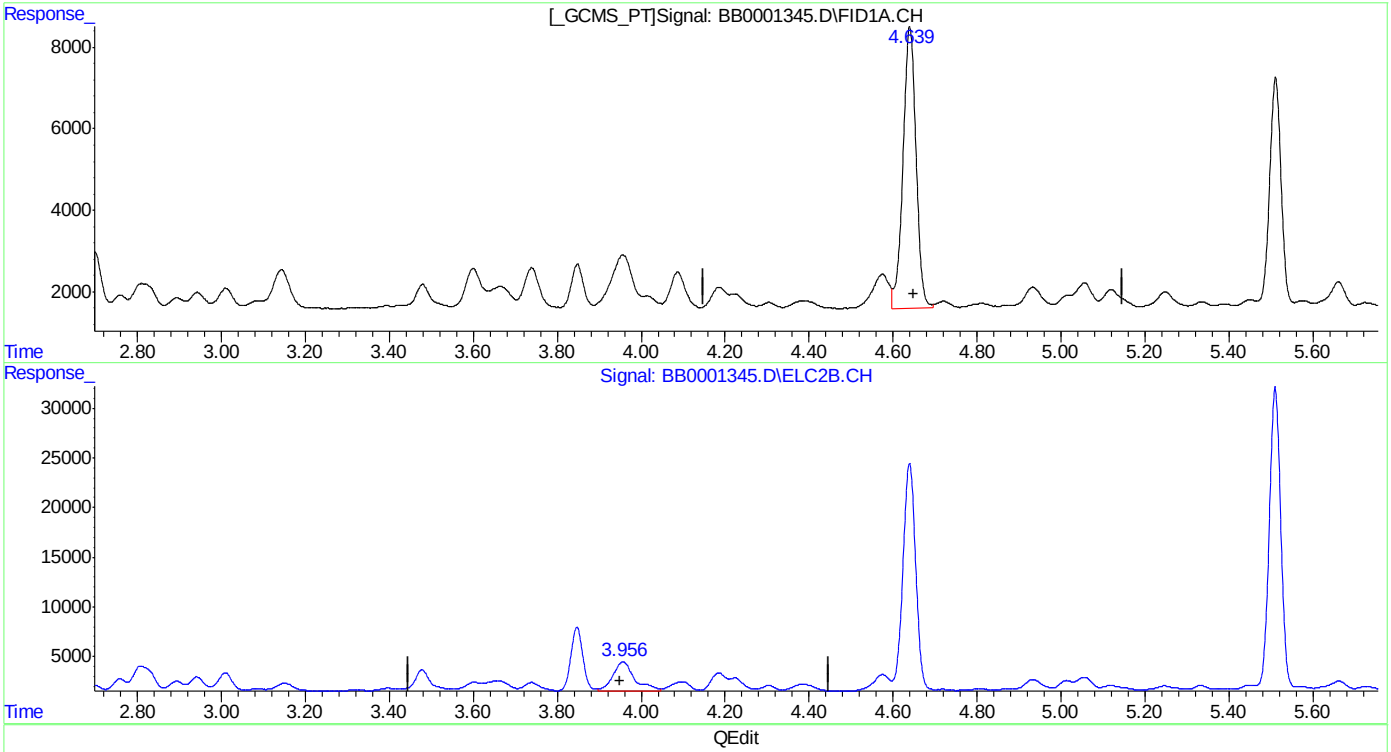
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:44:15 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:44:10 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:42:24 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.639min 40.749 ug/L m
response 147983

(1) aaa-Trifluorotoluene #2 (S)
3.956min 40.961 ug/L
response 106059

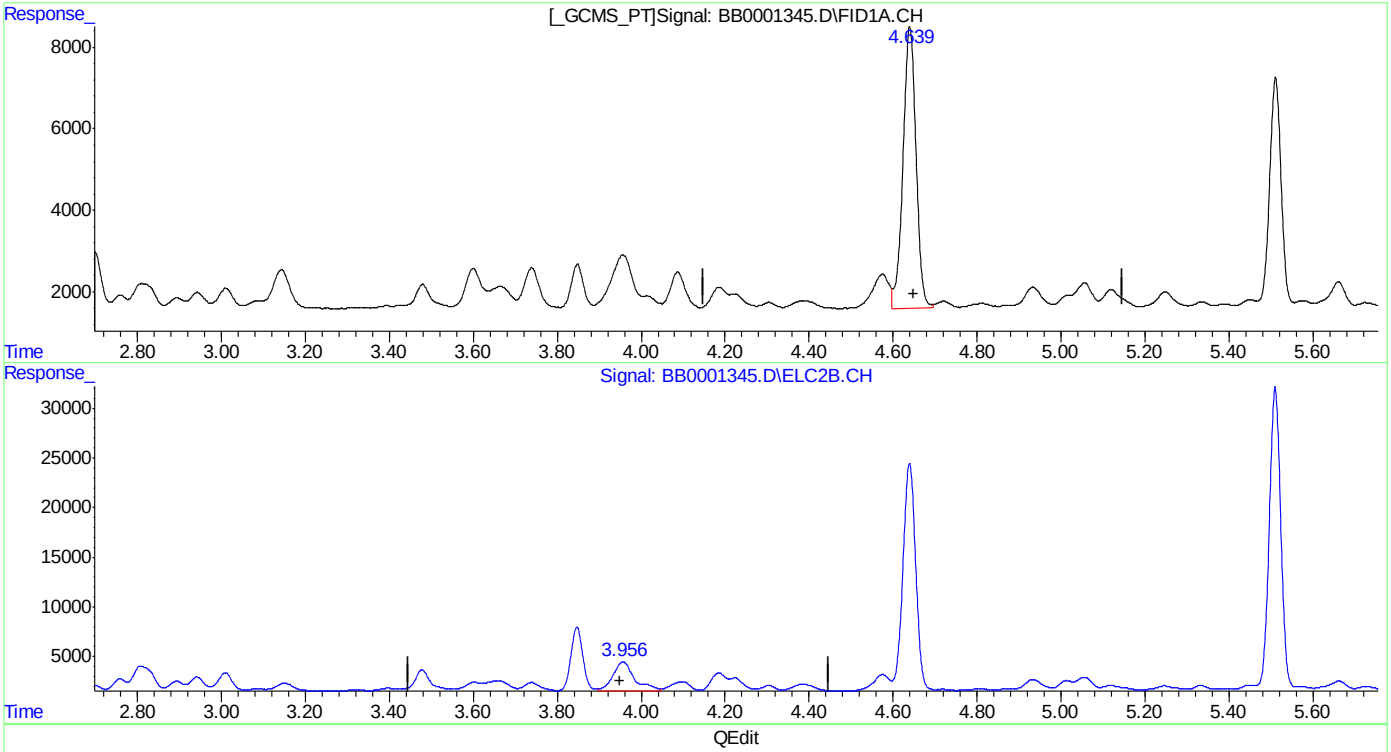
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:44:32 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:02:32 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.639min 39.737 ug/L m
response 147983

(1) aaa-Trifluorotoluene #2 (S)
3.956min 40.961 ug/L
response 106059

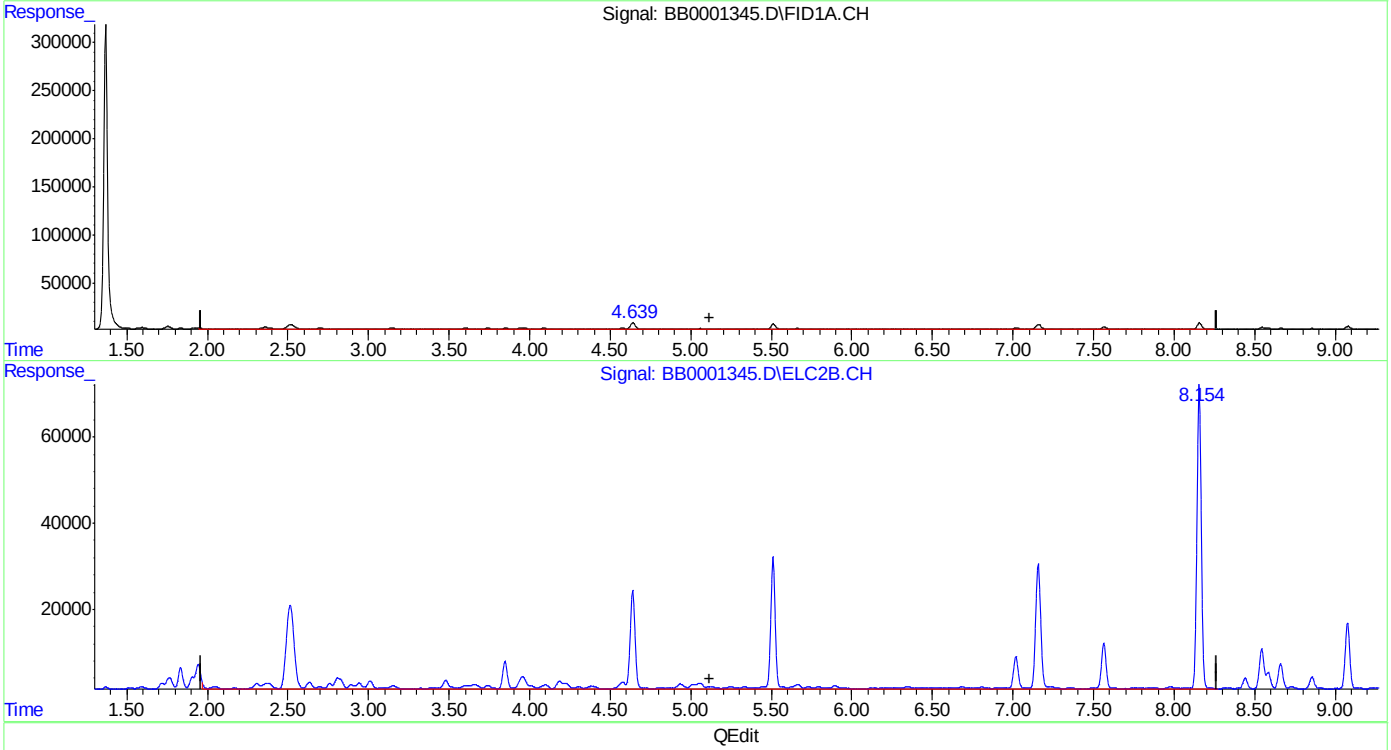
(+) = Expected Retention Time
BB78.m Tue Aug 17 15:04:16 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001345.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:30:23
Operator : anthonyt
Sample : icc78-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 5 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:02:32 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 430.613 ug/L m
response 1304973

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 404.680 ug/L m
response 5409831

(+) = Expected Retention Time
BB78.m Tue Aug 17 15:04:23 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic80-800 (Sig #1); ic78-800 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:52:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.641	3.958	306037	216081	83.851m	82.462	
3) S	4-Bromofl...	8.155	0.000	253072	0	80.065m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	2614150	10742001	929.369	797.176	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

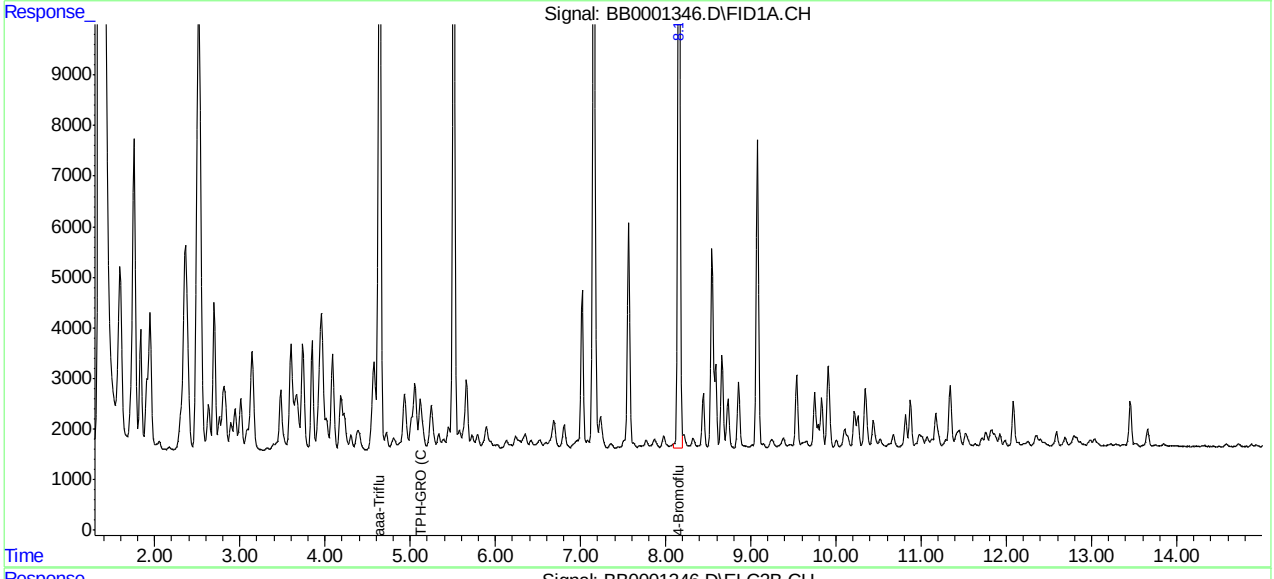
10.5.5 10

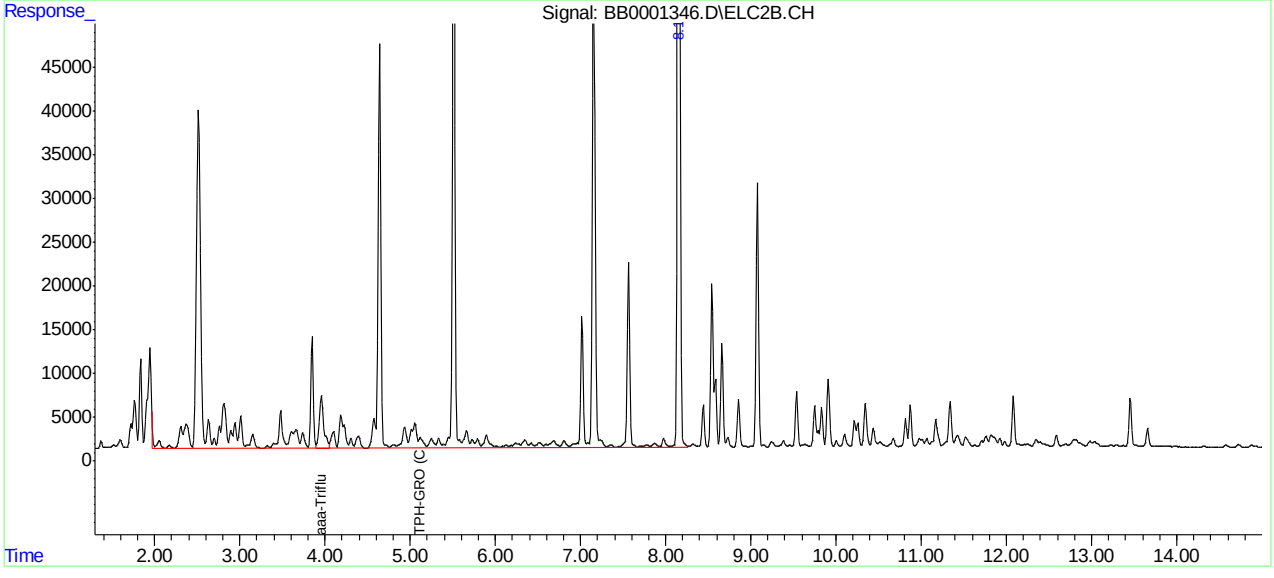
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic80-800 (Sig #1); ic78-800 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:52:45 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



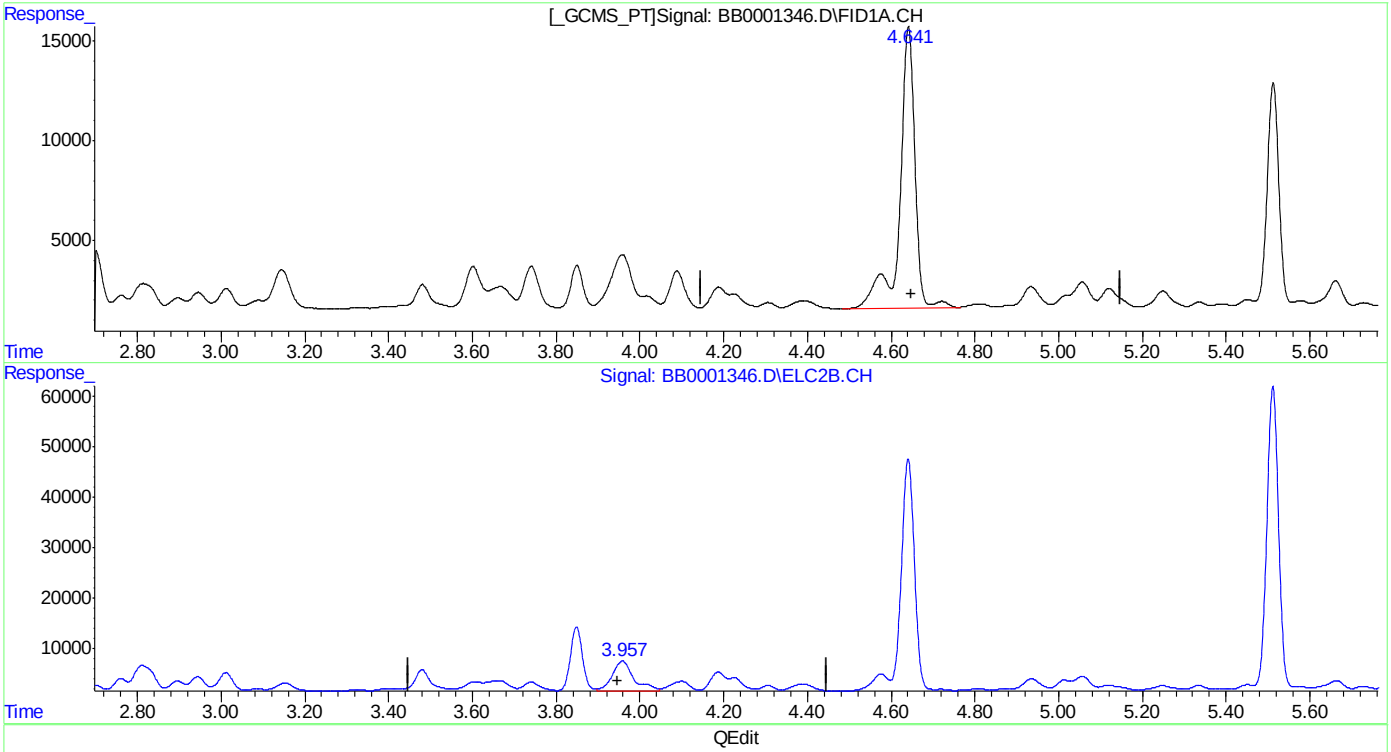


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic78-800
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:28:20 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 98.909 ug/L
response 360993

(1) aaa-Trifluorotoluene #2 (S)
3.958min 82.462 ug/L
response 216081

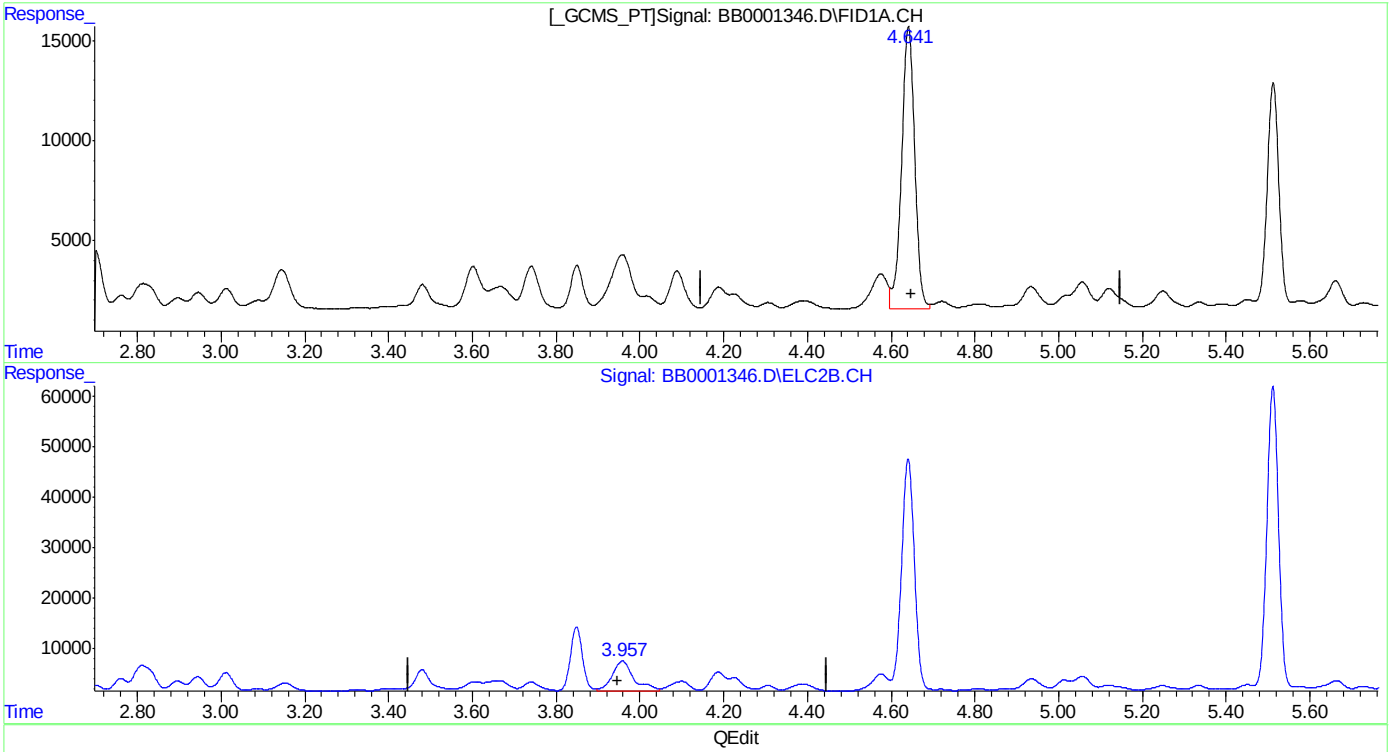
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:28:23 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic78-800
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:28:20 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 83.851 ug/L m
response 306037

(1) aaa-Trifluorotoluene #2 (S)
3.958min 82.462 ug/L
response 216081

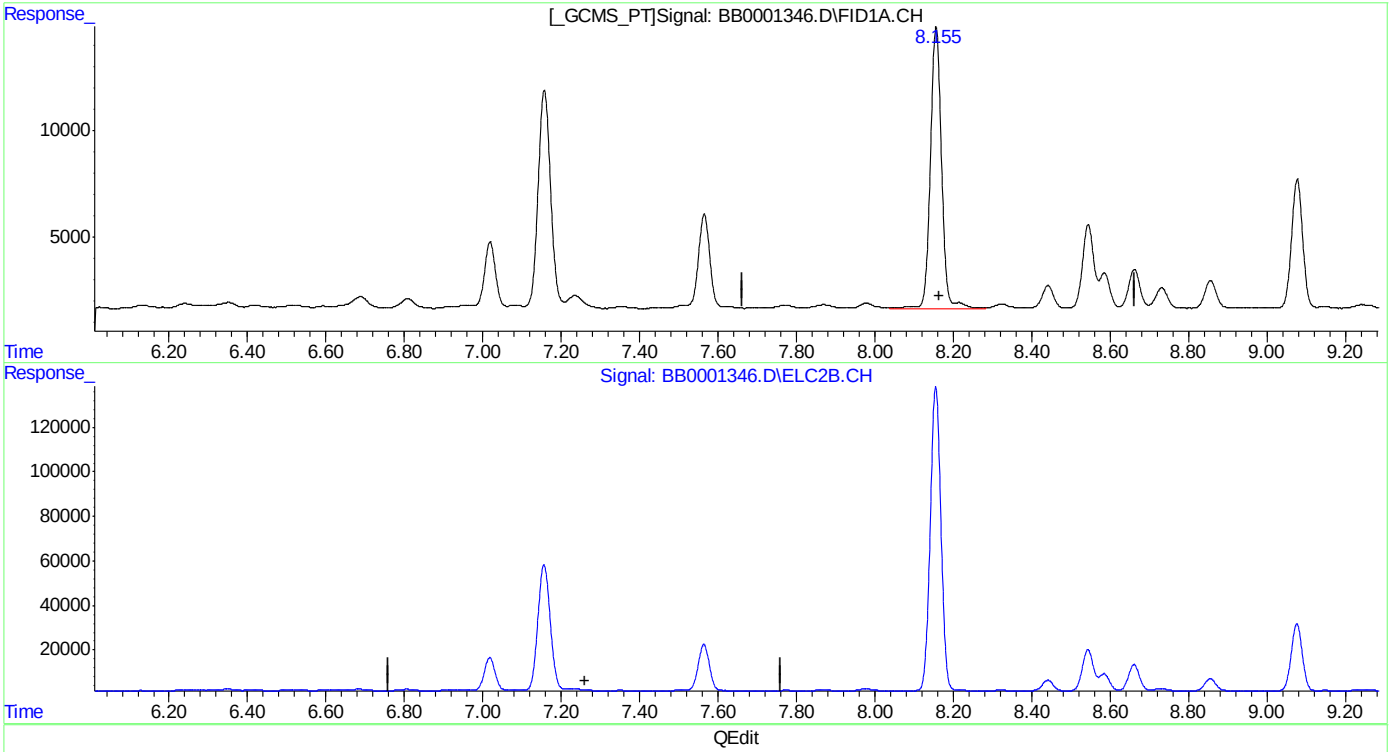
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:28:40 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic78-800
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:28:20 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(3) 4-Bromofluorobenzene (S)
8.156min 82.834 ug/L
response 261824

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

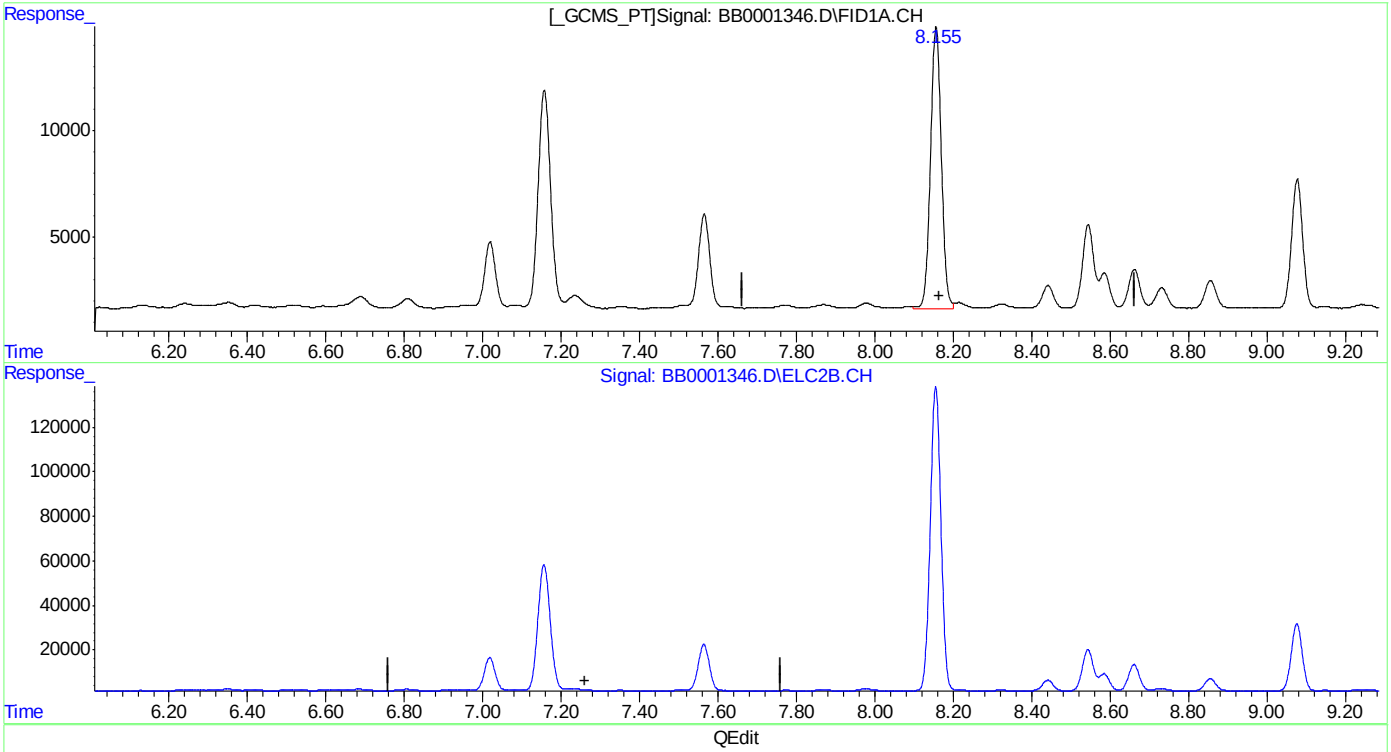
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:31:56 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001346.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 11:53:32
Operator : anthonyt
Sample : ic78-800
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:28:20 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:28:05 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.155min 80.065 ug/L m
response 253072

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:32:06 2010

Manual Integrations APPROVED (compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic80-1000 (Sig #1); ic78-1000 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:53:25 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.959	349598	229523	94.104m	86.414	
3) S	4-Bromofl...	8.156	0.000	317254	0	99.759	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	2803132	12395914	957.554	900.529	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

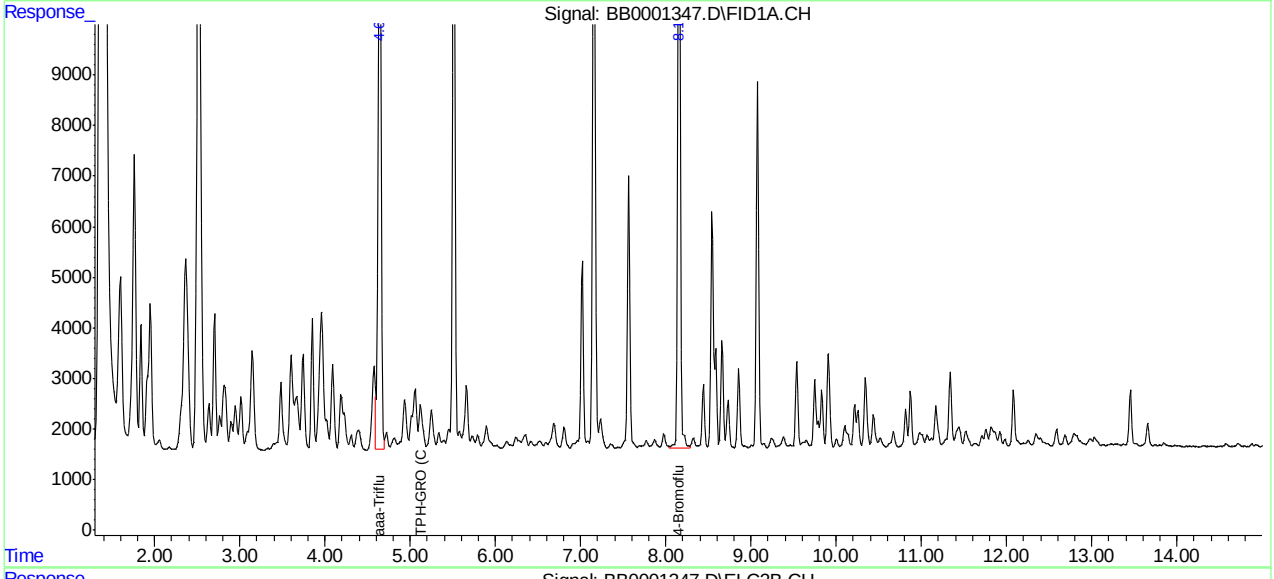
10.5.6 10

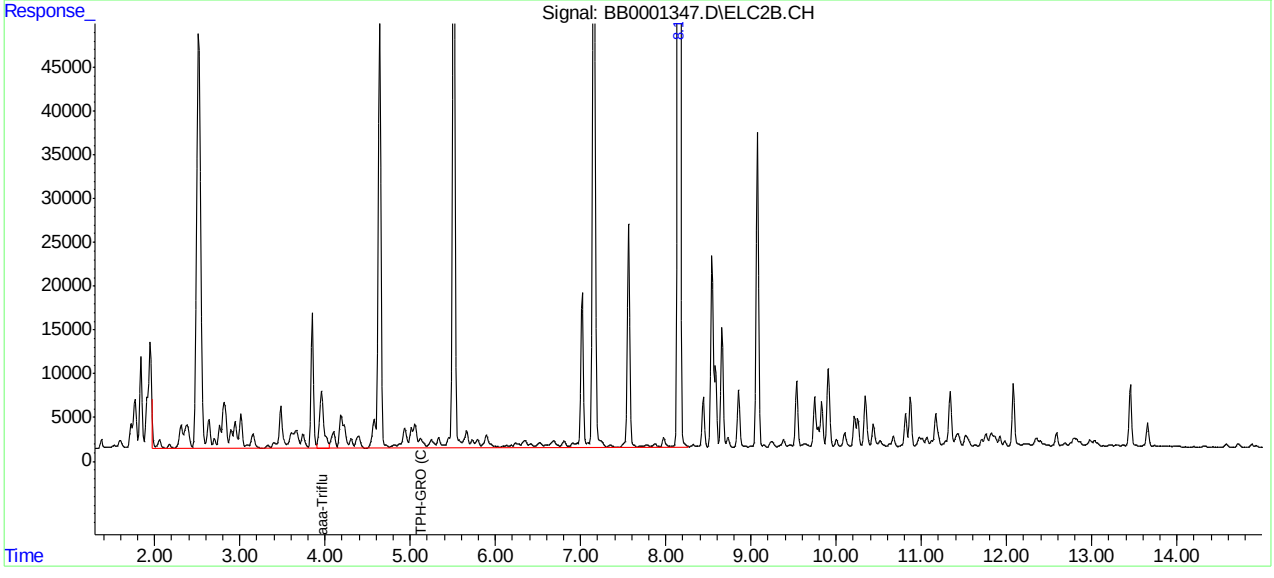
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic80-1000 (Sig #1); ic78-1000 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:53:25 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



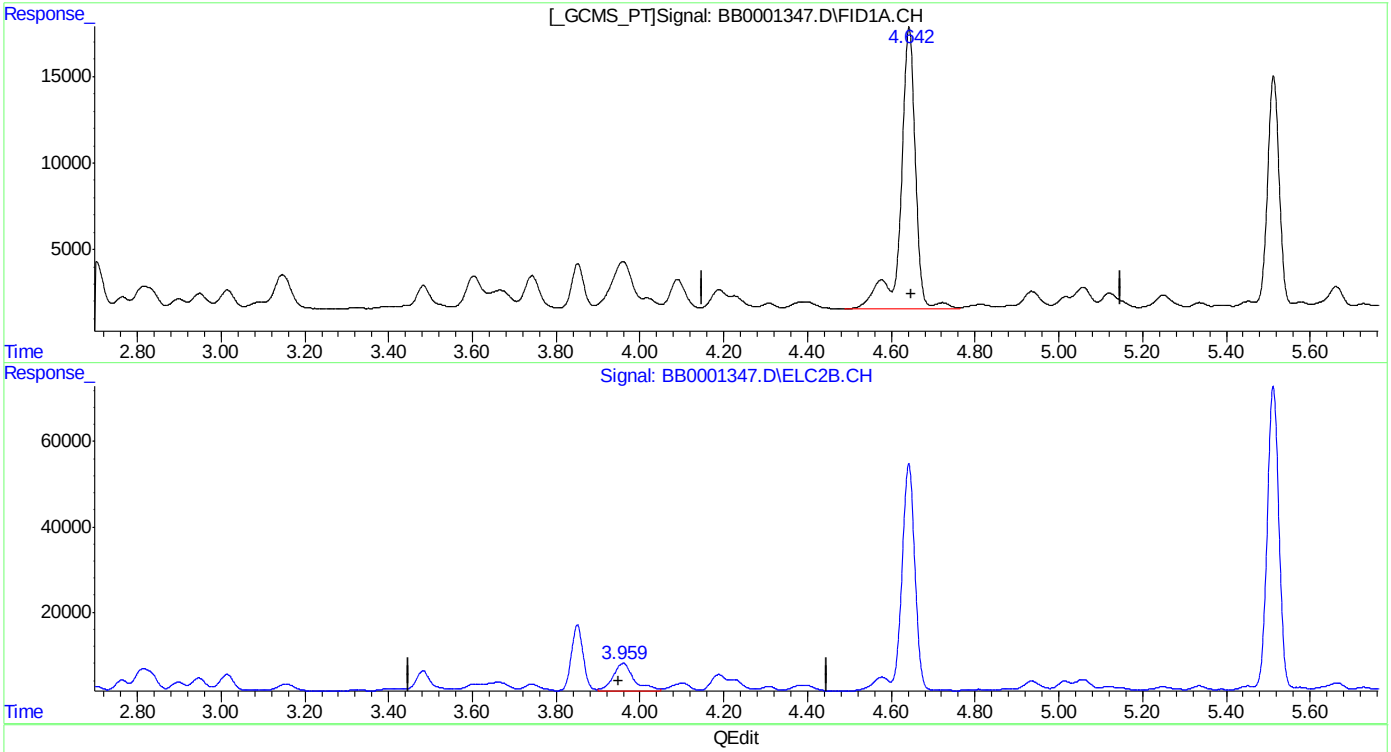


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic78-1000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:34:05 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 108.301 ug/L
response 402342

(1) aaa-Trifluorotoluene #2 (S)
3.959min 86.414 ug/L
response 229523

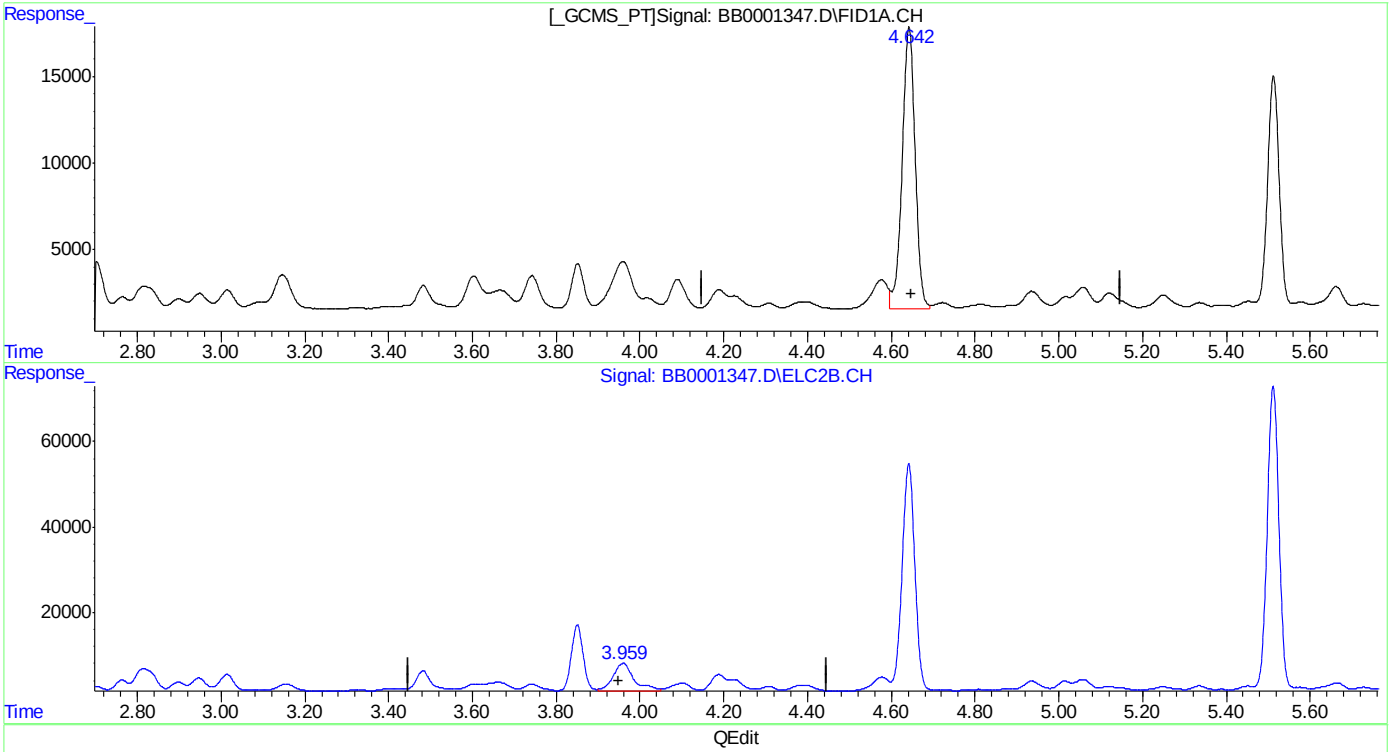
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:34:08 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic78-1000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:34:05 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 94.104 ug/L m
response 349598

(1) aaa-Trifluorotoluene #2 (S)
3.959min 86.414 ug/L
response 229523

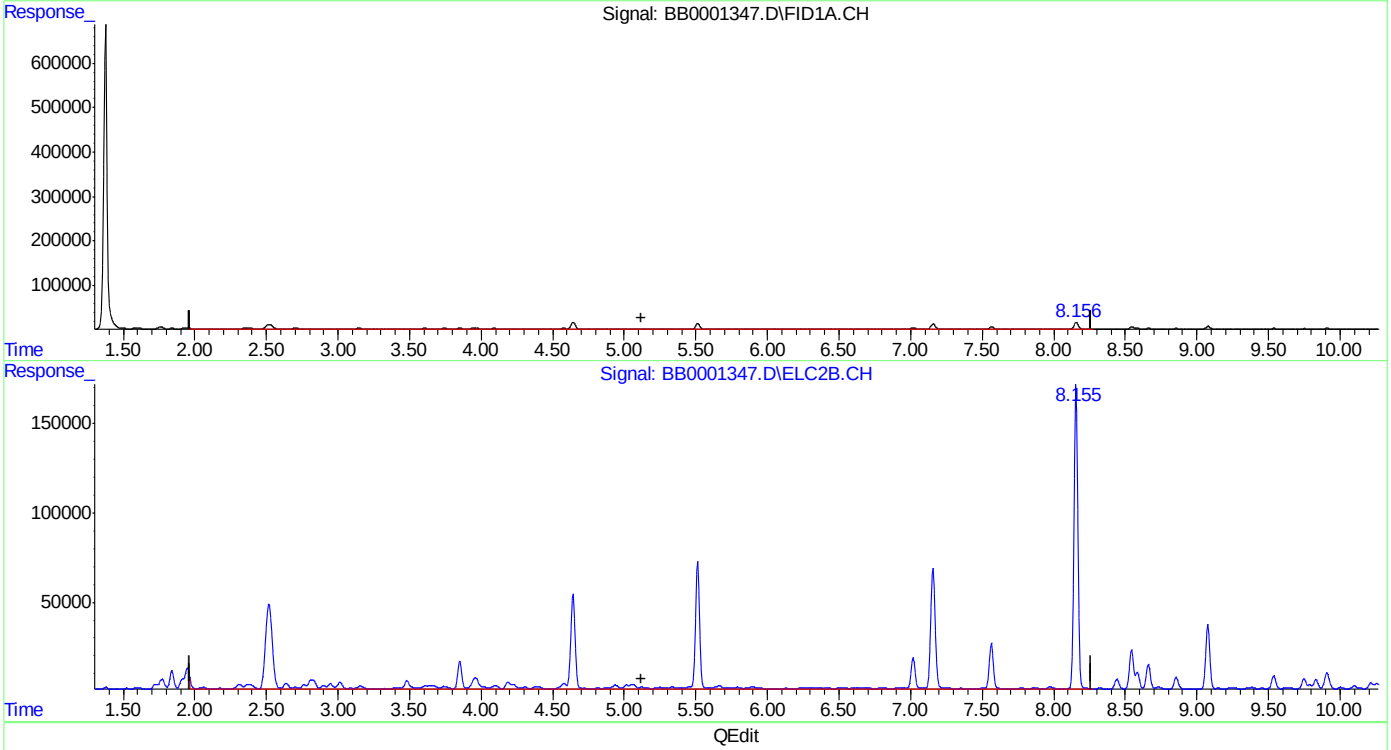
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:34:38 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic78-1000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:34:05 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 815.732 ug/L m
response 2387965

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 900.529 ug/L m
response 12395914

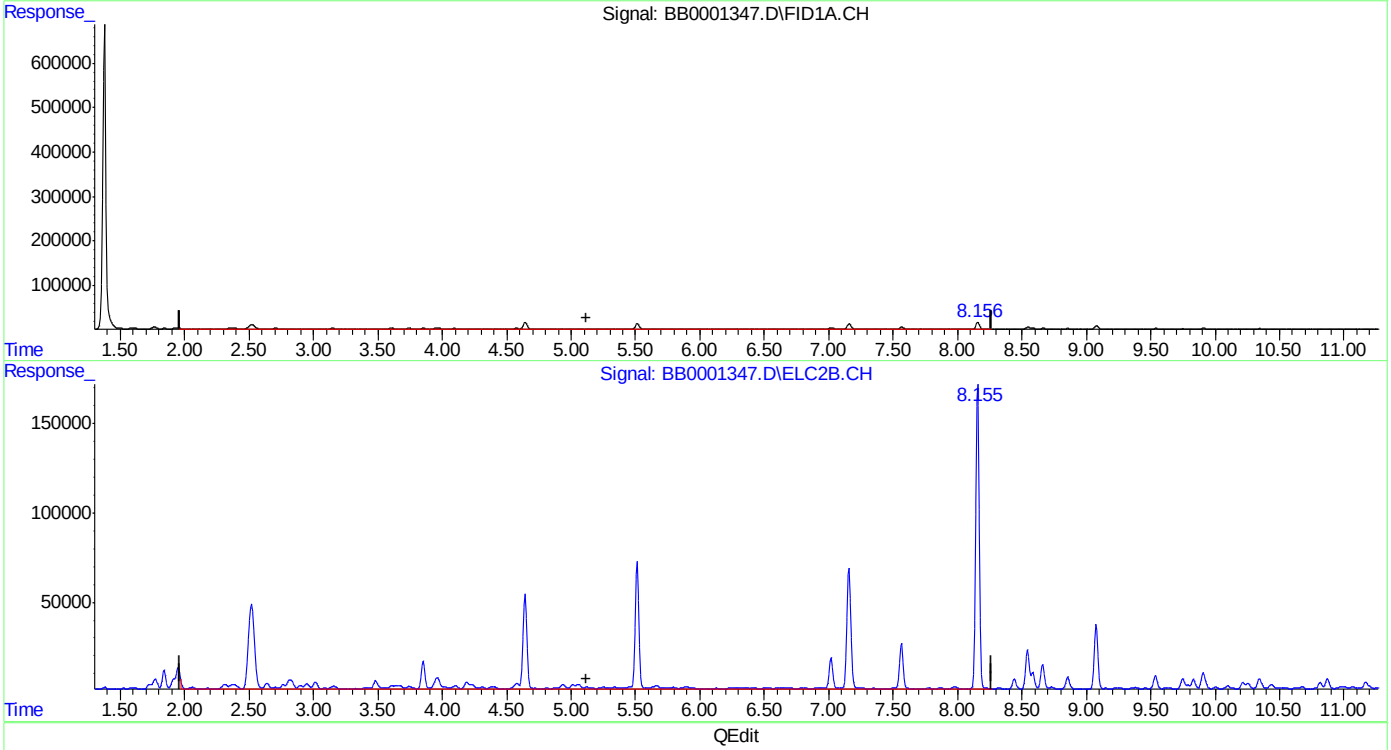
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:35:02 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic78-1000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:34:05 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 917.578 ug/L m
response 2686107

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 900.529 ug/L m
response 12395914

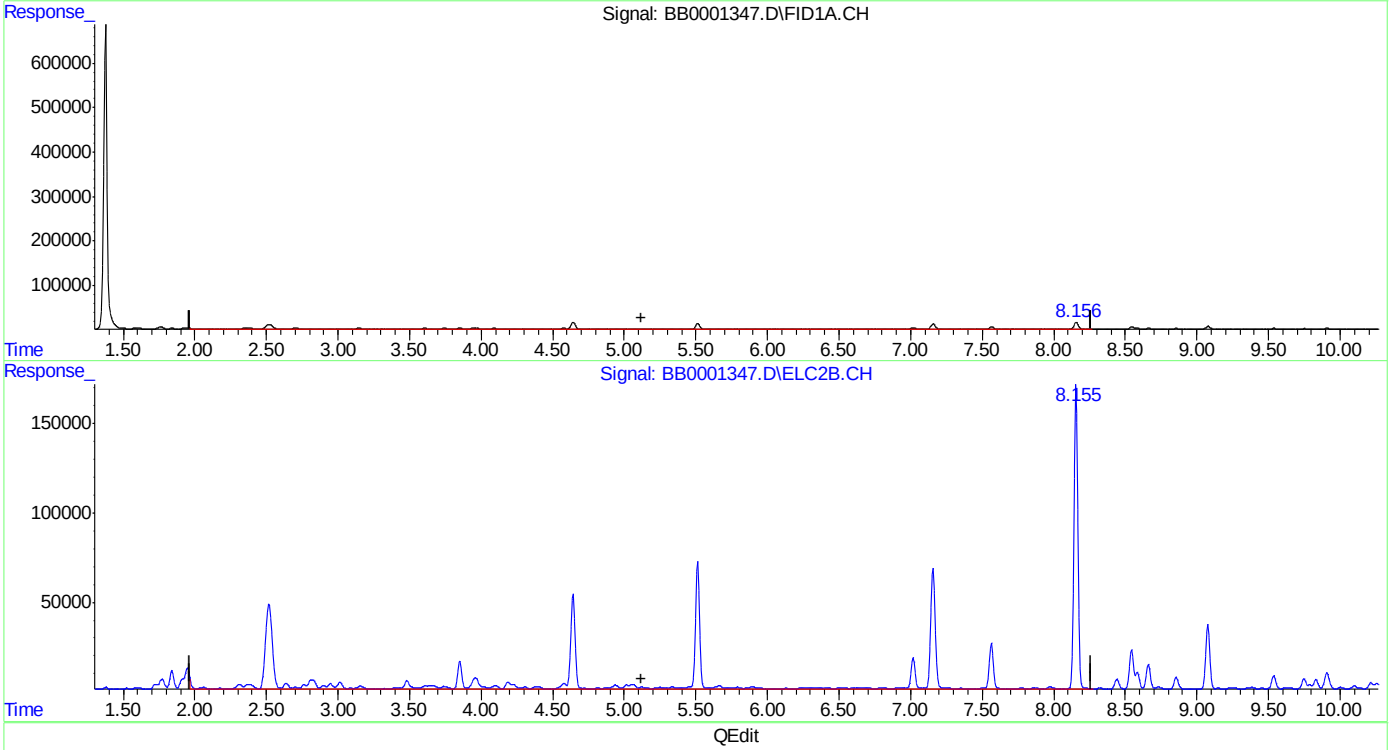
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:35:43 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001347.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:16:41
Operator : anthonyt
Sample : ic78-1000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:35:36 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:33:51 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 944.362 ug/L m
response 2764514

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 900.529 ug/L m
response 12395914

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:38:38 2010

BB0001348.D

Manual Integrations APPROVED (compounds with "m" flag)

Jennifer Laidlaw 08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:39:51
Operator : anthonyt
Sample : ic80-2000 (Sig #1); ic78-2000 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:53:56 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.959	785595	468227	219.310m	177.990	
3) S	4-Bromofl...	8.156	7.351	637203	23246	203.760	NoCal	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	5730003	25082089	1966.296	1857.104	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

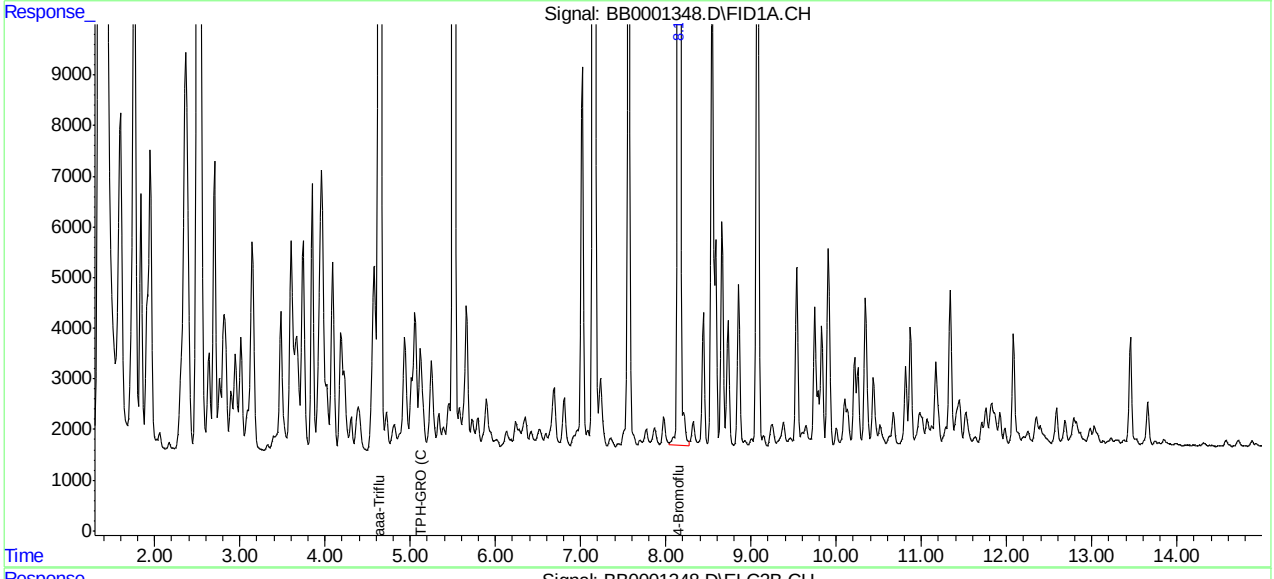
10.5.7 10

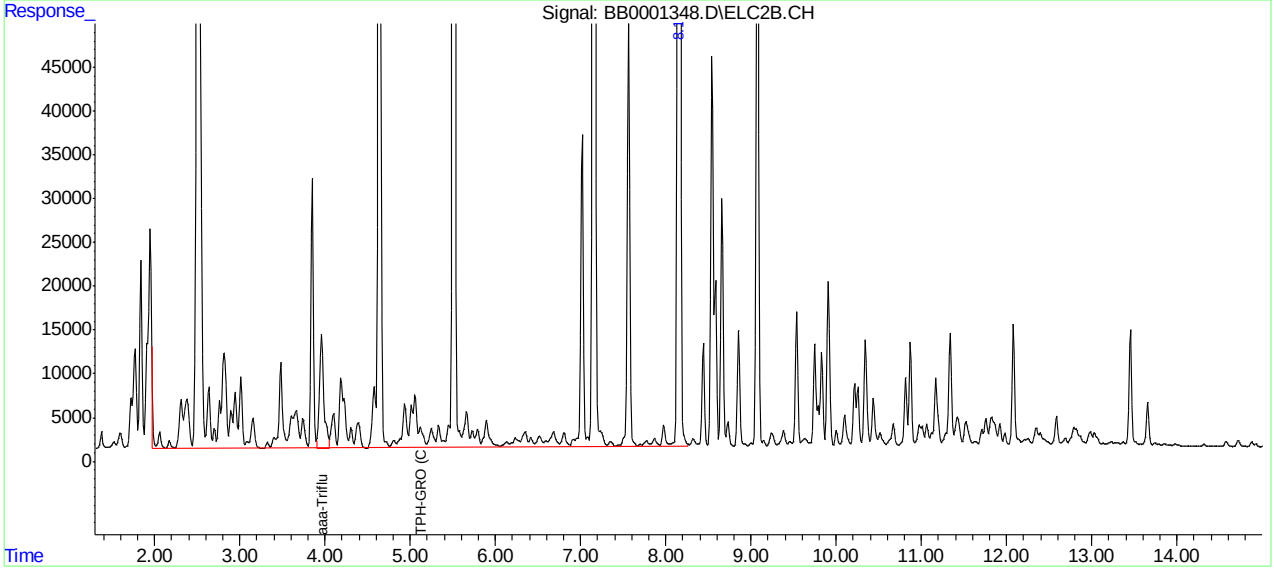
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:39:51
Operator : anthonyt
Sample : ic80-2000 (Sig #1); ic78-2000 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:53:56 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



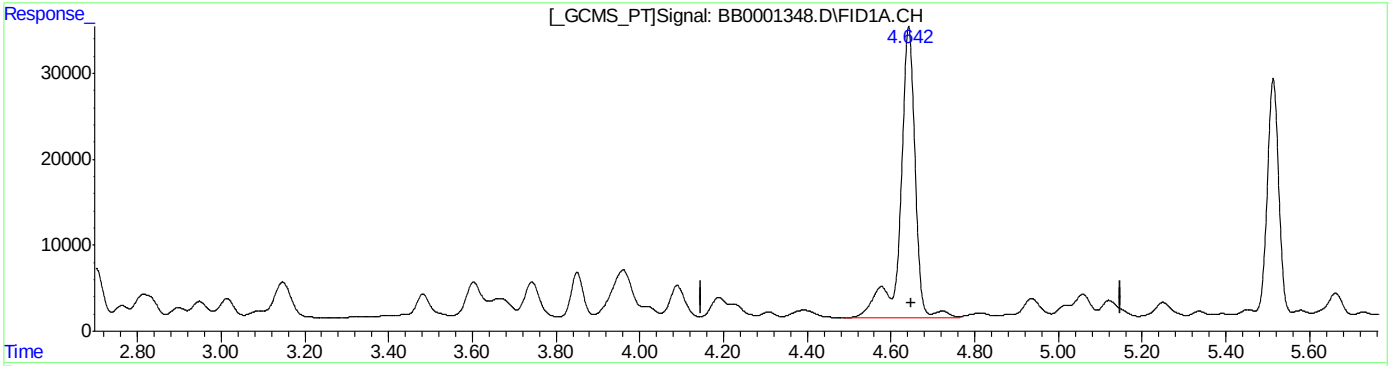


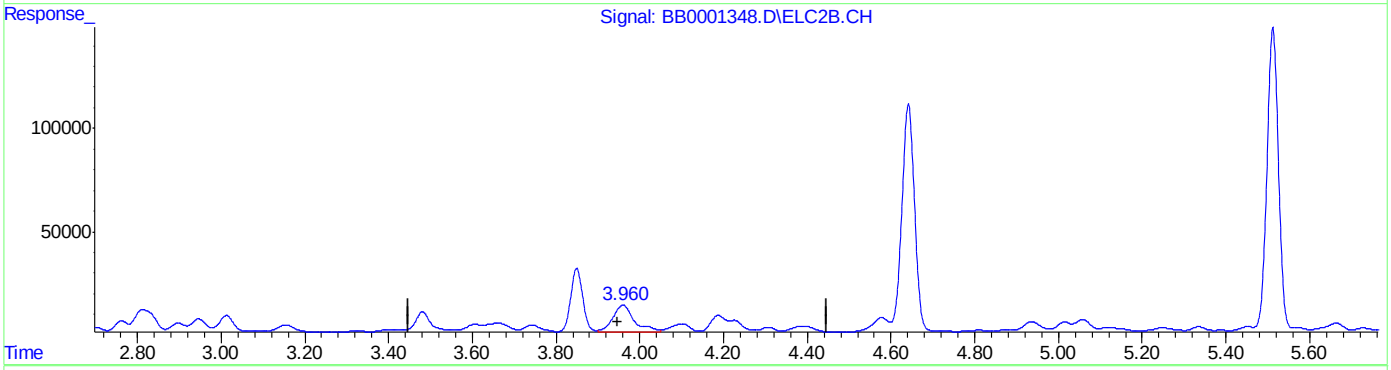
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:39:51
Operator : anthonyt
Sample : ic78-2000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:40:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 234.651 ug/L
response 840550

(1) aaa-Trifluorotoluene #2 (S)
3.959min 177.990 ug/L
response 468227

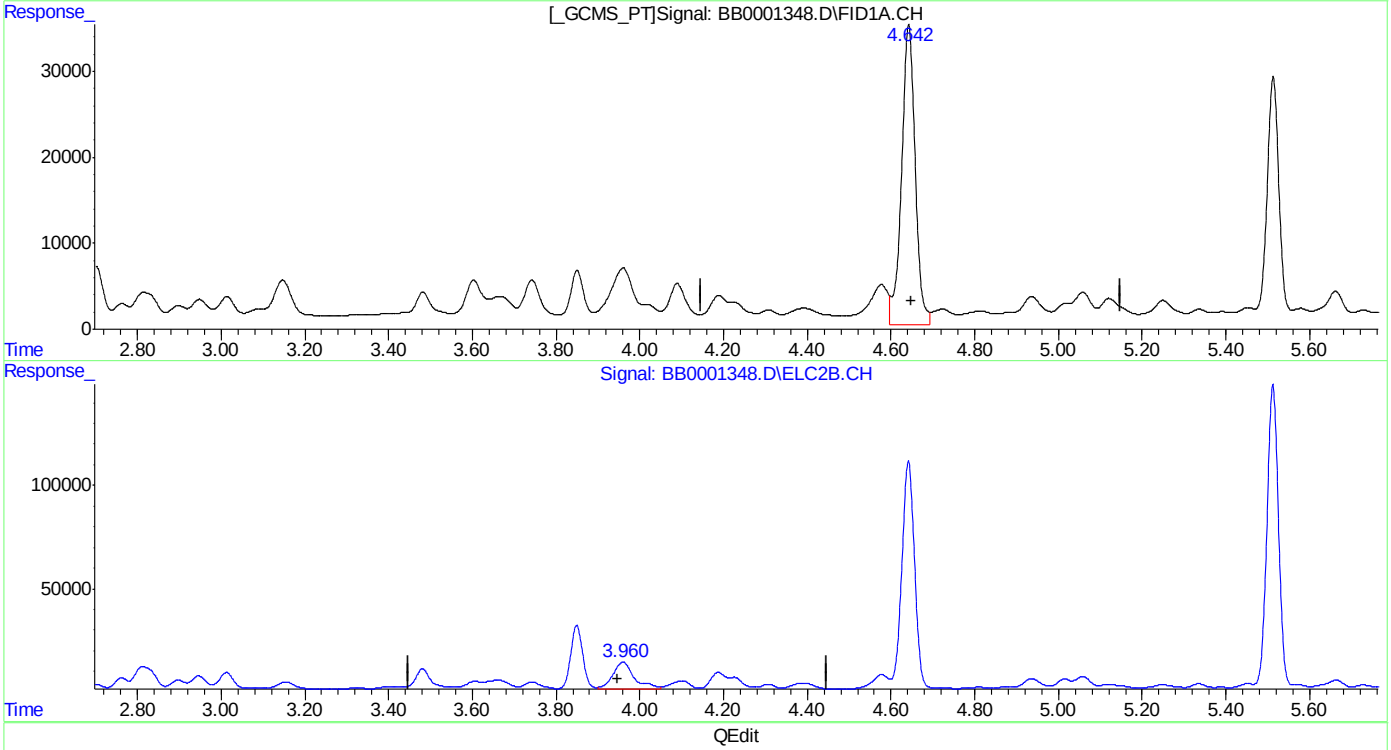
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:40:10 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:39:51
Operator : anthonyt
Sample : ic78-2000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:40:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 219.310 ug/L m
response 785595

(1) aaa-Trifluorotoluene #2 (S)
3.959min 177.990 ug/L
response 468227

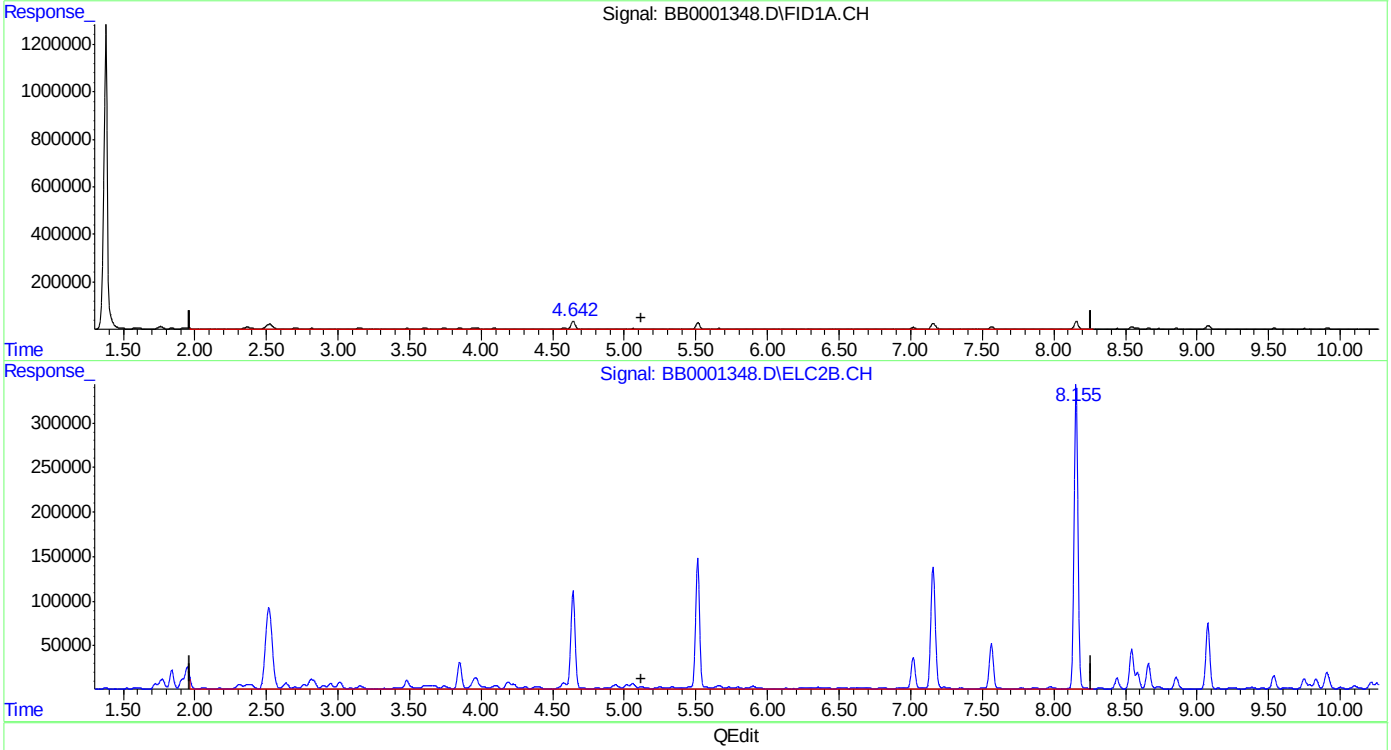
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:40:23 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 12:39:51
Operator : anthonyt
Sample : ic78-2000
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:40:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 1687.560 ug/L m
response 4917736

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 1857.104 ug/L m
response 25082089

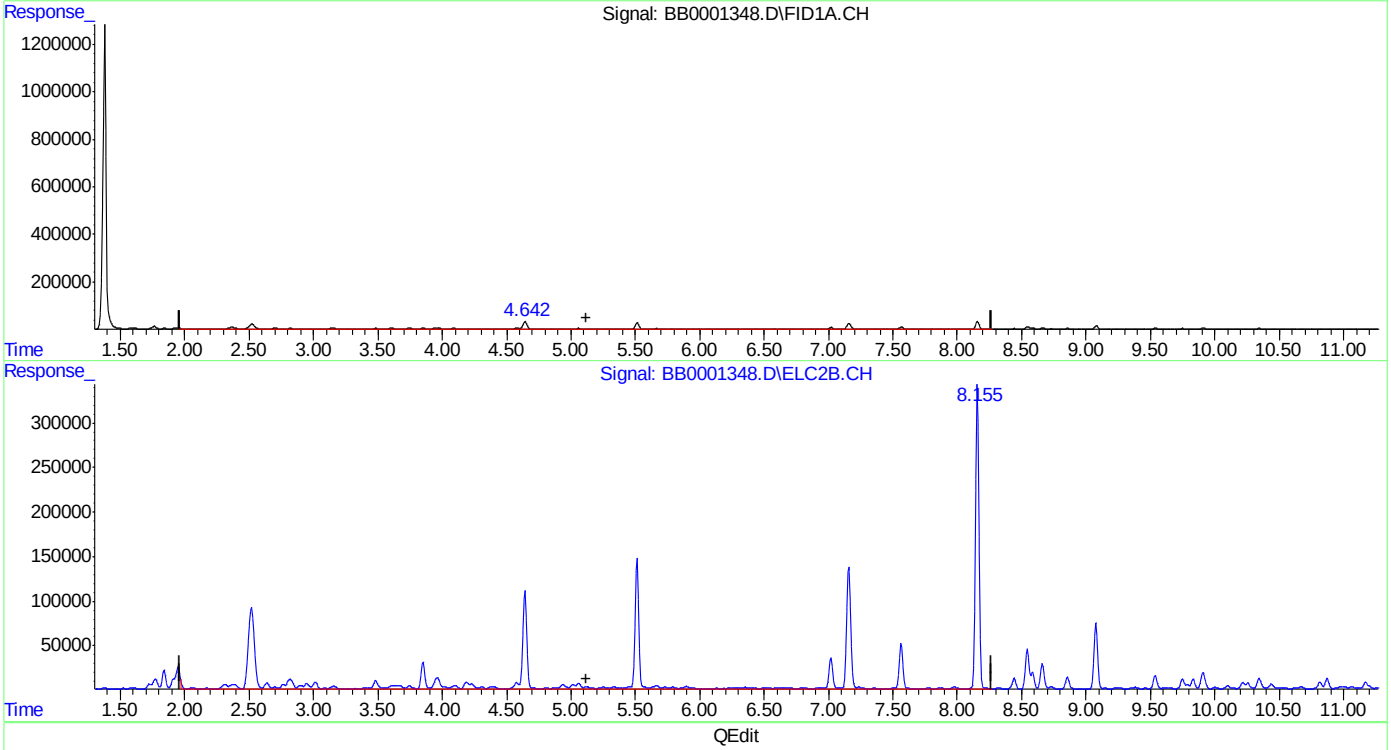
(+) = Expected Retention Time
BB78.m Tue Aug 17 14:40:44 2010

Quantitation Report (Qedit)

```
Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001348.D
Signal(s) : Signal #1: FID1A.CH  Signal #2: ELC2B.CH
Acq On    : 17-Aug-10, 12:39:51
Operator  : anthonyt
Sample    : ic78-2000
Misc      : gc3285,GBB078,5,,,5,,water
ALS Vial  : 8 (Sig #1); 0 (Sig #2)   Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 14:40:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title  : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 14:39:52 2010
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Small noise peaks clipped

Volume Inj.     :
Signal #1 Phase : Rxi-624Sil MS     Signal #2 Phase: Rxi-624Sil
Signal #1 Info  : 0.32 mm           Signal #2 Info : 0.32 mm
```



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 1909.144 ug/L m
response 5563456

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 1857.104 ug/L m
response 25082089

(+) = Expected Retention Time
BB78.m Tue Aug 17 14:41:10 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
08/18/10 15:24

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv80-400 (Sig #1); icv-400 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:09:21 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.960	78435	150970	21.062m	58.306	#
3) S	4-Bromofl...	8.156	0.000	60625	0	19.334m	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1124316	4006840	371.000	299.730	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

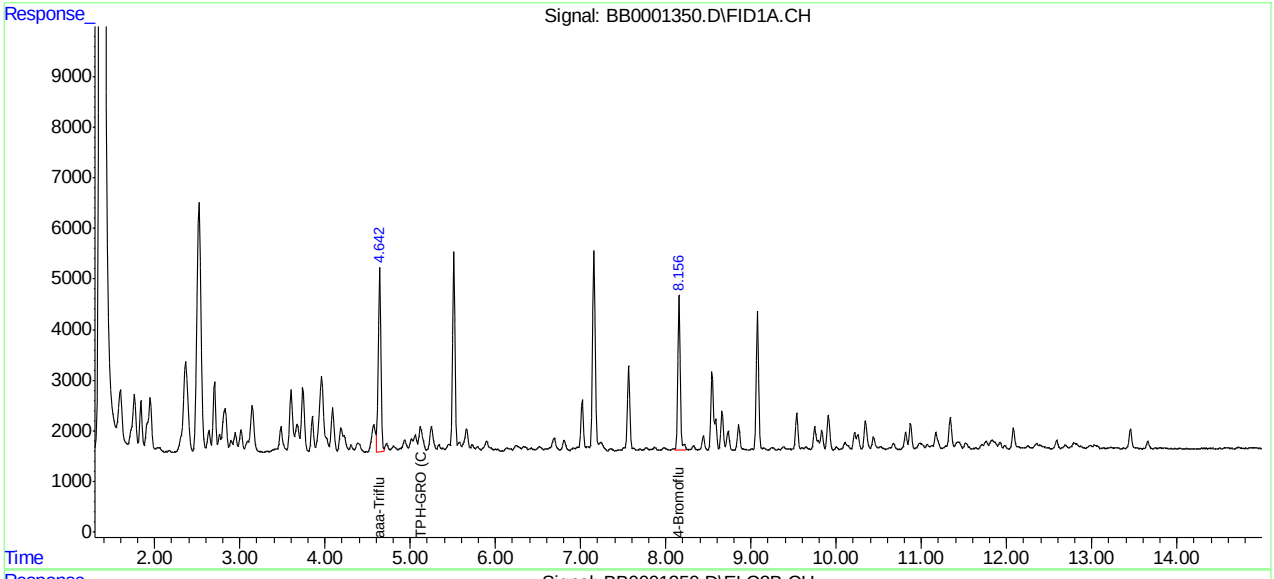
10.5.8 10

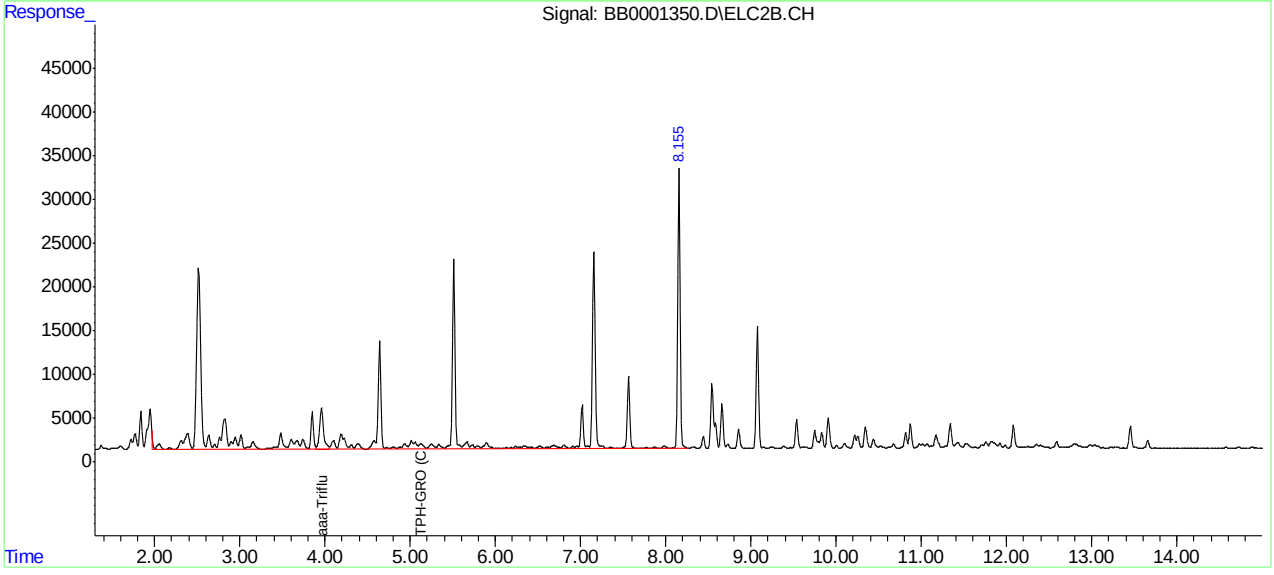
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv80-400 (Sig #1); icv-400 (Sig #2)
Misc : gc3285,GBB080,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:09:21 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



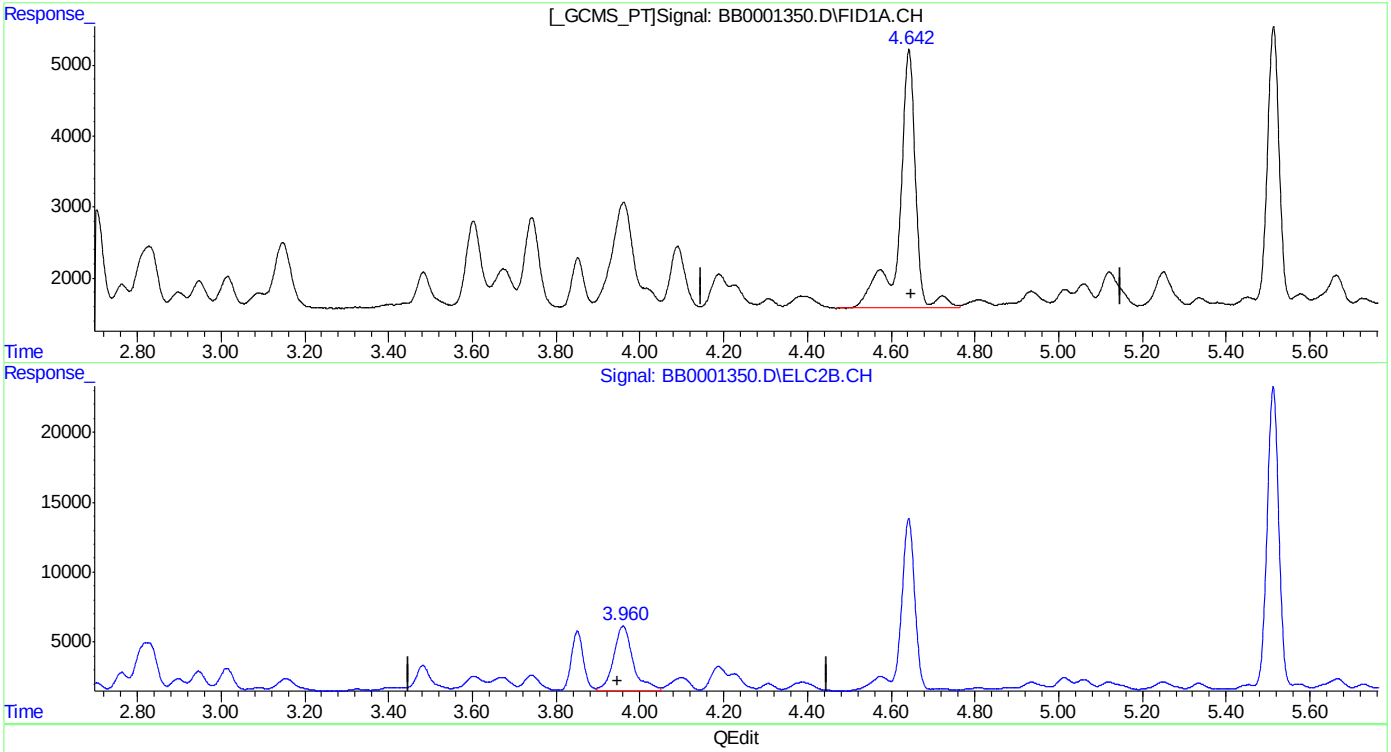


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:07:51 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 26.826 ug/L
response 99902

(1) aaa-Trifluorotoluene #2 (S)
3.960min 58.306 ug/L
response 150970

(+) = Expected Retention Time
BB78.m Tue Aug 17 15:07:55 2010

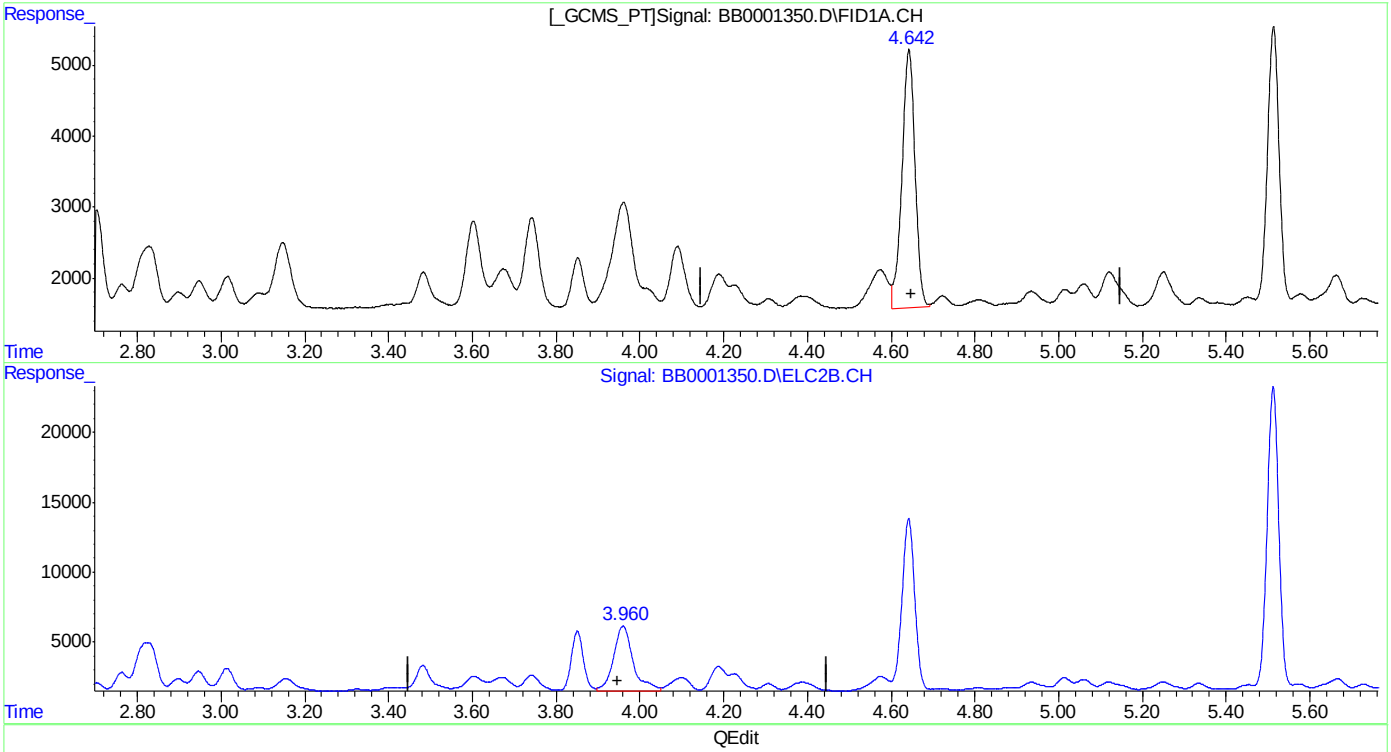
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:07:51 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 21.062 ug/L m
response 78435

(1) aaa-Trifluorotoluene #2 (S)
3.960min 58.306 ug/L
response 150970

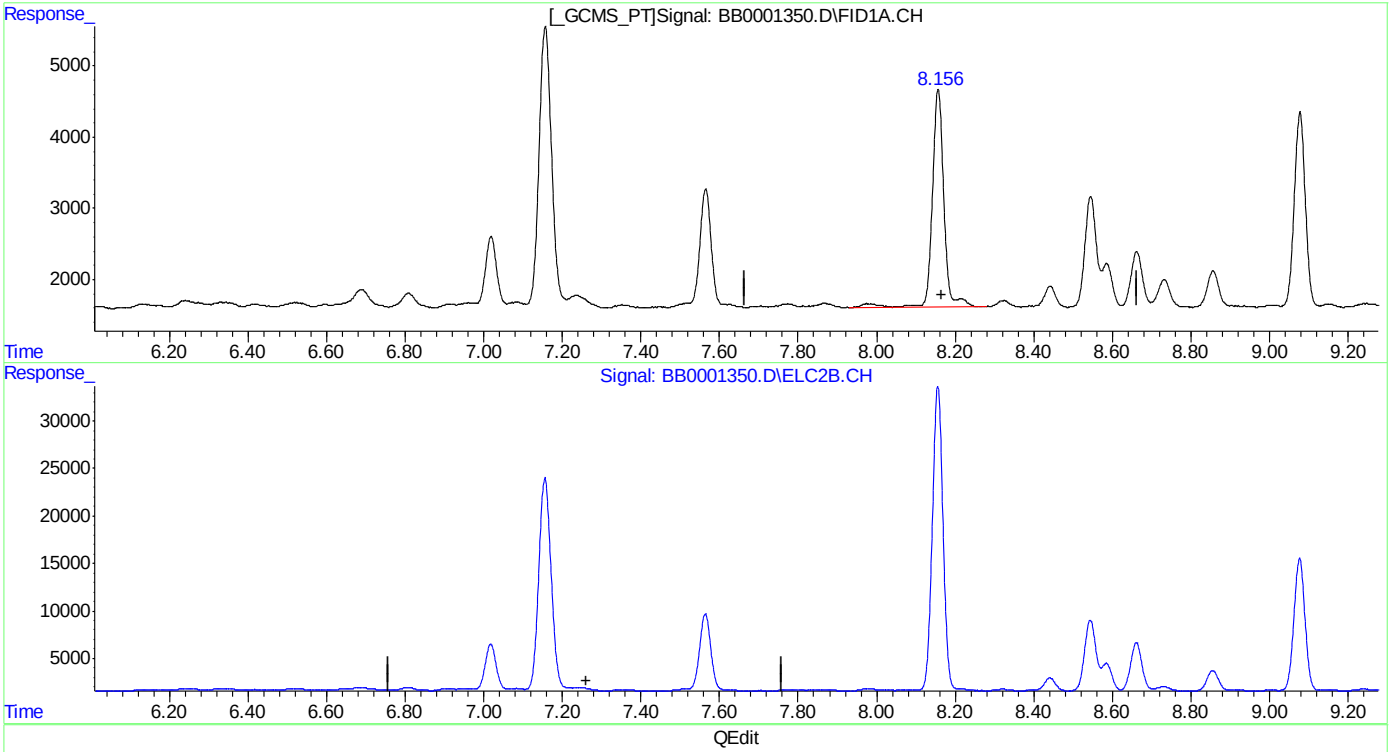
(+) = Expected Retention Time
BB78.m Tue Aug 17 15:08:14 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:08:11 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(3) 4-Bromofluorobenzene (S)
8.157min 19.820 ug/L
response 62150

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

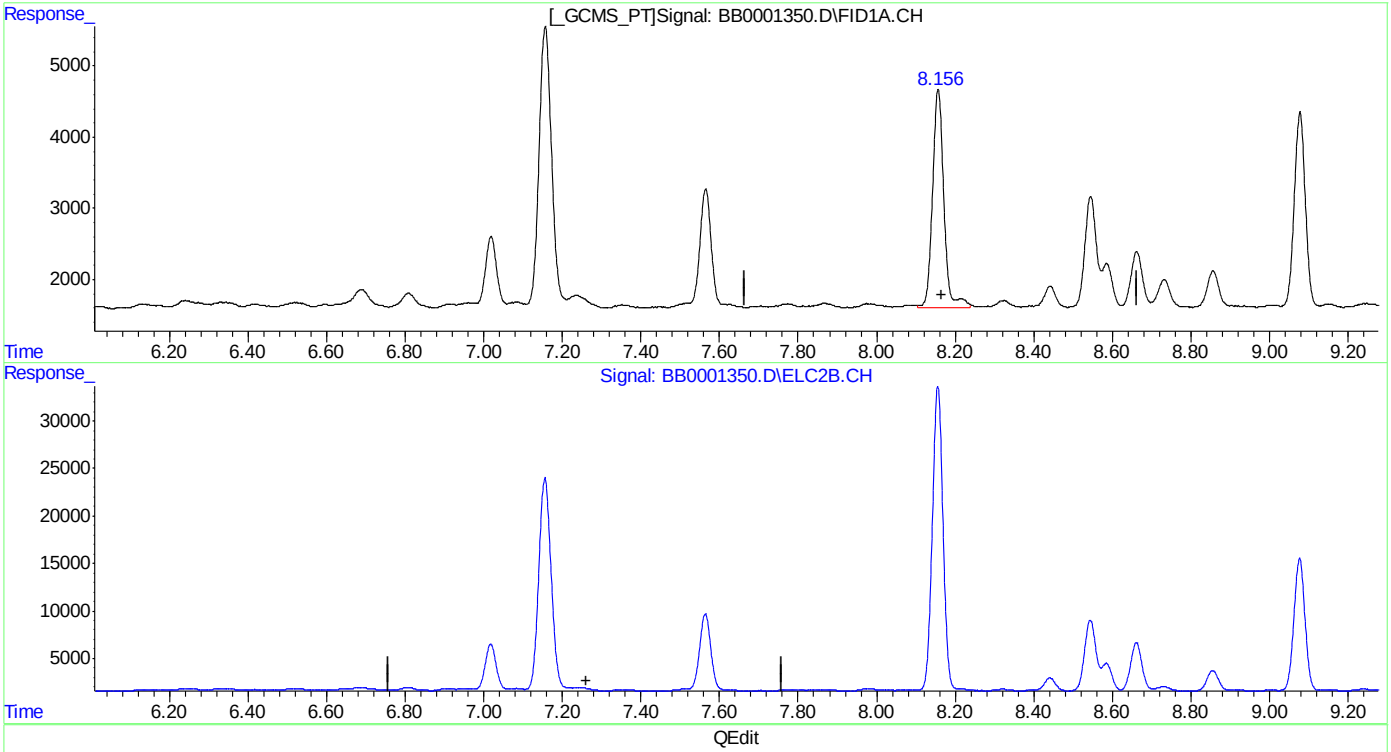
(+) = Expected Retention Time
BB78.m Tue Aug 17 15:08:34 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:08:11 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(3) 4-Bromofluorobenzene (S)
8.156min 19.334 ug/L m
response 60625

(3) 4-Bromofluorobenzene #2 (S)
0.000min 0.000 ug/L
response 0

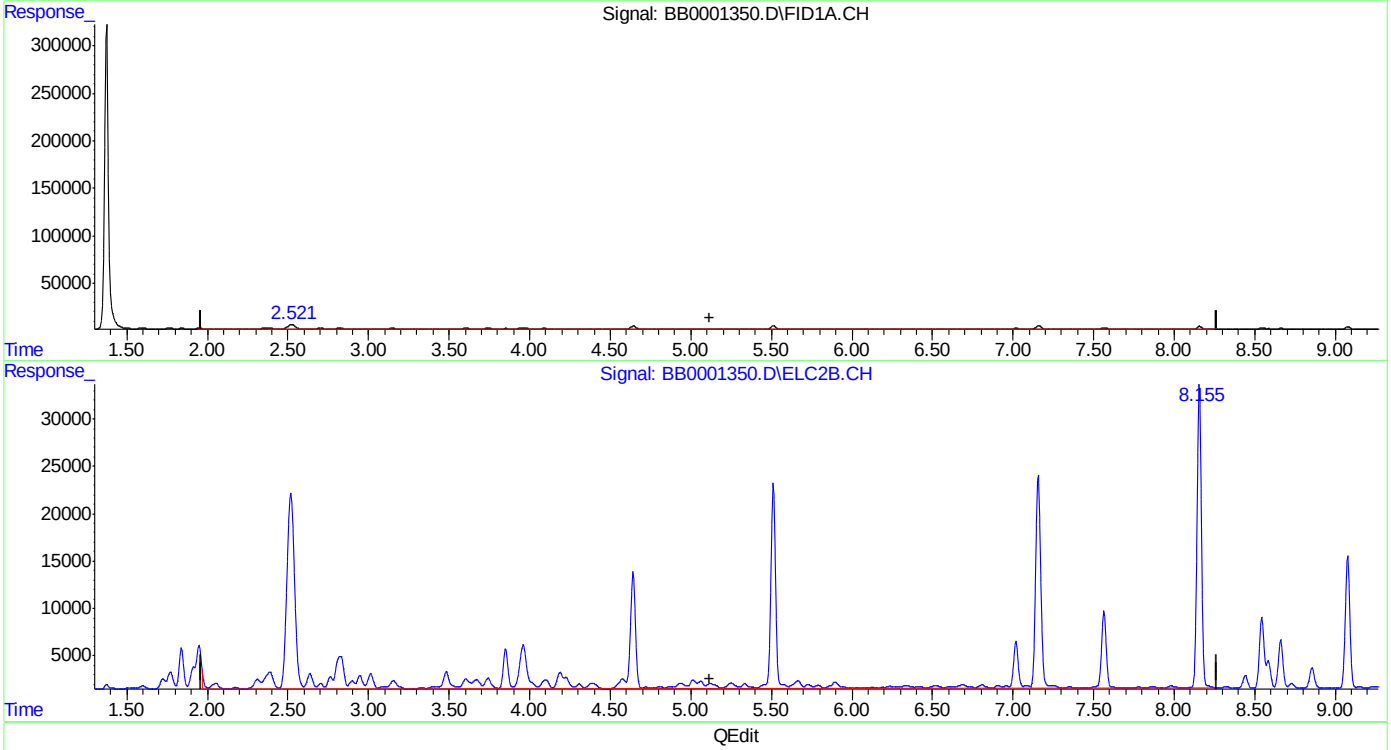
(+) = Expected Retention Time
BB78.m Tue Aug 17 15:08:54 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB078\
Data File : BB0001350.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 17-Aug-10, 13:28:18
Operator : anthonyt
Sample : icv-400
Misc : gc3285,GBB078,5,,,5,,water
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 17 15:08:11 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Tue Aug 17 15:00:55 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 371.000 ug/L m
response 1124316

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 299.730 ug/L m
response 4006840

(+) = Expected Retention Time
BB78.m Tue Aug 17 15:09:27 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 10:00:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.640	3.957	153574	107875	40.952m	37.118	
3) S	4-Bromofl...	8.155	0.000	134069	0	42.776	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1318512	5320315	416.482	370.986	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

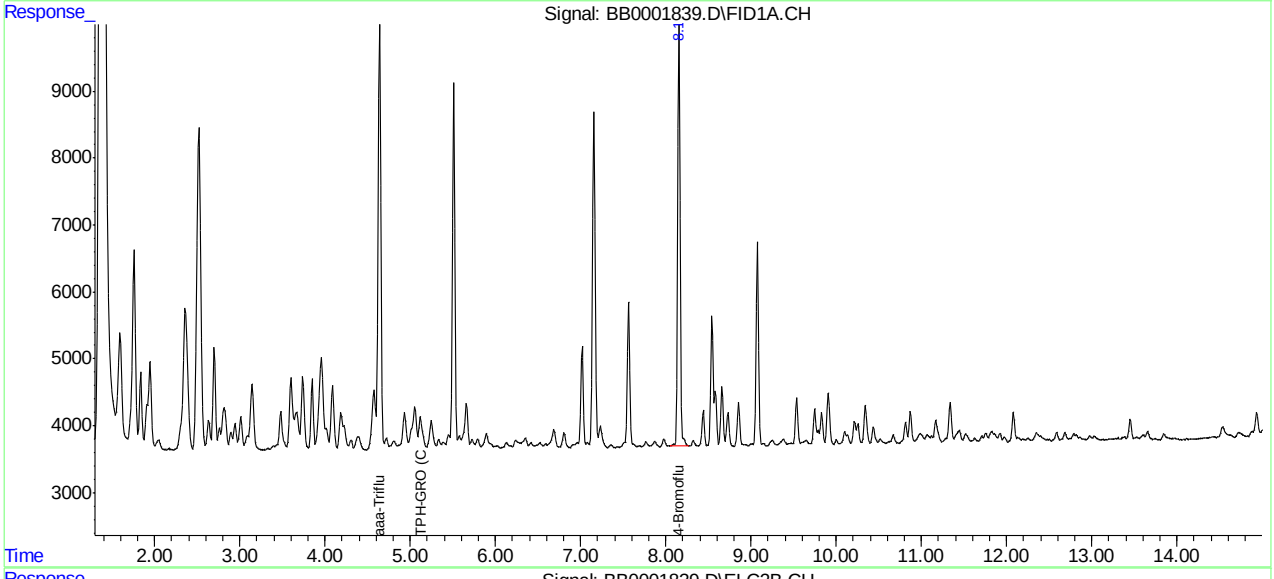
10.5.9 10

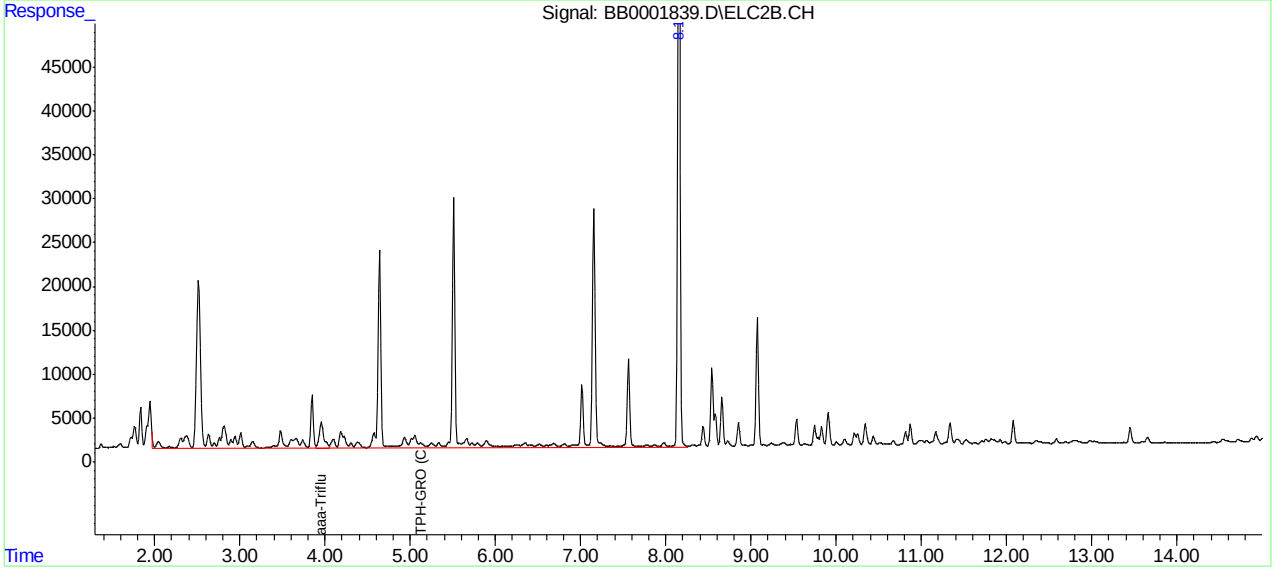
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 10:00:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



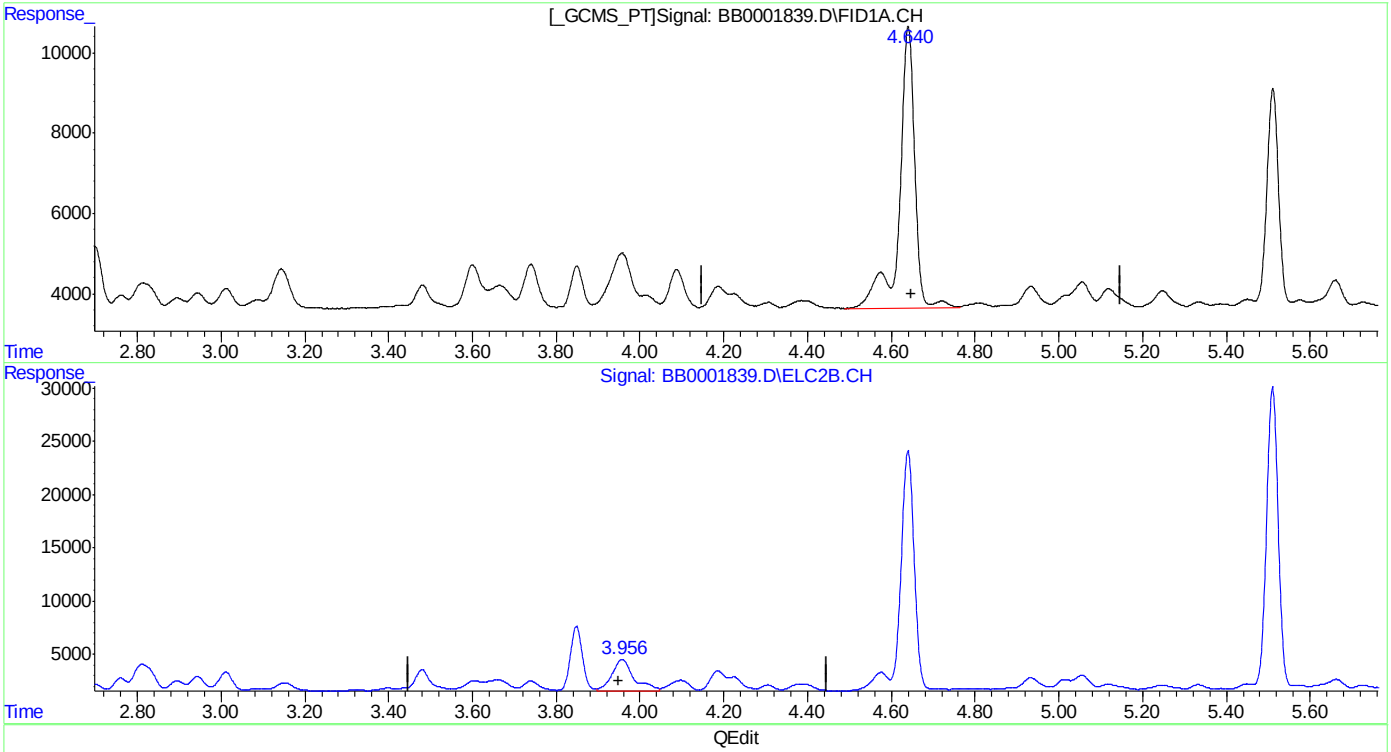


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 48.418 ug/L
response 181574

(1) aaa-Trifluorotoluene #2 (S)
3.957min 37.118 ug/L
response 107875

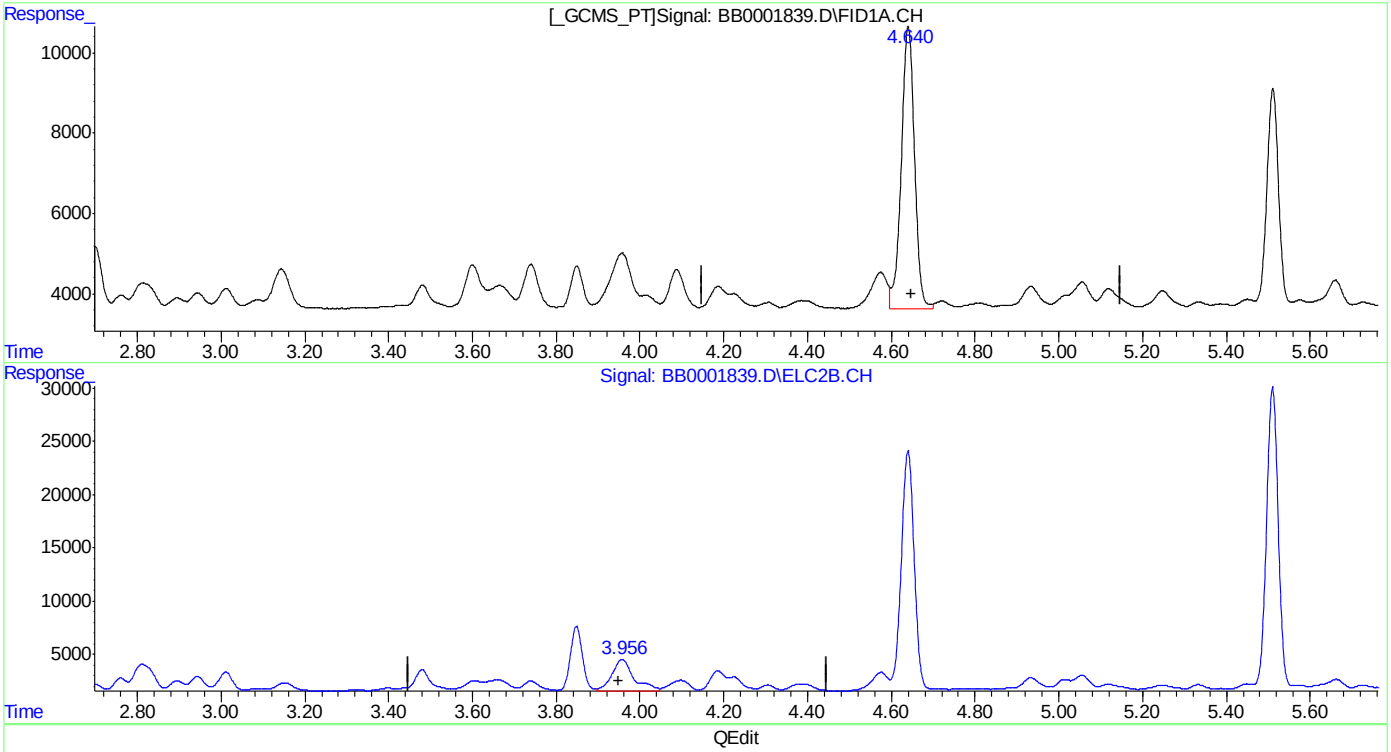
(+) = Expected Retention Time
BB78.m Tue Sep 07 09:59:45 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 40.952 ug/L m
response 153574

(1) aaa-Trifluorotoluene #2 (S)
3.957min 37.118 ug/L
response 107875

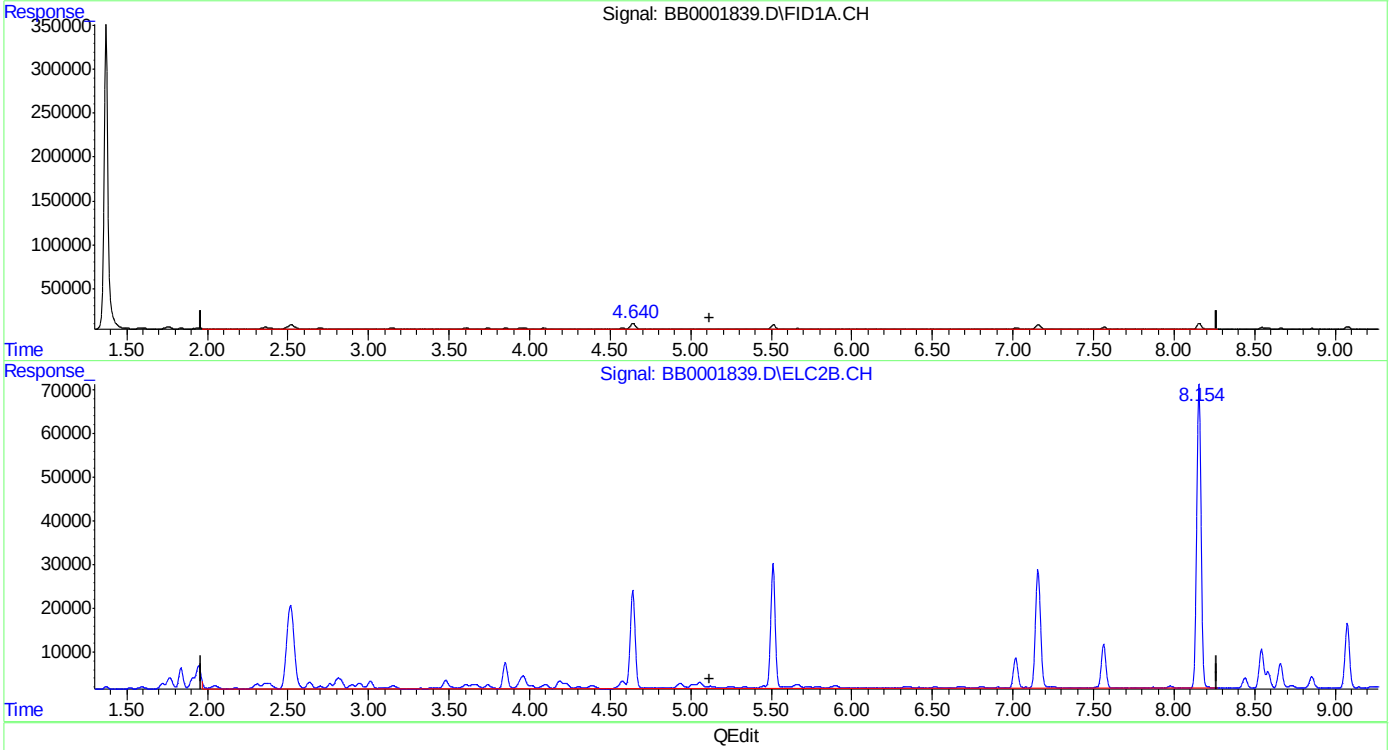
(+) = Expected Retention Time
BB78.m Tue Sep 07 09:59:57 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 362.013 ug/L m
response 1146074

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 370.986 ug/L m
response 5320315

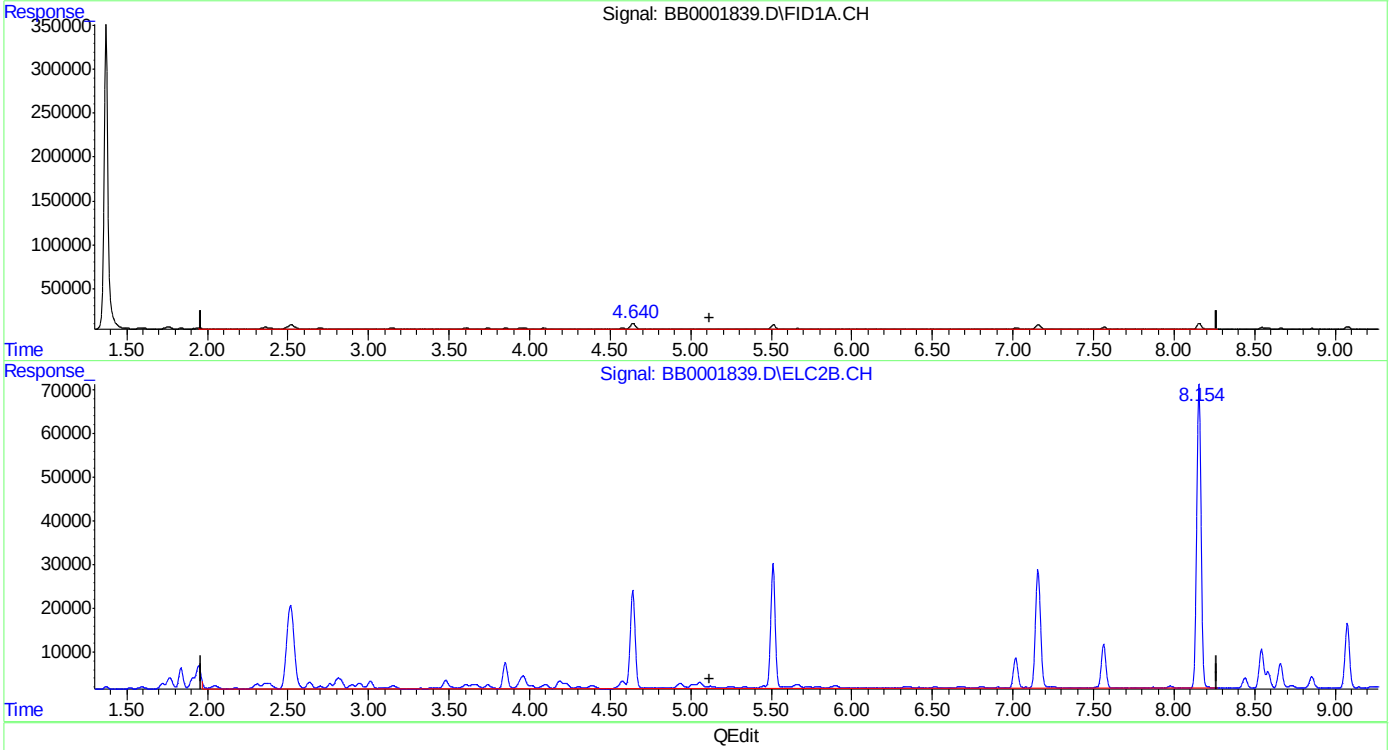
(+) = Expected Retention Time
BB78.m Tue Sep 07 10:00:02 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 416.482 ug/L m
response 1318512

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 370.986 ug/L m
response 5320315

(+) = Expected Retention Time
BB78.m Tue Sep 07 10:00:09 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 10:00:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.640	3.957	153574	107875	40.952m	37.118	
3) S	4-Bromofl...	8.155	0.000	134069	0	42.776	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1318512	5320315	416.482	370.986	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

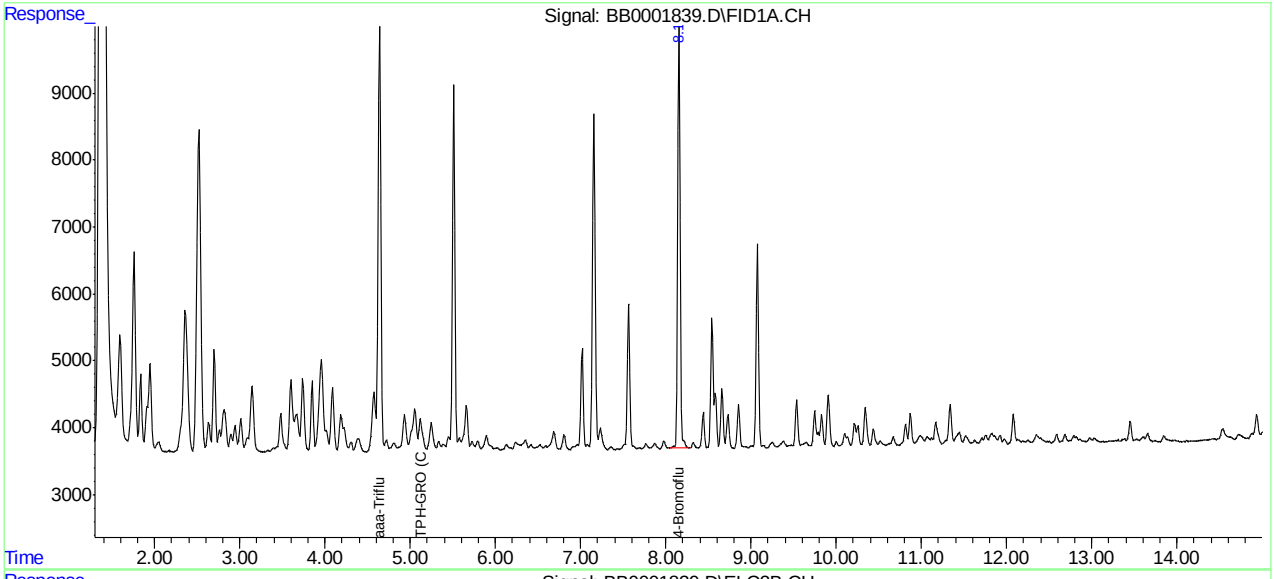
10.5.10
10

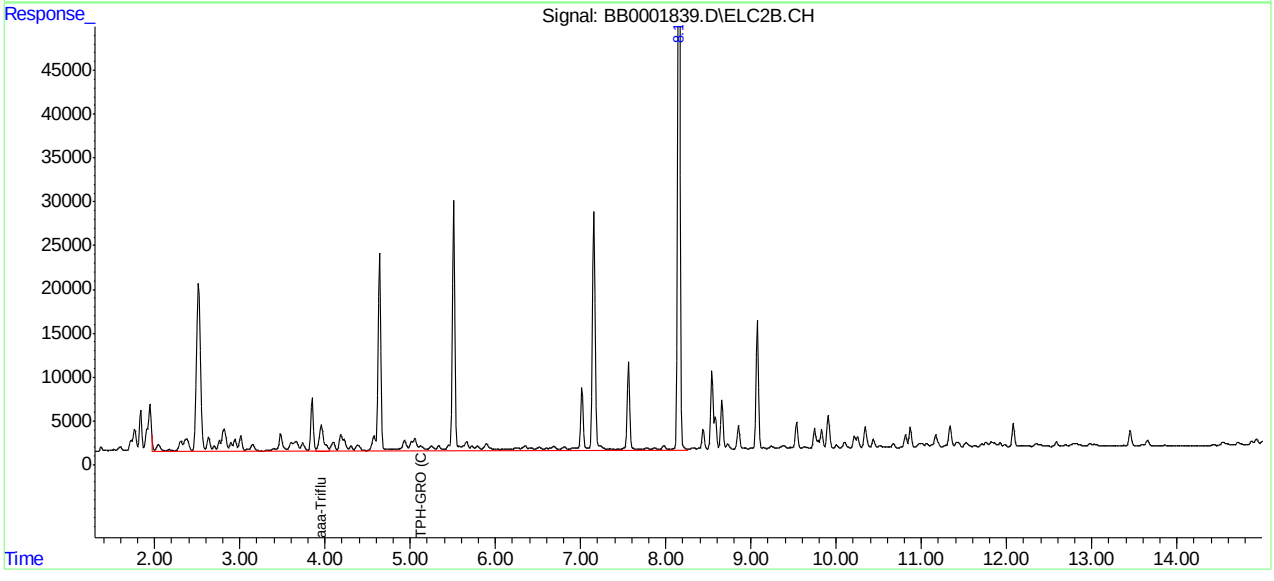
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 10:00:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



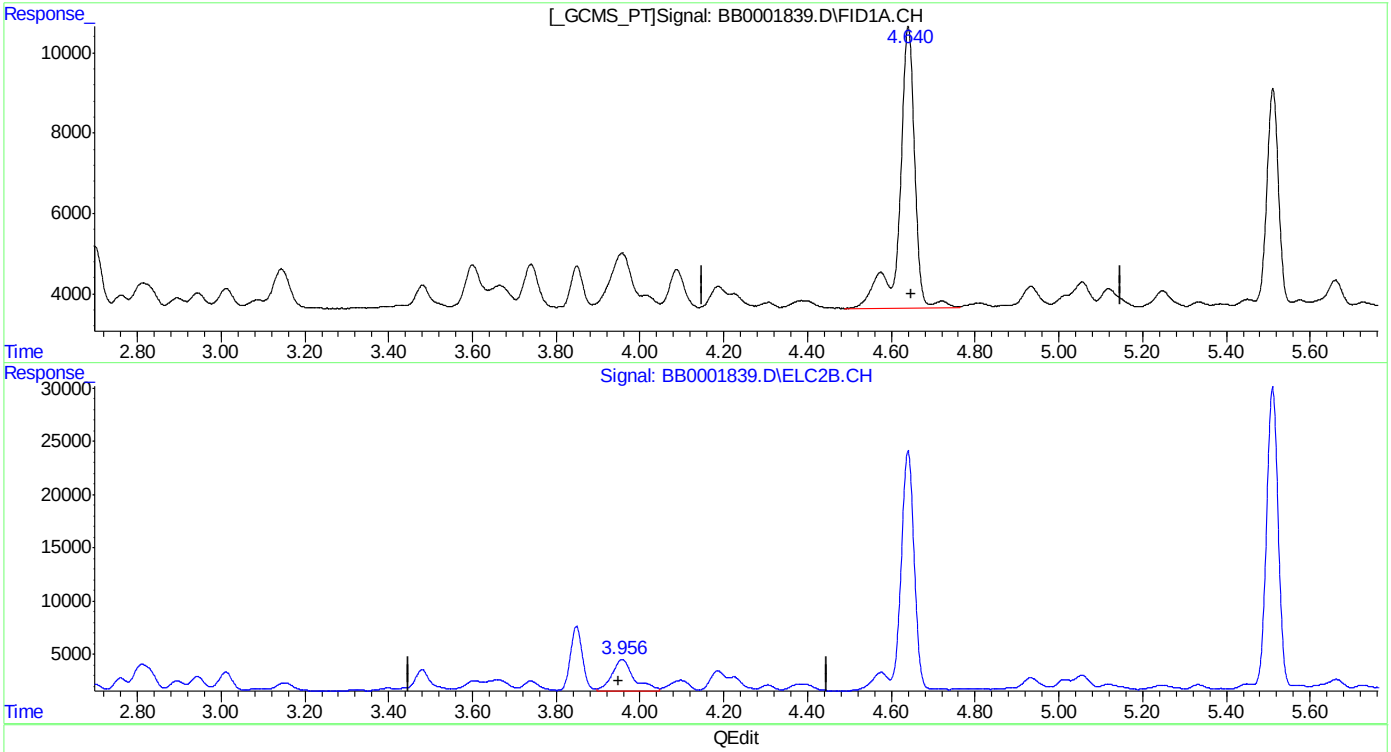


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 48.418 ug/L
response 181574

(1) aaa-Trifluorotoluene #2 (S)
3.957min 37.118 ug/L
response 107875

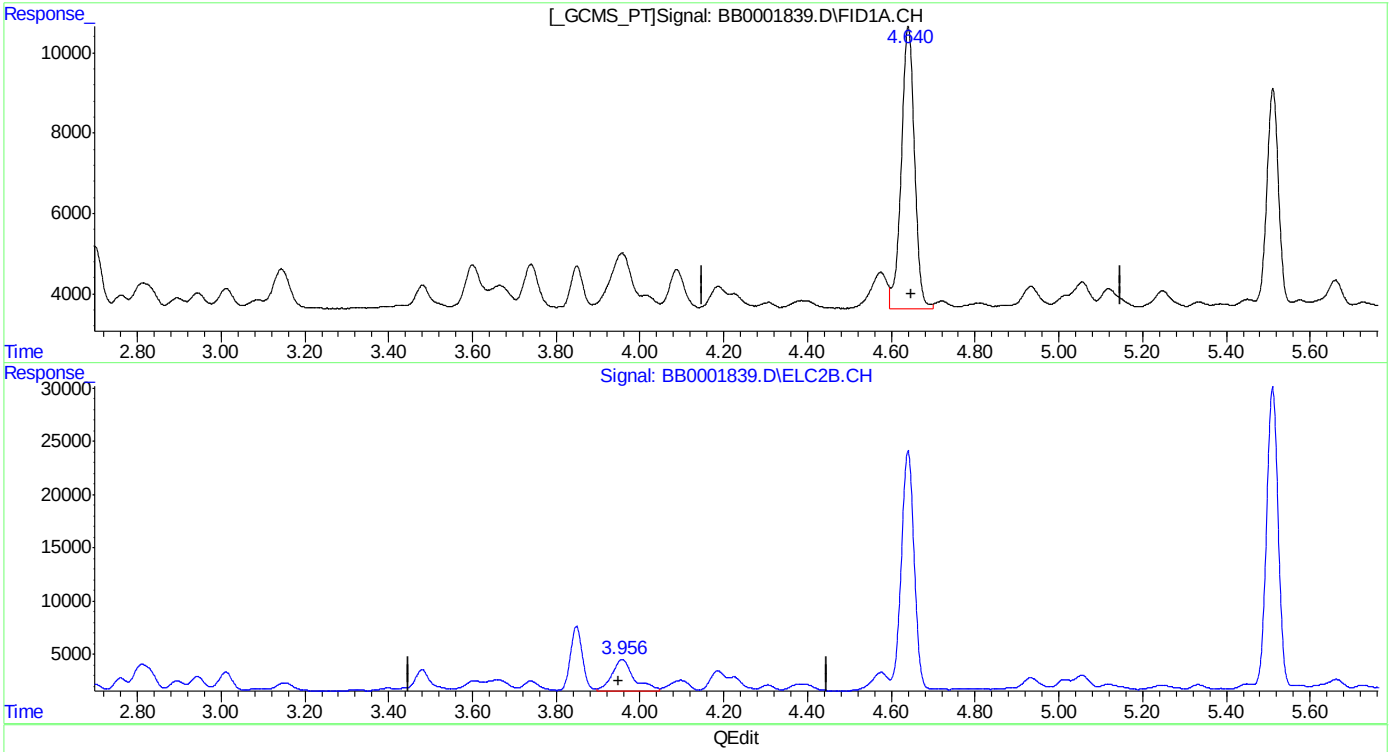
(+) = Expected Retention Time
BB78.m Tue Sep 07 09:59:45 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.640min 40.952 ug/L m
response 153574

(1) aaa-Trifluorotoluene #2 (S)
3.957min 37.118 ug/L
response 107875

(+) = Expected Retention Time
BB78.m Tue Sep 07 09:59:57 2010

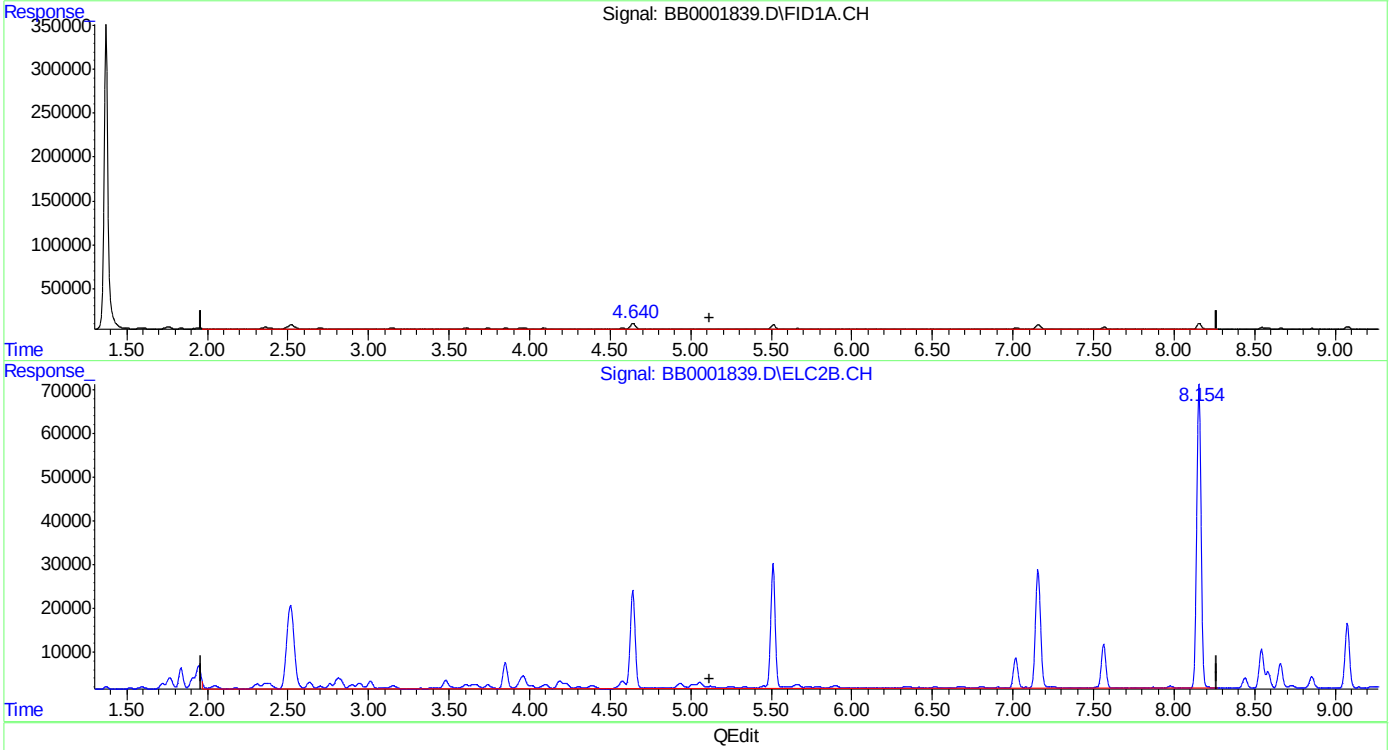
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 362.013 ug/L m
response 1146074

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 370.986 ug/L m
response 5320315

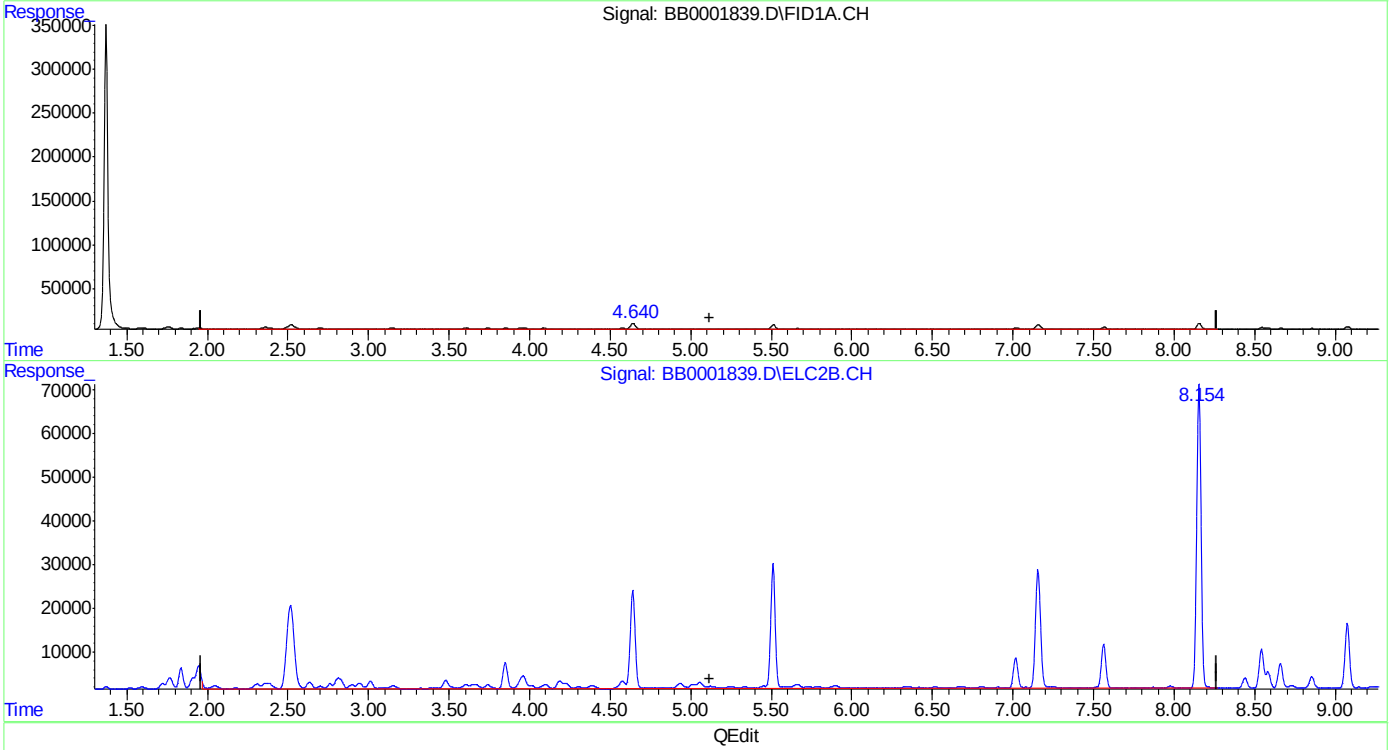
(+) = Expected Retention Time
BB78.m Tue Sep 07 10:00:02 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001839.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 09:41:28
Operator : anthonyt
Sample : cc78-400
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 2 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 09:59:41 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 416.482 ug/L m
response 1318512

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 370.986 ug/L m
response 5320315

(+) = Expected Retention Time
BB78.m Tue Sep 07 10:00:09 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.641	3.959	301036	173144	80.273m	59.576	
3) S	4-Bromofl...	8.155	0.000	263997	0	84.230	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	2200881	9751157	695.197	679.949	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

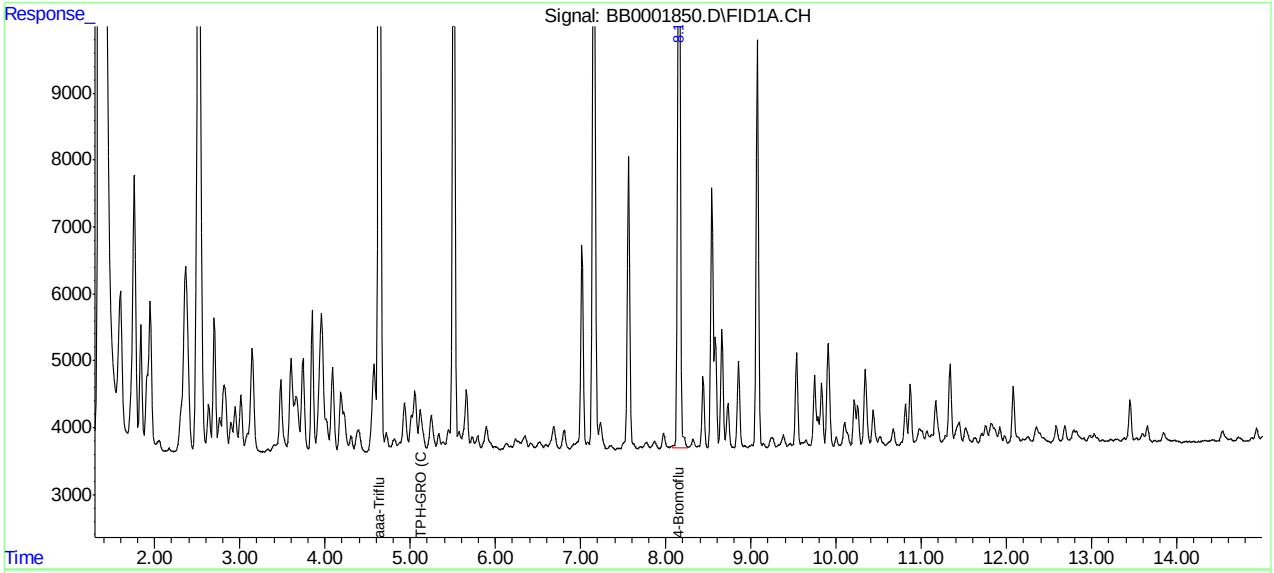
10.5.11
10

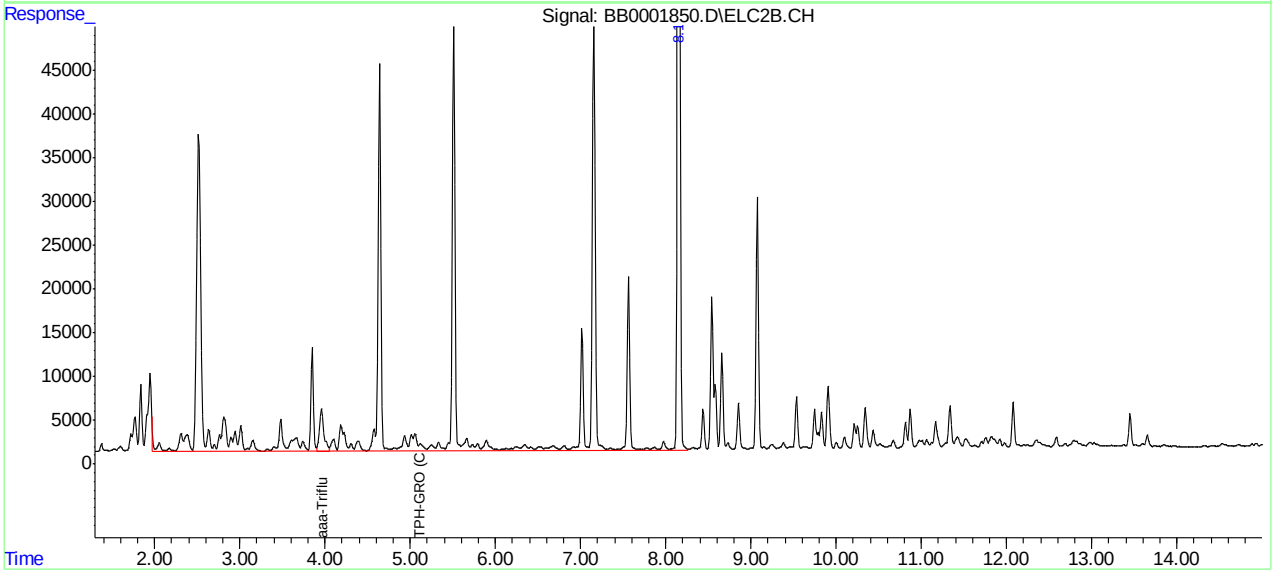
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



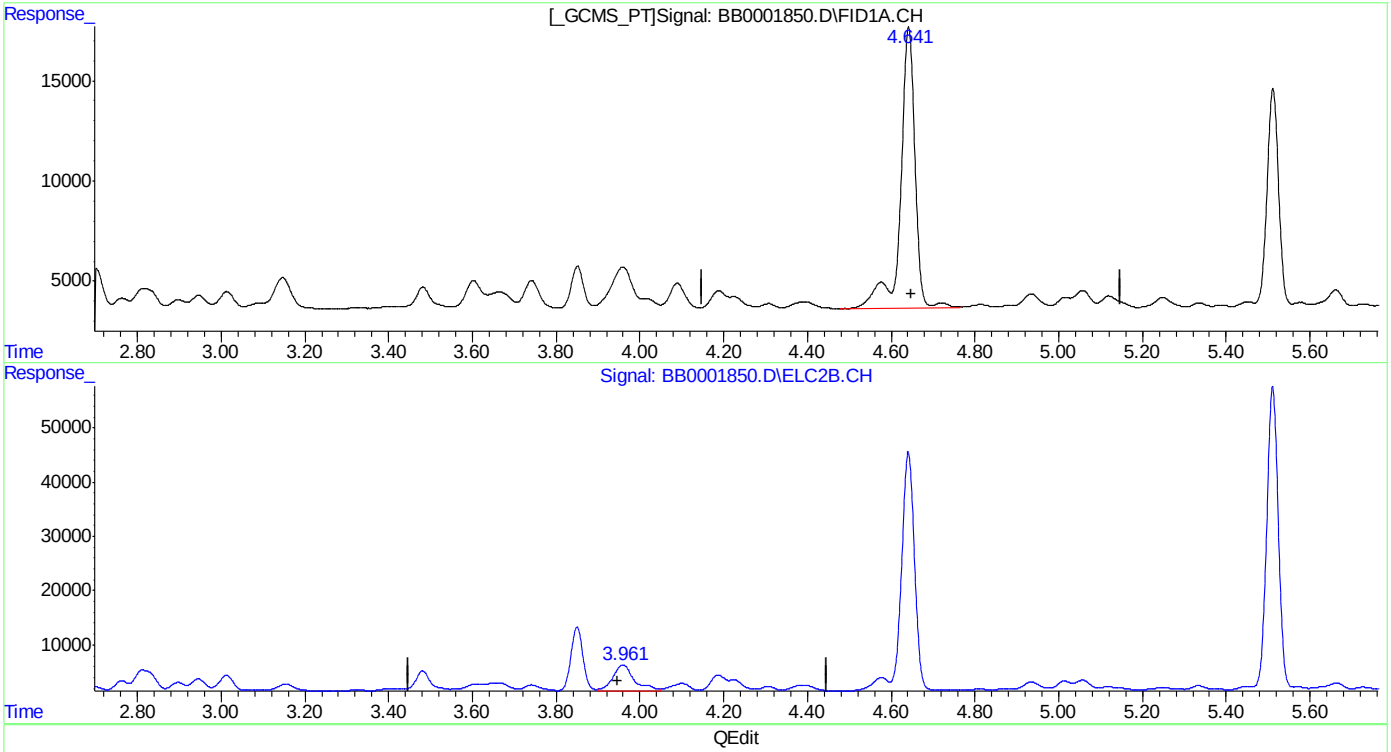


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 91.121 ug/L
response 341717

(1) aaa-Trifluorotoluene #2 (S)
3.959min 59.576 ug/L
response 173144

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:57 2010

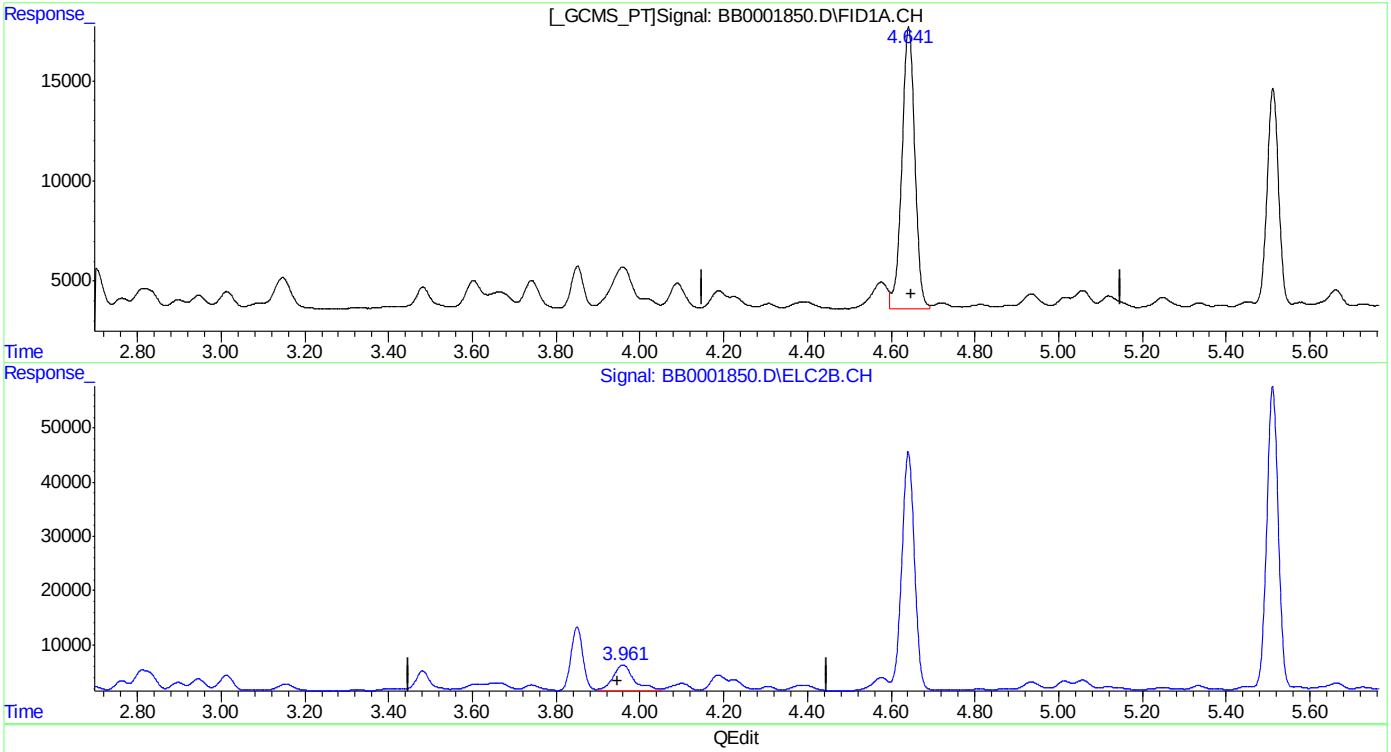
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 80.273 ug/L m
response 301036

(1) aaa-Trifluorotoluene #2 (S)
3.959min 59.576 ug/L
response 173144

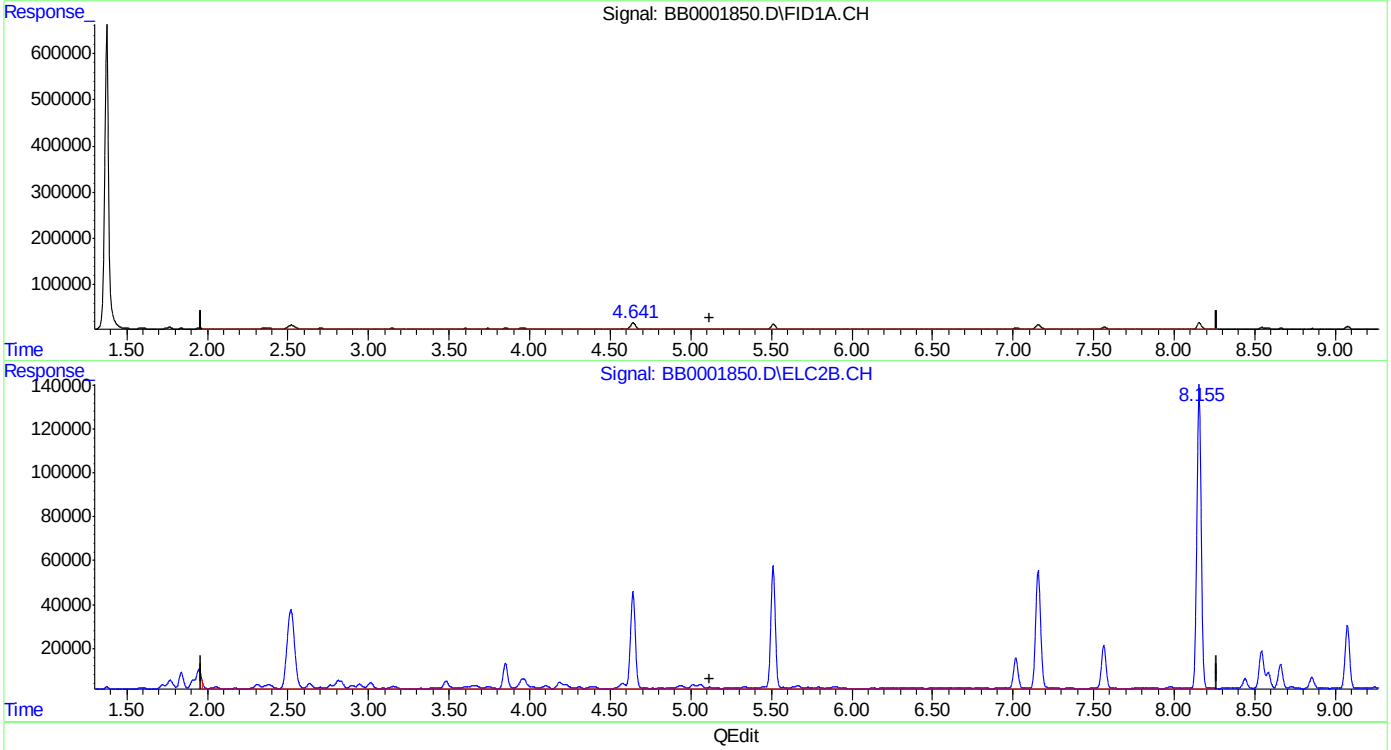
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:04 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 597.951 ug/L m
response 1893014

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 679.949 ug/L m
response 9751157

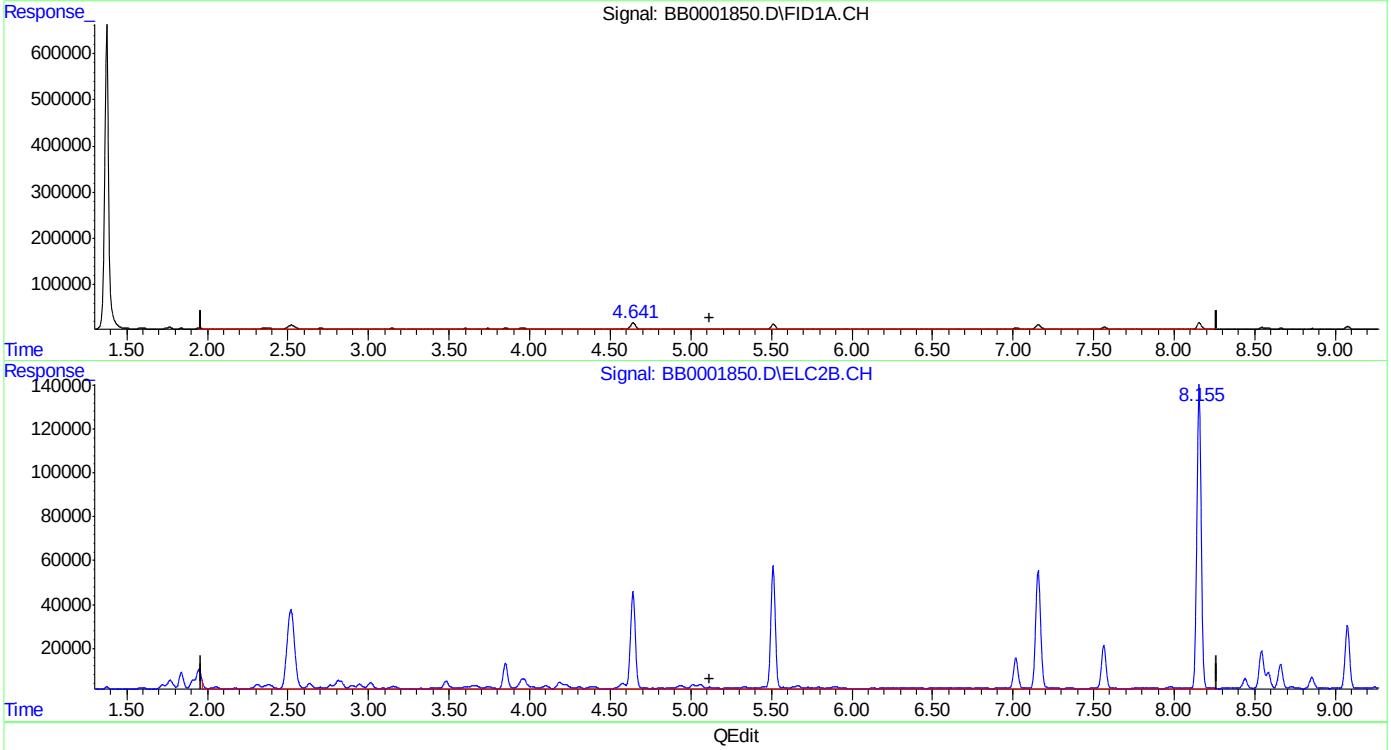
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:09 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 695.197 ug/L m
response 2200881

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 679.949 ug/L m
response 9751157

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:28 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:56

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.641	3.959	301036	173144	80.273m	59.576	
3) S	4-Bromofl...	8.155	0.000	263997	0	84.230	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	2200881	9751157	695.197	679.949	

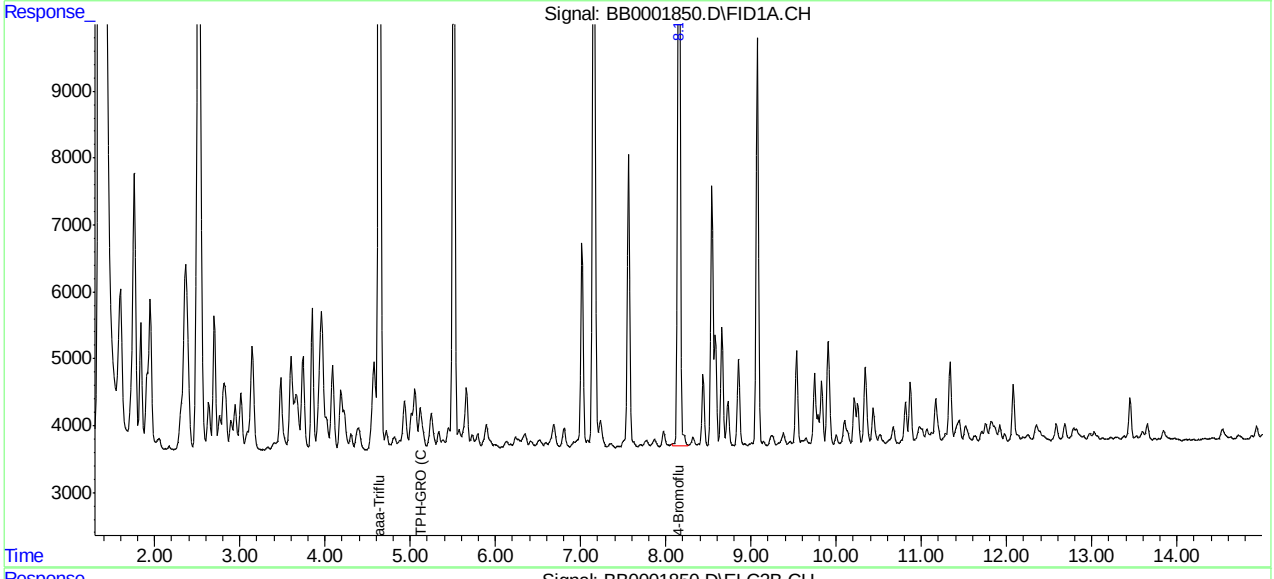
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

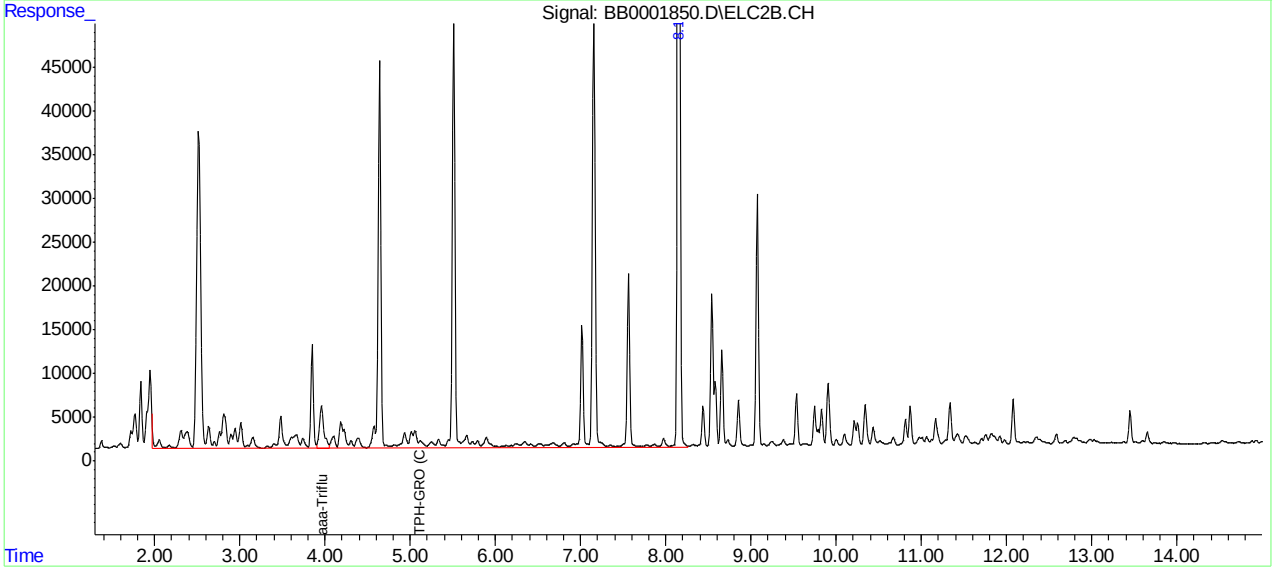
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:10:26 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



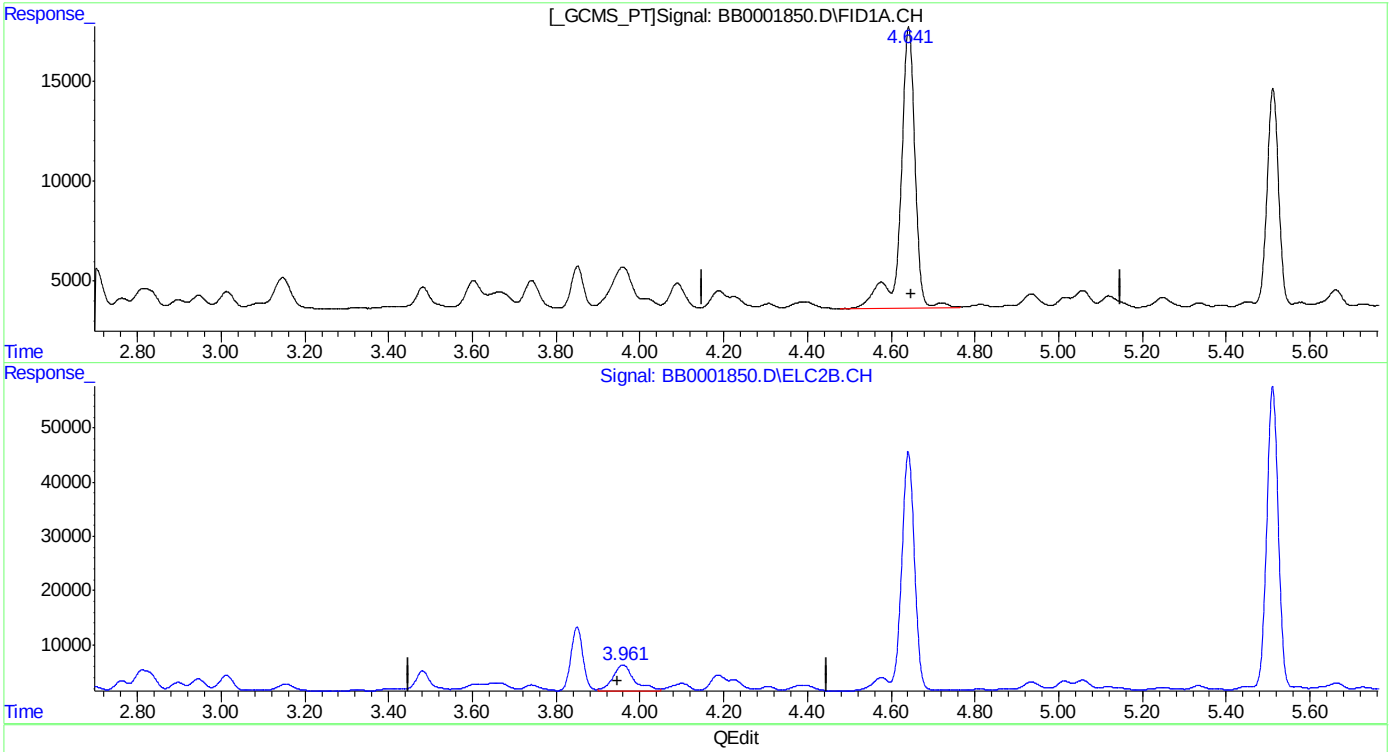


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.642min 91.121 ug/L
response 341717

(1) aaa-Trifluorotoluene #2 (S)
3.959min 59.576 ug/L
response 173144

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:09:57 2010

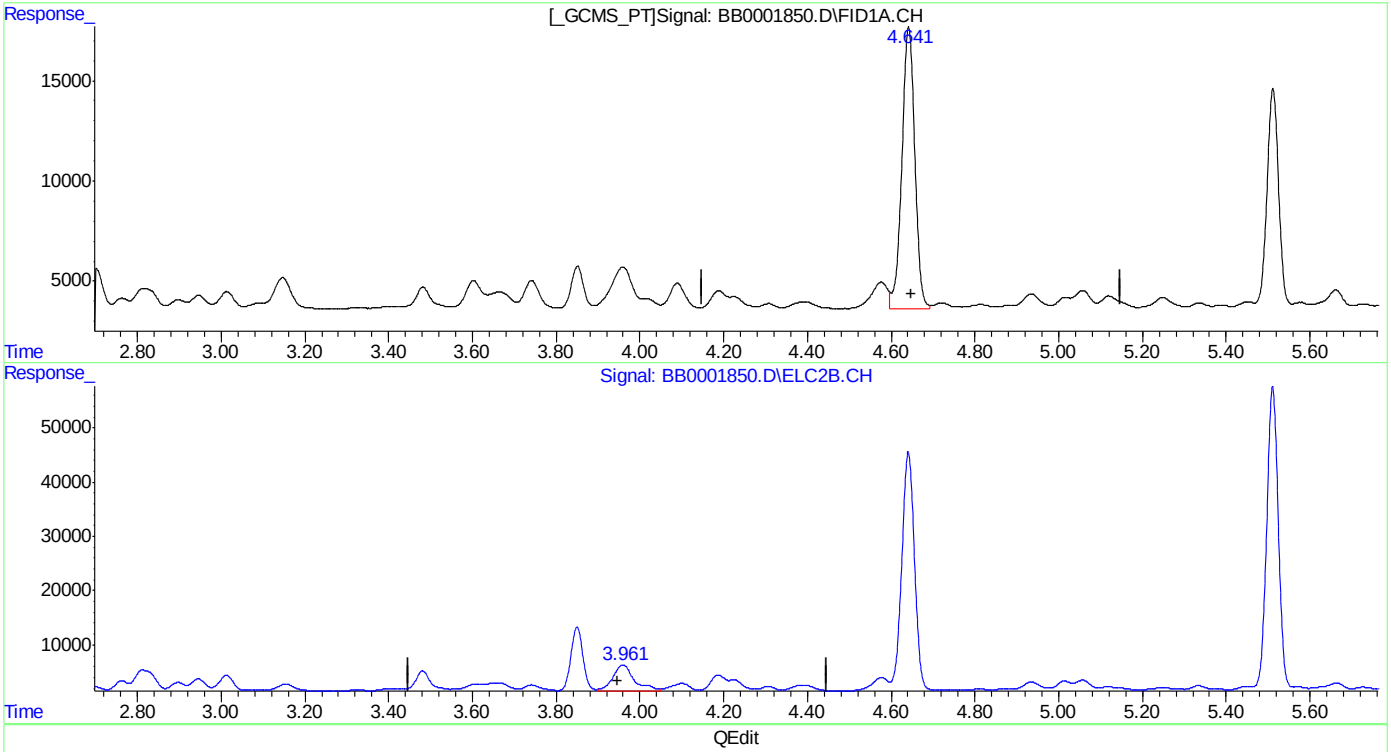
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(1) aaa-Trifluorotoluene (S)
4.641min 80.273 ug/L m
response 301036

(1) aaa-Trifluorotoluene #2 (S)
3.959min 59.576 ug/L
response 173144

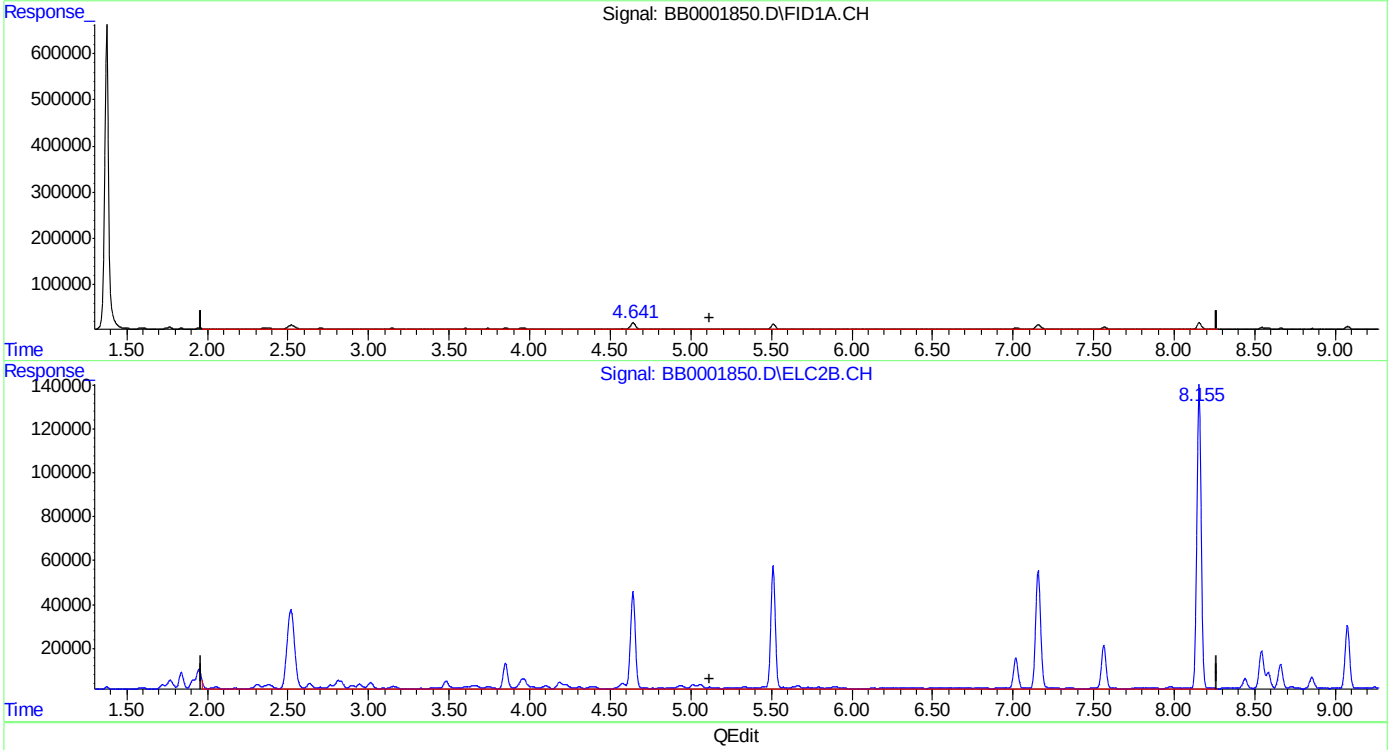
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:04 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 597.951 ug/L m
response 1893014

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 679.949 ug/L m
response 9751157

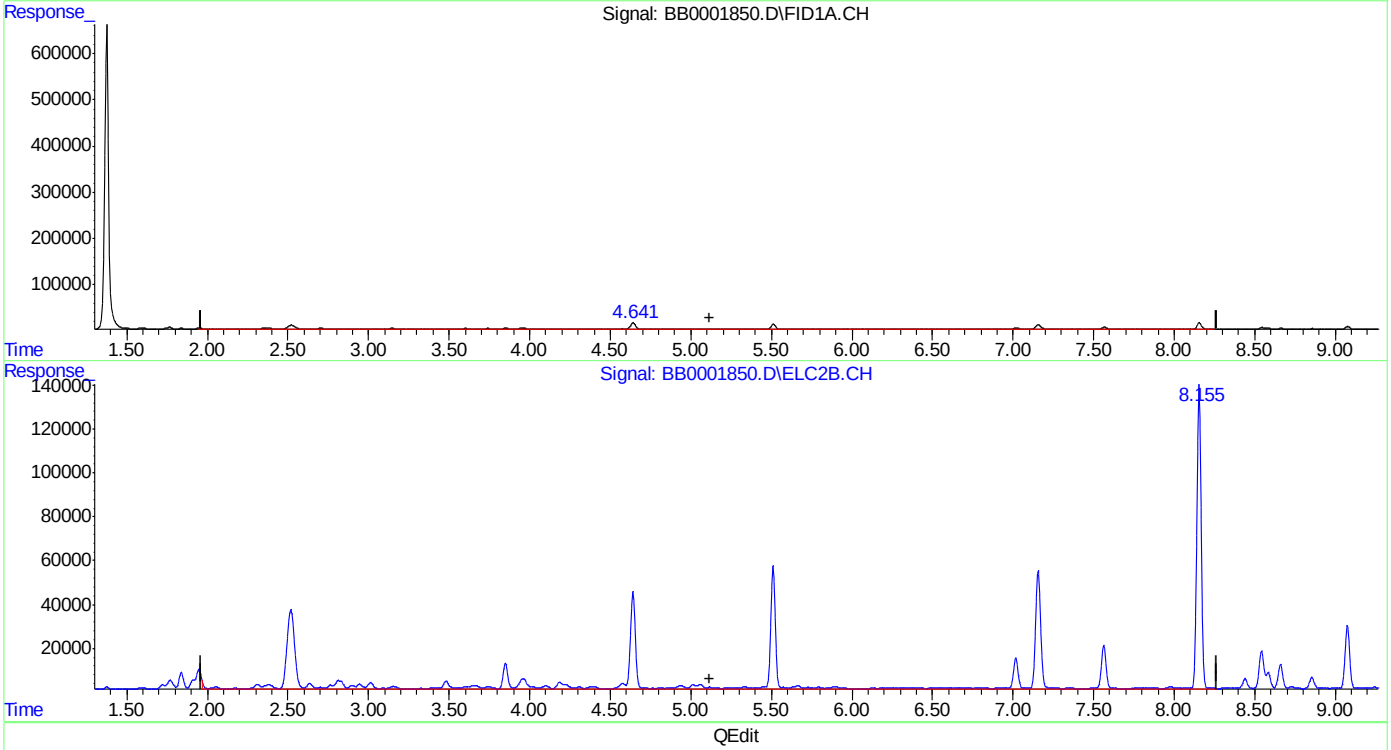
(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:09 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001850.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 14:31:19
Operator : anthonyt
Sample : cc78-800
Misc : gc3331,GBB108,5,,,5,,soil
ALS Vial : 13 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 07 17:09:53 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 695.197 ug/L m
response 2200881

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 679.949 ug/L m
response 9751157

(+) = Expected Retention Time
BB78.m Tue Sep 07 17:10:28 2010

Manual Integrations
APPROVED
(compounds with "m" flag)
Jennifer Laidlaw
09/08/10 12:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:45:01 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	aaa-Trifl...	4.642	3.959	139444	74520	37.184m	25.641	
3) S	4-Bromofl...	8.156	0.000	126384	0	40.324	N.D.	#
	Target Compounds							
2) H	TPH-GRO (...	5.117	5.117	1040511	4665284	328.669	325.311	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 40% (m)=manual int.

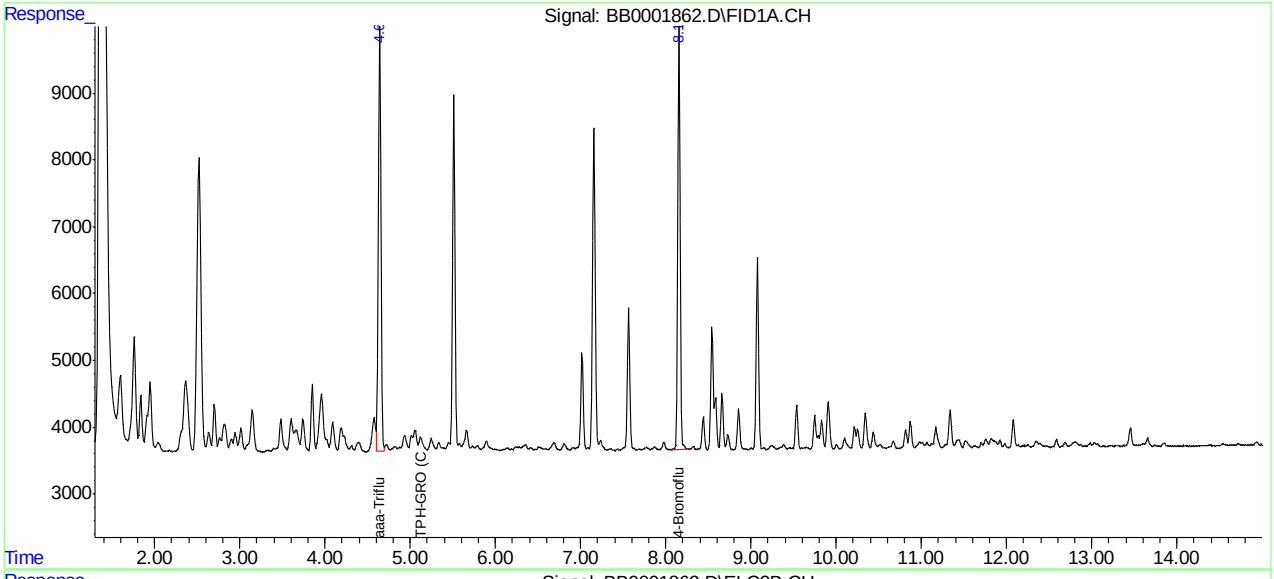
10.5.13 10

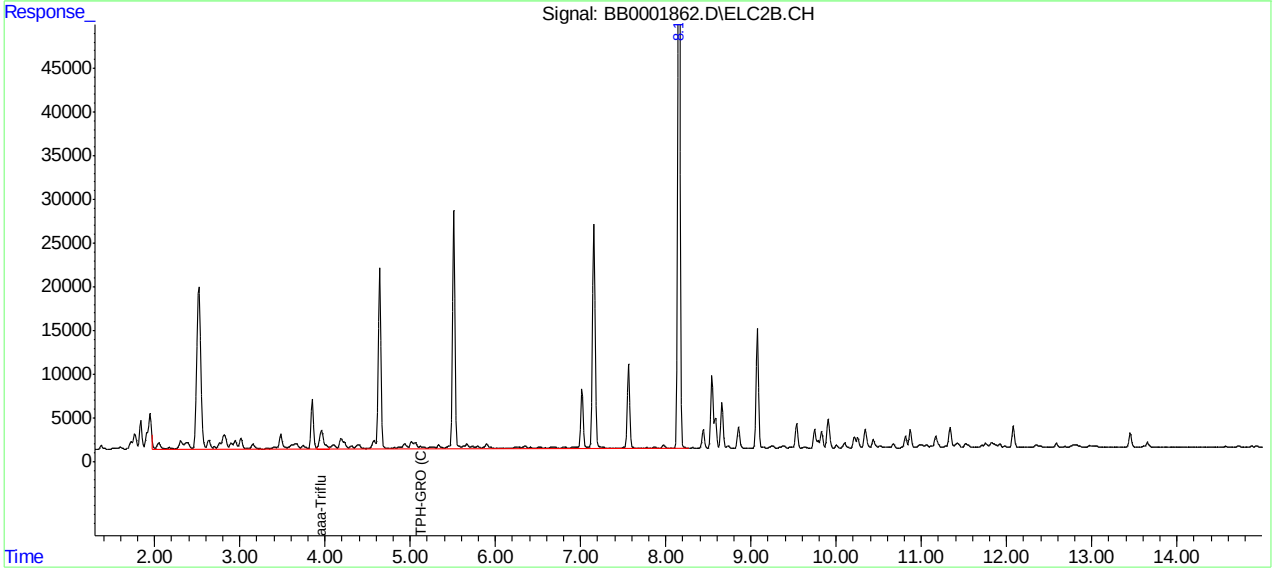
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB109,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:45:01 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm





BB78.m Wed Sep 08 10:28:00 2010 Page: 2

10.5.13 10
1288 of 1595
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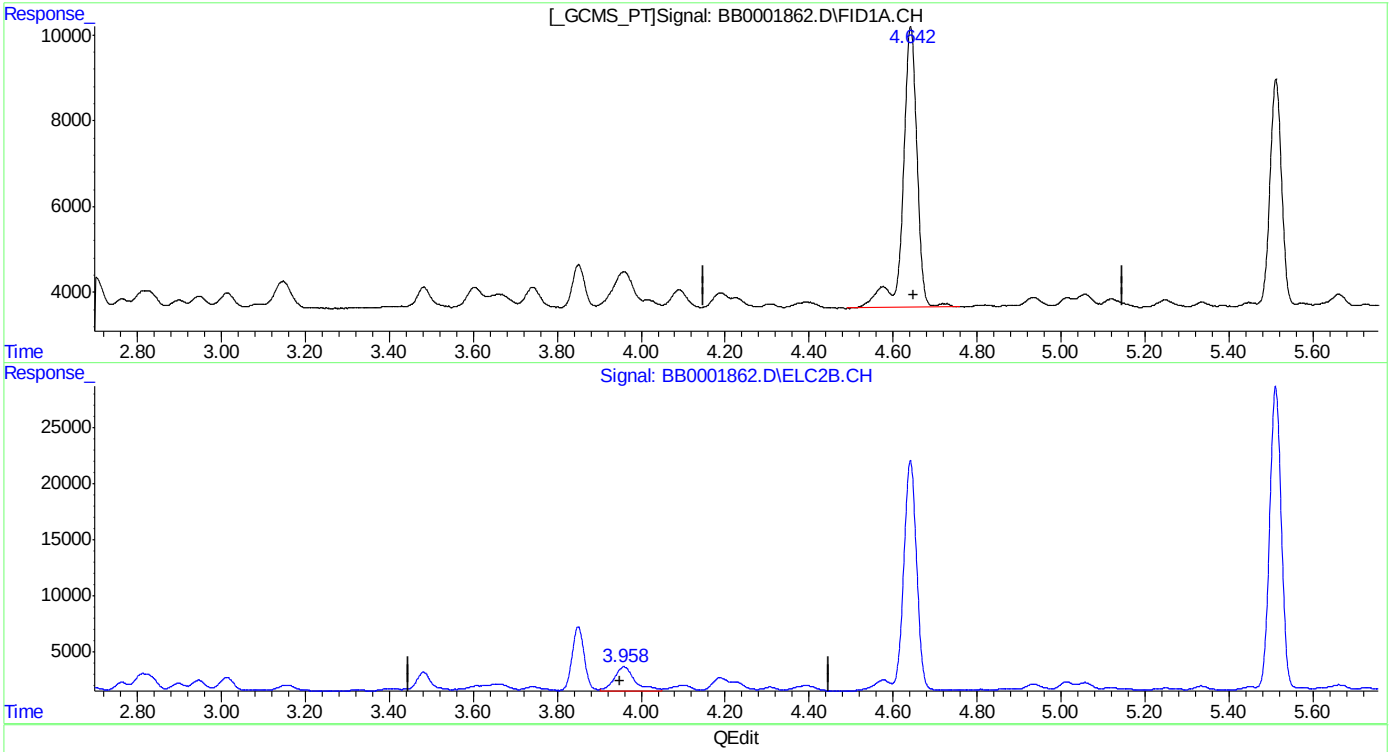
T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB108,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:35:27 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 41.164 ug/L
response 154370

(1) aaa-Trifluorotoluene #2 (S)
3.959min 25.641 ug/L
response 74520

(+) = Expected Retention Time
BB78.m Wed Sep 08 09:35:30 2010

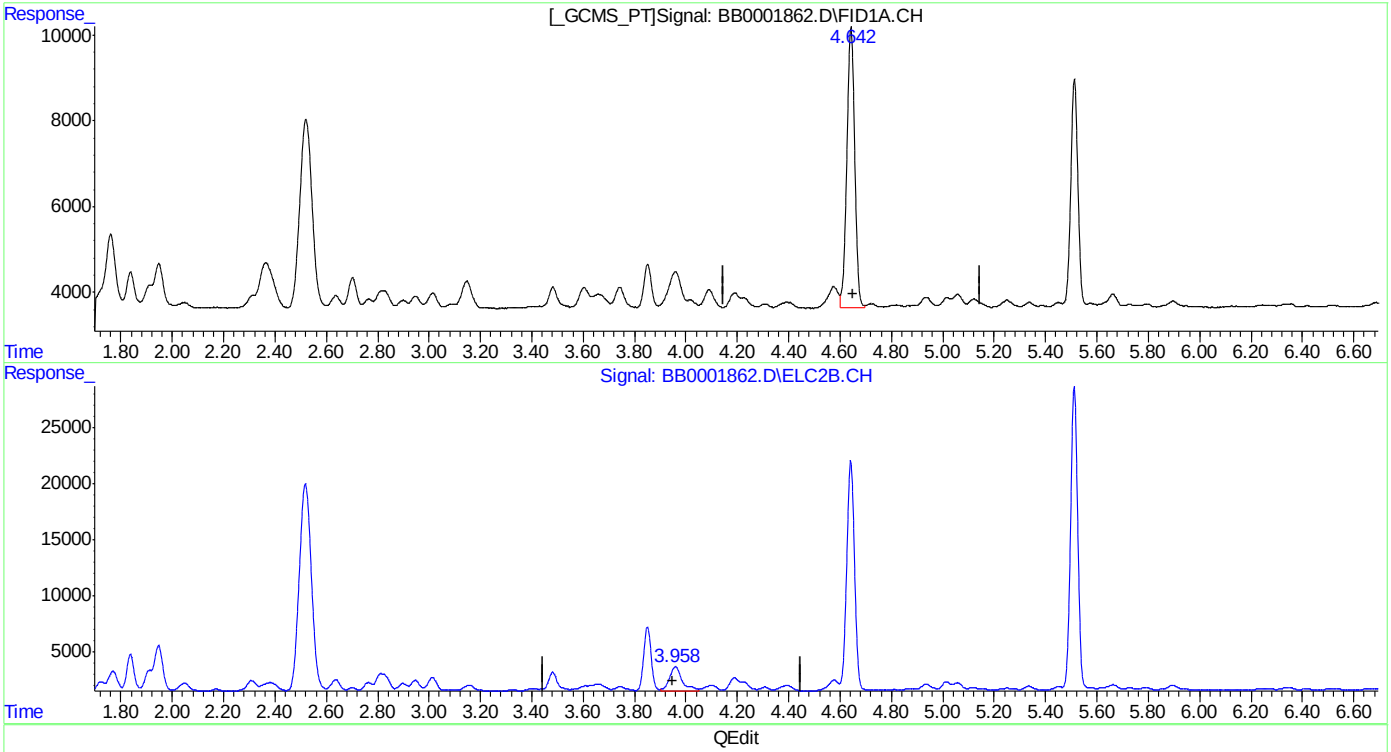
ACCUTEST LABORATORIES T59309

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB108,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:35:27 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(1) aaa-Trifluorotoluene (S)
4.642min 37.184 ug/L m
response 139444

(1) aaa-Trifluorotoluene #2 (S)
3.959min 25.641 ug/L
response 74520

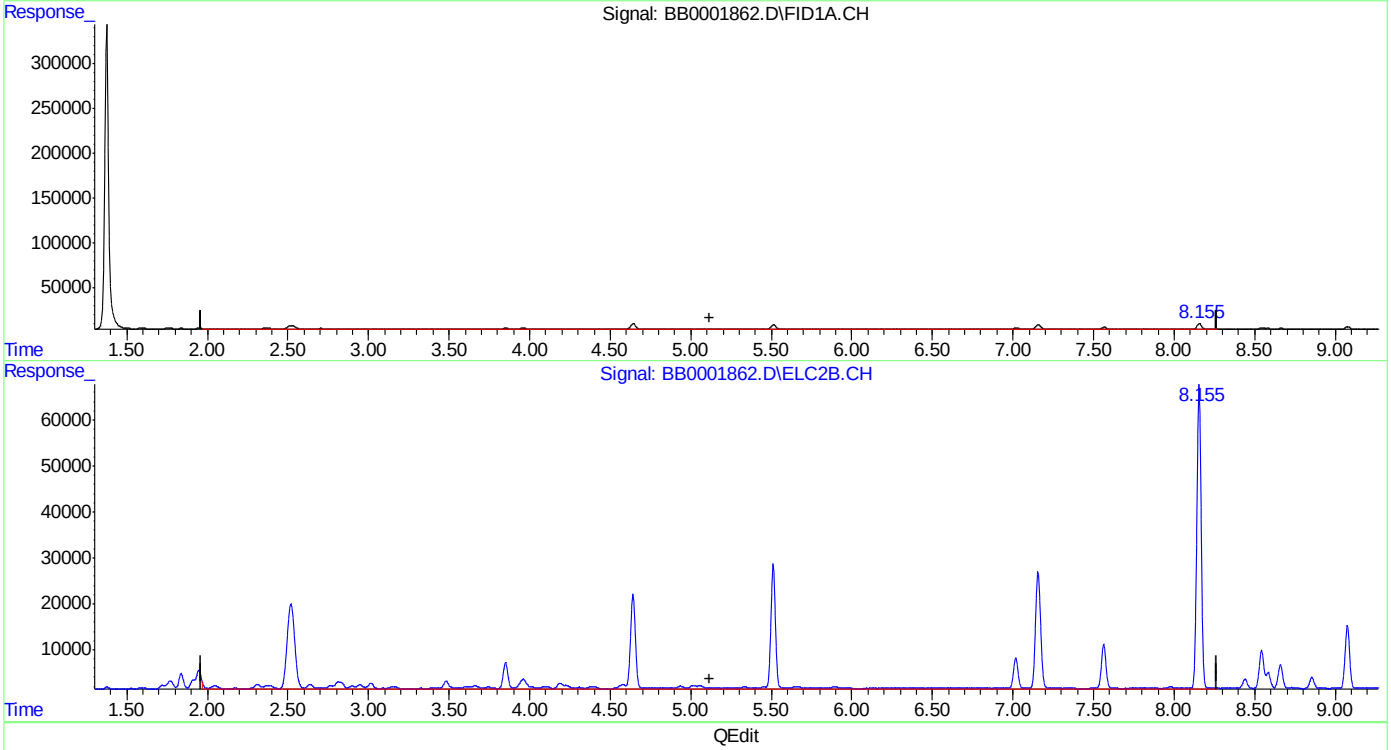
(+) = Expected Retention Time
BB78.m Wed Sep 08 09:35:48 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB108,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:35:27 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



(2) TPH-GRO (C6-C10) (H)
5.117min 270.074 ug/L m
response 855009

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 325.311 ug/L m
response 4665284

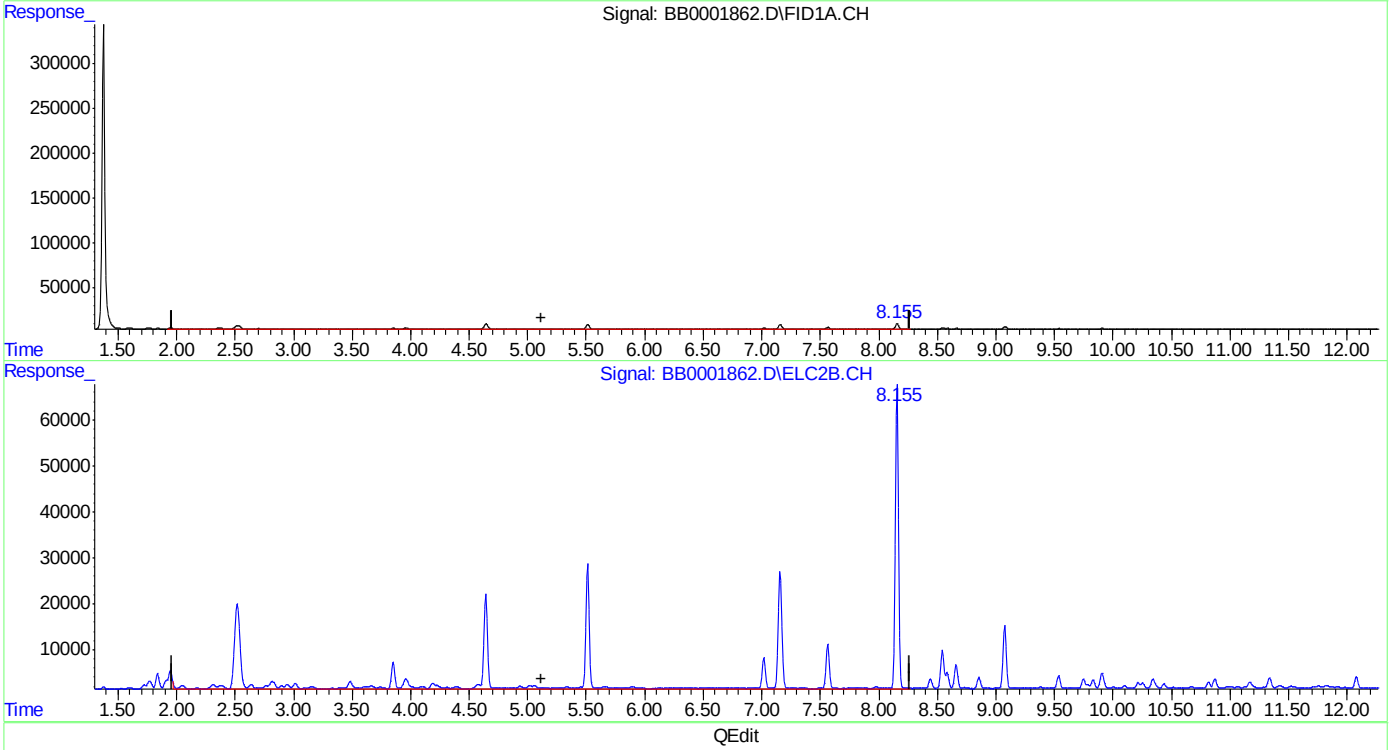
(+) = Expected Retention Time
BB78.m Wed Sep 08 09:35:53 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB108,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:35:27 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 324.815 ug/L m
response 1028311

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 325.311 ug/L m
response 4665284

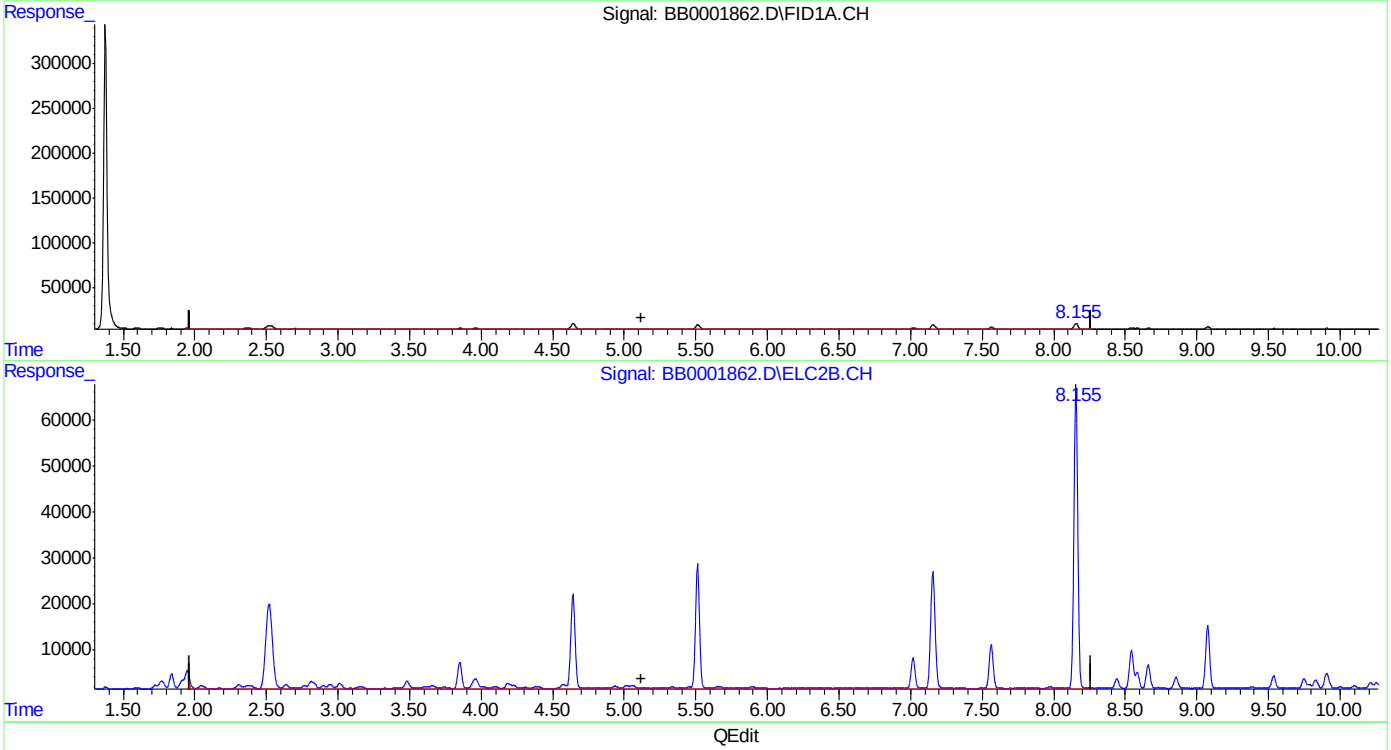
(+) = Expected Retention Time
BB78.m Wed Sep 08 09:39:18 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\BB108\
Data File : BB0001862.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 07-Sep-10, 19:30:14
Operator : anthonyt
Sample : cc78-400
Misc : gc3330,GBB108,5,,,5,,soil
ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Sep 08 09:39:06 2010
Quant Method : C:\msdchem\1\methods\BB78.m
Quant Title : TPH-GRO (C6-C10)
QLast Update : Sat Jun 19 14:24:57 2010
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Rxi-624Sil MS Signal #2 Phase: Rxi-624Sil
Signal #1 Info : 0.32 mm Signal #2 Info : 0.32 mm



QEdit

(2) TPH-GRO (C6-C10) (H)
5.117min 328.669 ug/L m
response 1040511

(2) TPH-GRO (C6-C10) #2 (H)
5.117min 325.311 ug/L m
response 4665284

(+) = Expected Retention Time
BB78.m Wed Sep 08 09:45:13 2010

ACCUTEST LABORATORIES T59309

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB108-109

Date: 9/07/10

Analyst Signature:

Standard Data		Standard Data
Ref #	Description	
A	GC Surrogate ~~GV939~~ 9/7/10 GV964	
B	8015 GRO Marker GV951	
C	8015 Standard + GC Surrogate GV965	
D	8015 BS/MS/MSD GV 970	
E	OK Standards	
F	OK LCS AT 9/07/10	

Columns:	RTX-624sil ms
SW-846/EPA Method:	8015 GRO
Initial Cal. Method	1C78
Calibration Date:	8/17/10
Solvent ID #:	RV100727
Solvent:	Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial#	Med. Lvl	Run OK	Comments	Init.
A/B	BB0001838	marker	5	8015	W	N/A	1	N/A	N/A	N/A	Y	10µl /40ml	AT
C	39	cc78-400										200µl /50ml	
A/D	40	bs										FL-PON GRO failed 200µl /50ml	
A/D	41	bsd										FL-PON GRO failed 200µl /50ml	
A/D	42	bs										200µl /50ml	
A/D	43	bsd										200µl /50ml	
A	44	mb, 50x						50x		Y		1ml/50ml methanol	
	45	t59309-1				<2		1x	12	N/A			
	46	t58850-19	5.19		S	N/A		50x	N/A	Y		CFS 1ml/50ml	
	47	11	5.00					500x				CFS 100µl /50ml	
A/D	48	t59309-1ms	5		W	<2		1x	14	N/A		160µl /40ml	
A/D	49	1msd							14			160µl /40ml	
C	50	cc78-800				N/A		N/A	N/A			400µl /50ml	
A	51	ccb										clean-up blank	
	52	t59309-2			W	<2		1x	12				
	53	t59312-1	5.05		S	N/A		50x	N/A	Y		1ml/ 50ml	
A/D	54	1ms	5.05									200µl std + 1ml/50ml	
A/D	55	1msd	5.05									200µl std + 1ml/50ml	
A	56	t59311-1	5.34									1ml/50ml	
	57	2	5.03				20					1ml/50ml	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

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Form: GC009 Rev.01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB108-109

Date: 09/07/10

Analyst Signature:

Standard Data		Standard Data
Ref #	Description	
A	GC Surrogate	
B	8015 GRO Marker	
C	8015 Standard + GC Surrogate	
D	8015 BS/MS/MSD	
E	OK Standards	
F	OK LCS	

See page 27

Columns: RTX-624sil ms

SW-846/EPA Method:

Initial Cal. Method

Calibration Date:

Solvent ID #:

Solvent: Methanol

See page 27

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	BB0001858	t59309-3	5.21	8015	S	N/A	21	50x	N/A	Y	Y	1ml/50ml	AT
	59	4	5.27										
	60	t59243-12	5.64									re-run sample cc not within 15% pvny	
	61	t59243-8	1.34					1000x				re-run sample cc not within 50µl/50ml 15% for el-pesu	
C	62	cc78-400	5					N/A		N/A		200µl/50ml	
A	63	ccb										cleanup - blank	
	64	t59243-3			W	<2		1x	3			re-run sample cc not within 15% for el-pesu	
	65	4							1				
	66	5				>2			1				
	67	15				>2			N/A				
	68	10	1.94		S	N/A	1	2000x	1			re-run sample cc not within 15% for 25µl/50ml el-pest	
C	69	cc78-800	5			N/A	32	N/A	N/A			400µl/50ml	

AT 9/07/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

Form: GC009 Rev 01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB108-109

Date: 9/07/10

Analyst Signature:

Standard Data		Standard Data
Ref #	Description	
A	GC Surrogate ~~GV939~~ 9/7/10 GV964	
B	8015 GRO Marker GV951	
C	8015 Standard + GC Surrogate GV965	
D	8015 BS/MS/MSD GV 970	
E	OK Standards	
F	OK LCS AT 9/07/10	

Columns:	RTX-624sil ms
SW-846/EPA Method:	8015 GRO
Initial Cal. Method	1C78
Calibration Date:	8/17/10
Solvent ID #:	RV100727
Solvent:	Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial#	Med. Lvl	Run OK	Comments	Init.
A/B	BB0001838	marker	5	8015	W	N/A	1	N/A	N/A	N/A	Y	10µl /40ml	AT
C	39	cc78-400										200µl /50ml	
A/D	40	bs										FL-COA GRO failed 200µl /50ml	
A/D	41	bsd										FL-COA GRO failed 200µl /50ml	
A/D	42	bs										200µl /50ml	
A/D	43	bsd										200µl /50ml	
A	44	mb, 50x						50x		Y		1ml/50ml methanol	
	45	t59309-1				<2		1x	12	N/A			
	46	t58850-19	5.19		S	N/A		50x	N/A	Y		CFS 1ml/50ml	
	47	11	5.00					500x				CFS 100µl /50ml	
A/D	48	t59309-1ms	5		W	<2		1x	14	N/A		160µl /40ml	
A/D	49	msd							14			160µl /40ml	
C	50	cc78-800				N/A		N/A	N/A			400µl /50ml	
A	51	ccb										clean-up blank	
	52	t59309-2			W	<2		1x	12				
	53	t59312-1	5.05		S	N/A		50x	N/A	Y		1ml/ 50ml	
A/D	54	ms	5.05									200µl std + 1ml/50ml	
A/D	55	msd	5.05									200µl std + 1ml/50ml	
A	56	t59311-1	5.34									1ml/50ml	
	57	2	5.03				20					1ml/50ml	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

Form: GC009 Rev.01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB108-109

Date: 09/07/10

Analyst Signature:

Standard Data

Ref #	Description
A	GC Surrogate
B	8015 GRO Marker
C	8015 Standard + GC Surrogate
D	8015 BS/MS/MSD
E	OK Standards
F	OK LCS

Standard Data

See page 27

Columns: RTX-624sil ms

SW-846/EPA Method:

Initial Cal. Method

Calibration Date:

Solvent ID #:

Solvent: Methanol

See page 27

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A	BB0001858	t59309-3	5.21	8015	S	N/A	21	50x	N/A	Y	Y	1ml/50ml	AT
	59	4	5.27										
	60	t59243-12	5.64									re-run sample cc not within 15% pnny	
	61	t59243-8	1.34					1000x				re-run sample cc not within 50µl/50ml 15% for el-pesu	
C	62	cc78-400	5					N/A		N/A		200µl/50ml	
A	63	ccb										cleanup - blank	
	64	t59243-3			W	<2		1x	3			re-run sample cc not within 15% for el-pesu	
	65	4							1				
	66	5				>2			1				
	67	15				>2			N/A				
	68	10	1.94		S	N/A	1	2000x	1			re-run sample cc not within 15% for 25µl/50ml el-pest	
C	69	cc78-800	5			N/A	32	N/A	N/A			400µl/50ml	

AT 9/07/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

Form: GC009 Rev 01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB078 - 079 - 080

Date: 8/17/10

Analyst Signature:

Standard Data		Standard Data
Ref #	Description	
A	GC Surrogate	GV938
B	8015 GRO Marker	GV917
C	8015 Standard + GC Surrogate	GV941
D	8015 BS/MS/MSD	GV 946
E	OK Standards	
F	OK LCS	AT 8/17/10

Columns:	DB624
SW-846/EPA Method:	8015 GRO
Initial Cal. Method	IC78 recalibrated due to low LCS recoveries
Calibration Date:	8/17/10
Solvent ID #:	RV100727
Solvent:	Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A/B	BB0001341	marker	5	8015	W	N/A	1	N/A	N/A	N/A	Y	10µl/40ml	AT
~~E~~ C AT 8/17/10	42	IC78-50										25µl/50ml	
C	43	IC78-100										50µl/50ml	
	44	IC78-200										100µl/50ml	
	45	IC78-400										200µl/50ml	
	46	IC78-800										400µl/50ml	
	47	IC78-1000										500µl/50ml	
	48	IC78-2000										1000µl/5ml	
A	49	ccb										clean-up blank	
A/D	50	ICV-400										200µl/50ml	
A/D	51	bs			S							200µl/50ml	
A/D	52	bsd			S							200µl/50ml	
A	53	mb,50x			S			50x		Y		1ml/50ml methanol	
	54	tS8072-1	5.43		S							1ml/50ml	
	55	tS8070-1	5.31										
	56	tS8072-3	5.05										
	57	tS8072 2	5.55										
	58	3	5.37										
A/D	59	tS8070-3ms	5.05									200µl std + 1ml/50ml	
A/D	60	3msd	5.05				20					200µl std + 1ml/50ml	

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

Form: GC009 Rev.01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB 078-079-080

Date: 8/17/10

Analyst Signature:

Standard Data

Ref #	Description
A	GC Surrogate
B	8015 GRO Marker
C	8015 Standard + GC Surrogate
D	8015 BS/MS/MSD
E	OK Standards
F	OK LCS

Standard Data

See page 94

Columns: DB624

SW-846/EPA Method:

Initial Cal. Method

Calibration Date:

See page 94

Solvent ID #:

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
C	BB0001361	cc78-800	5	8015	S	N/A	21	N/A	N/A	N/A	Y	400µl / 50ml	AT
A	62	ccb										clean-up blank	
	63	tS8072-4	5.65					50x		Y		1ml / 50ml	
	64	tS8071-1	5.11										
	65	3	5.59										
	66	5	5.10										
	67	7	5.15										
	68	9	5.53										
	69	tS8075-1	5.22										
A/D	70	ms	5.22									200µl std + 1ml / 50ml	
A/D	71	msd	5.22									200µl std + 1ml / 50ml	
C	72	cc78-400	5					N/A		N/A		200µl / 50ml	
A/D	73	bs										200µl / 50ml	
A/D	74	bsd										200µl / 50ml	
A	75	mb, 50x						50x		Y		1ml / 50ml methanol	
	76	tS8107-8	5.09									1ml / 50ml	
	77	tS8076-1	5.34										
	78	3	5.49									correction 1m/50m preserved in MeOH re-run sample preserved in H_2O	
	79	4	5.17									1ml / 50ml	
	80	7	5.07				40						

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

Form: GC009 Rev.01 6/15/09

ACCUTEST

GC VOLATILE ANALYSIS LOG

Batch ID: GBB078-079-080

Date: 8/17/10

Analyst Signature: [signature]

Standard Data		Standard Data
Ref #	Description	
A	GC Surrogate	See page 94
B	8015 GRO Marker	
C	8015 Standard + GC Surrogate	
D	8015 BS/MS/MSD	
E	OK Standards	
F	OK LCS	

Columns: DB624

SW-846/EPA Method:

Initial Cal. Method

Calibration Date:

Solvent ID #: See page 94

Solvent: Methanol

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	Sample ID	Sample Amount	Method	MTX	PH	ALS #	Dil.	Vial #	Med. Lvl	Run OK	Comments	Init.
A/D	BB0001381	t58076-4ms	5.17	8015	S	N/A	41	50x	N/A	Y	Y	200µl std + 1ml / 50ml	AT
A/D	82	4msd	5.17									200µl std + 1ml / 50ml	
C	83	cc78-800	5					N/A		N/A		400µl / 50ml	
A	84	ccb										clean-up blank	
	85	t58107-9	5.95					50x		Y		1ml / 50ml	
	86	10	5.06										
	87	11	5.47										
	88	12	5.72										
	89	13	5.04										
C	90	cc78-400	5				50	N/A		N/A		200µl / 50ml	

AT 8/17/10

MTX = Matrix Designate W for water, S for soil, O for oil, and TCLP or SPLP for leachates. Sample Amount = Volume (ML) or Weight (g)

☐ Data Scanned

10.6.3 10

Gulf Coast ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15930-MB	JJ6293.D	1	09/07/10	EM	09/06/10	OP15930	GJB53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-3, T59309-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	3.3	2.7	mg/kg	
	TPH (> C28-C35)	ND	3.3	2.2	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	89%	33-115%

Method Blank Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15931-MB	JJ6299.D	1	09/07/10	EM	09/06/10	OP15931	GJB53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-1, T59309-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	0.10	0.023	mg/l	
	TPH (> C28-C35)	ND	0.10	0.024	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	89%	25-112%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15930-BS	JJ6294.D	1	09/07/10	EM	09/06/10	OP15930	GJF53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-3, T59309-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C28)	33.3	29.6	89	45-107

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	95%	33-115%

Blank Spike Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15931-BS	JJ6300.D	1	09/07/10	EM	09/06/10	OP15931	GJF53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-1, T59309-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C10-C28)	1	0.833	83	22-84

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	99%	25-112%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15930-MS	JJ6295.D	1	09/07/10	EM	09/06/10	OP15930	GJB53
OP15930-MSD	JJ6296.D	1	09/07/10	EM	09/06/10	OP15930	GJF53
T59309-4	JJ6298.D	1	09/07/10	EM	09/06/10	OP15930	GJF53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-3, T59309-4

CAS No.	Compound	T59309-4 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	4.1	U	41.5	35.3	85	36.5	88	3	45-107/34

CAS No.	Surrogate Recoveries	MS	MSD	T59309-4	Limits
84-15-1	o-Terphenyl	92%	100%	97%	33-115%

11.3.1

11

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP15931-MS	JJ6301.D	1	09/07/10	EM	09/06/10	OP15931	GJB53
OP15931-MSD	JJ6302.D	1	09/07/10	EM	09/06/10	OP15931	GJF53
T59309-2	JJ6304.D	1	09/07/10	EM	09/06/10	OP15931	GJF53

The QC reported here applies to the following samples: **Method:** SW846 8015 M

T59309-1, T59309-2

CAS No.	Compound	T59309-2 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	0.10	U	2	1.72	85*	3.14	156*	58*	22-84/36

CAS No.	Surrogate Recoveries	MS	MSD	T59309-2	Limits
84-15-1	o-Terphenyl	92%	169%*	113%*	25-112%

11.3.2

11

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8015 M **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
T59309-1	JJ6303.D	45.0
T59309-2	JJ6304.D	113.0*
OP15931-BS	JJ6300.D	99.0
OP15931-MB	JJ6299.D	89.0
OP15931-MS	JJ6301.D	92.0
OP15931-MSD	JJ6302.D	169.0*

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	25-112%

(a) Recovery from GC signal #1

Semivolatile Surrogate Recovery Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Method: SW846 8015 M **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
T59309-3	JJ6297.D	81.0
T59309-4	JJ6298.D	97.0
OP15930-BS	JJ6294.D	95.0
OP15930-MB	JJ6293.D	89.0
OP15930-MS	JJ6295.D	92.0
OP15930-MSD	JJ6296.D	100.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	33-115%

(a) Recovery from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GJF53-CC50	**Injection Date:**	09/07/10
Lab File ID:	JJ6288.D	**Injection Time:**	12:54
Instrument ID:	GCJJ	**Method:**	SW846 8015 M

	S1 [a] **RT**
Check Std	9.93

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP15930-MB	JJ6293.D	09/07/10	14:23	9.55
OP15930-BS	JJ6294.D	09/07/10	14:23	9.93
OP15930-MS	JJ6295.D	09/07/10	14:52	9.55
OP15930-MSD	JJ6296.D	09/07/10	14:52	9.93
T59309-3	JJ6297.D	09/07/10	15:22	9.55
T59309-4	JJ6298.D	09/07/10	15:22	9.93
OP15931-MB	JJ6299.D	09/07/10	15:51	9.55
OP15931-BS	JJ6300.D	09/07/10	15:51	9.93
OP15931-MS	JJ6301.D	09/07/10	16:32	9.55
OP15931-MSD	JJ6302.D	09/07/10	16:32	9.93
T59309-1	JJ6303.D	09/07/10	17:02	9.55
T59309-2	JJ6304.D	09/07/10	17:02	9.93

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Check Std:	GJB53-CC50	**Injection Date:**	09/07/10
Lab File ID:	JJ6287.D	**Injection Time:**	12:54
Instrument ID:	GCJJ	**Method:**	SW846 8015 M

	S1 [a] **RT**
Check Std	9.55

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP15930-MB	JJ6293.D	09/07/10	14:23	9.55
OP15930-BS	JJ6294.D	09/07/10	14:23	9.93
OP15930-MS	JJ6295.D	09/07/10	14:52	9.55
OP15930-MSD	JJ6296.D	09/07/10	14:52	9.93
T59309-3	JJ6297.D	09/07/10	15:22	9.55
T59309-4	JJ6298.D	09/07/10	15:22	9.93
OP15931-MB	JJ6299.D	09/07/10	15:51	9.55
OP15931-BS	JJ6300.D	09/07/10	15:51	9.93
OP15931-MS	JJ6301.D	09/07/10	16:32	9.55
OP15931-MSD	JJ6302.D	09/07/10	16:32	9.93
T59309-1	JJ6303.D	09/07/10	17:02	9.55
T59309-2	JJ6304.D	09/07/10	17:02	9.93

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: GJB50-ICC50
Lab FileID: JJ6010.D

Response Factor Report GC JJ

Method : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
Title : SW 8015 DRO / ORO
Last Update : Thu Sep 02 10:18:24 2010
Response via : Initial Calibration

Calibration Files
100 =jj6018.D 250 =jj6020.D 500 =jj6022.D 1000=jj6024.D
2000=jj6026.D 5000=jj6028.D 9999=jj6030.D

Compound	100	250	500	1000	2000	5000	9999	Avg	%RSD
1)S o-Terphenyl	0.990	1.312	1.048	0.995	1.095	1.176	1.319	1.133 E3	12.31
2)S 1-Chlorooctadecan	0.904	1.184	0.963	0.915	0.997	1.041	1.183	1.026 E3	11.38
3)H TPH (C10-C28)	7.541	7.904	7.932	7.500	8.199	8.474	9.155	8.101 E2	7.13
4)H TPH (>C28-C35)	9.809	9.868	9.832	9.837	9.844	9.852	9.850	9.842 E2	0.19

(#) = Out of Range

gjb50do.m Thu Sep 02 10:42:44 2010

Initial Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF50-ICC50
Lab FileID: JJ6011.D

Response Factor Report GC JJ

Method : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
Title : SW 8015 DRO / ORO
Last Update : Thu Sep 02 09:07:24 2010
Response via : Initial Calibration

Calibration Files
100 =jj6019.D 250 =jj6021.D 500 =jj6023.D 1000=jj6025.D
2000=jj6027.D 5000=jj6029.D 9999=jj6031.D

Compound	100	250	500	1000	2000	5000	9999	Avg	%RSD
1)S o-Terphenyl	1.503	1.211	1.446	1.596	1.333	1.531	1.254	1.411 E3	10.40
2)S 1-Chlorooctadecan	1.307	1.094	1.282	1.368	1.168	1.262	1.063	1.221 E3	9.38
3)H TPH (C10-C28)	1.083	0.867	0.998	1.165	1.002	1.181	1.066	1.052 E3	10.29
4)H TPH (>C28-C35)	9.649	9.629	9.637	9.627	9.647	9.637	9.652	9.640 E2	0.10

(#) = Out of Range

gjf50do.m Thu Sep 02 10:43:35 2010

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB50-ICV50
Lab FileID: JJ6032.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\msdchem\1\DATA\GJJ50.SEC\jj6032.D         Vial: 39
 Acq On    : 01-Sep-10, 21:45:43                      Operator: Helend
 Sample    : icv50-1000,(o)                           Inst    : GC JJ
 Misc      : op15862,gjb50                            Multiplr: 1.00
 IntFile   : rteint.p

 Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
 Title        : SW 8015 DRO / ORO
 Last Update  : Thu Sep 02 10:18:24 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
 Max. RRF Dev :  15%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                        ----------NA----------
 2 S   1-Chlorooctadecane                 ----------NA----------
 3 H   TPH (C10-C28)                      ----------NA----------
 4 H   TPH (>C28-C35)         984.190 844.413     14.2   86   0.14   12.49-16.51
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6024.D   gjb50do.m        Thu Sep 02 10:41:21 2010
```

11.6.3

11

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF50-ICV50
Lab FileID: JJ6033.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\msdchem\1\DATA\GJJ50\jj6033.D            Vial: 40
 Acq On    : 01-Sep-10, 21:45:43                     Operator: Helend
 Sample    : icv50-1000,(o)                          Inst    : GC JJ
 Misc      : op15862,gjf50                           Multiplr: 1.00
 IntFile   : rteint.p

 Method       : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
 Title        : SW 8015 DRO / ORO
 Last Update  : Thu Sep 02 09:07:24 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
 Max. RRF Dev :  15%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                       ----------NA----------
 2 S   1-Chlorooctadecane                ----------NA----------
 3 H   TPH (C10-C28)                     ----------NA----------
 4 H   TPH (>C28-C35)         963.963 933.509      3.2   97   0.15   13.30-18.09
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6025.D   gjf50do.m        Thu Sep 02 09:44:56 2010
```

11.6.4

11

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB50-ICV50
Lab FileID: JJ6034.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ50.SEC\jj6034.D        Vial: 41
Acq On    : 01-Sep-10, 22:15:27                     Operator: Helend
Sample    : icv50-1000,(d)                          Inst    : GC JJ
Misc      : op15862,gjb50                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 10:18:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	S	o-Terphenyl		----------NA----------				
2	S	1-Chlorooctadecane		----------NA----------				
3	H	TPH (C10-C28)	810.077	882.914	-9.0	118	0.00	4.93-12.49
4	H	TPH (>C28-C35)		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
jj6024.D gjb50do.m Thu Sep 02 10:37:04 2010

11.6.5 11

Initial Calibration Verification

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF50-ICV50
Lab FileID: JJ6035.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ50\jj6035.D            Vial: 42
Acq On    : 01-Sep-10, 22:15:27                     Operator: Helend
Sample    : icv50-1000,(d)                          Inst    : GC JJ
Misc      : op15862,gjf50                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 09:07:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%

       Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                        ----------NA----------
 2 S   1-Chlorooctadecane                 ----------NA----------
 3 H   TPH (C10-C28)           1.052   0.938 E3  10.8   81   0.00    5.34-13.30
 4 H   TPH (>C28-C35)                     ----------NA----------
-----------------------------------------------------------------------------
-----------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6025.D   gjf50do.m        Thu Sep 02 09:44:58 2010
```

11.6.6

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB53-CC50
Lab FileID: JJ6287.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ53.SEC\jj6287.D        Vial: 17
Acq On    : 07-Sep-10, 12:54:32                     Operator: evitam
Sample    : cc50-1000,(d)                           Inst    : GC JJ
Misc      : op15919,gjb53                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 10:18:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	S	o-Terphenyl	1133.417	1302.620	-14.9	131	0.00	9.52- 9.58
2	S	1-Chlorooctadecane	1026.449	1154.260	-12.5	126	0.00	10.11-10.17
3	H	TPH (C10-C28)	810.077	899.660	-11.1	120	0.00	4.93-12.49
4	H	TPH (>C28-C35)	----------NA----------					

```
(#) = Out of Range              SPCC's out = 0  CCC's out = 0
 jj6024.D   gjb50do.m        Tue Sep 07 14:18:40 2010
```

11.6.7

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF53-CC50
Lab FileID: JJ6288.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ53\jj6288.D            Vial: 18
Acq On    : 07-Sep-10, 12:54:32                     Operator: evitam
Sample    : cc50-1000,(d)                           Inst    : GC JJ
Misc      : op15919,gjf53                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 09:07:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	S	o-Terphenyl	1.411	1.509 E3	-6.9	95	0.00	9.90- 9.96
2	S	1-Chlorooctadecane	1.221	1.213 E3	0.7	89	0.00	10.46-10.52
3	H	TPH (C10-C28)	1.052	1.125 E3	-6.9	97	0.00	5.34-13.30
4	H	TPH (>C28-C35)		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
jj6025.D gjf50do.m Tue Sep 07 14:26:12 2010

11.6.8

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB53-CC50
Lab FileID: JJ6289.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ53.SEC\jj6289.D        Vial: 19
Acq On    : 07-Sep-10, 13:24:00                     Operator: evitam
Sample    : cc50-1000,(o)                           Inst    : GC JJ
Misc      : op15919,gjb53                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 10:18:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%

       Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                        ----------NA----------
 2 S   1-Chlorooctadecane                 ----------NA----------
 3 H   TPH (C10-C28)                      ----------NA----------
 4 H   TPH (>C28-C35)         984.190 1088.683    -10.6  111   0.00   12.49-16.51
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6024.D   gjb50do.m        Tue Sep 07 14:18:42 2010
```

11.6.9

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF53-CC50
Lab FileID: JJ6290.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\msdchem\1\DATA\GJJ53\jj6290.D            Vial: 20
 Acq On    : 07-Sep-10, 13:24:01                     Operator: evitam
 Sample    : cc50-1000,(o)                           Inst    : GC JJ
 Misc      : op15919,gjf53                           Multiplr: 1.00
 IntFile   : rteint.p

 Method       : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
 Title        : SW 8015 DRO / ORO
 Last Update  : Thu Sep 02 09:07:24 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
 Max. RRF Dev :  15%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                       ----------NA----------
 2 S   1-Chlorooctadecane                ----------NA----------
 3 H   TPH (C10-C28)                     ----------NA----------
 4 H   TPH (>C28-C35)         963.963 1101.285    -14.2  114   0.00   13.30-18.09
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6025.D   gjf50do.m        Tue Sep 07 14:26:14 2010
```

11.6.10

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB53-CC50
Lab FileID: JJ6305.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ53.SEC\jj6305.D        Vial: 35
Acq On    : 07-Sep-10, 17:32:01                      Operator: evitam
Sample    : cc50-2000,(d)                            Inst    : GC JJ
Misc      : op15919,gjb53                            Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 10:18:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	RT Window
1	S	o-Terphenyl	1133.417	1873.790	-65.3#	171#	0.00	9.52- 9.58
2	S	1-Chlorooctadecane	1026.449	1632.170	-59.0#	164#	0.00	10.11-10.17
3	H	TPH (C10-C28)	810.077	1437.166	-77.4#	175#	0.00	4.93-12.49
4	H	TPH (>C28-C35)	----------NA----------					

```
(#) = Out of Range              SPCC's out = 0  CCC's out = 0
 jj6026.D   gjb50do.m        Wed Sep 08 10:38:26 2010
```

11.6.11

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJF53-CC50
Lab FileID: JJ6306.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\GJJ53\jj6306.D            Vial: 36
Acq On    : 07-Sep-10, 17:32:01                     Operator: evitam
Sample    : cc50-2000,(d)                           Inst    : GC JJ
Misc      : op15919,gjf53                           Multiplr: 1.00
IntFile   : rteint.p

Method       : C:\msdchem\1\METHODS\gjf50do.m (RTE Integrator)
Title        : SW 8015 DRO / ORO
Last Update  : Thu Sep 02 09:07:24 2010
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  15%     Max. Rel. Area : 150%

       Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl             1.411   1.845 E3 -30.8# 138   0.00    9.90- 9.96
 2 S   1-Chlorooctadecane      1.221   1.609 E3 -31.8# 138   0.00   10.46-10.52
 3 H   TPH (C10-C28)           1.052   1.585 E3 -50.7# 158#  0.00    5.40-12.90
 4 H   TPH (>C28-C35)                    ----------NA----------
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6027.D   gjf50do.m        Wed Sep 08 10:25:39 2010
```

11.6.12

11

Continuing Calibration Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday
Sample: GJB53-CC50
Lab FileID: JJ6307.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\msdchem\1\DATA\GJJ53.SEC\jj6307.D         Vial: 37
 Acq On    : 07-Sep-10, 18:01:38                      Operator: evitam
 Sample    : cc50-2000,(o)                            Inst    : GC JJ
 Misc      : op15919,gjb53                            Multiplr: 1.00
 IntFile   : rteint.p

 Method       : C:\msdchem\1\METHODS\gjb50do.m (RTE Integrator)
 Title        : SW 8015 DRO / ORO
 Last Update  : Thu Sep 02 10:18:24 2010
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
 Max. RRF Dev :  15%     Max. Rel. Area : 150%

        Compound                AvgRF   CCRF      %Dev Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   o-Terphenyl                       ----------NA----------
 2 S   1-Chlorooctadecane                ----------NA----------
 3 H   TPH (C10-C28)                     ----------NA----------
 4 H   TPH (>C28-C35)         984.190 1377.110    -39.9# 140   0.00   12.49-16.51
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    jj6026.D   gjb50do.m        Wed Sep 08 10:38:28 2010
```

11.6.13 11

Gulf Coast ACCUTEST LABORATORIES

GC Semi-volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6303.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 17:02:35
Operator : evitam
Sample : t59309-1
Misc : op15931,gjb53,990,,,1,,water
ALS Vial : 33 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:30:09 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.548	25399	22.409 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	44.82%
2) S 1-Chlorooctadecane	10.132	31633	30.818 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	61.64%

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

12.1.1

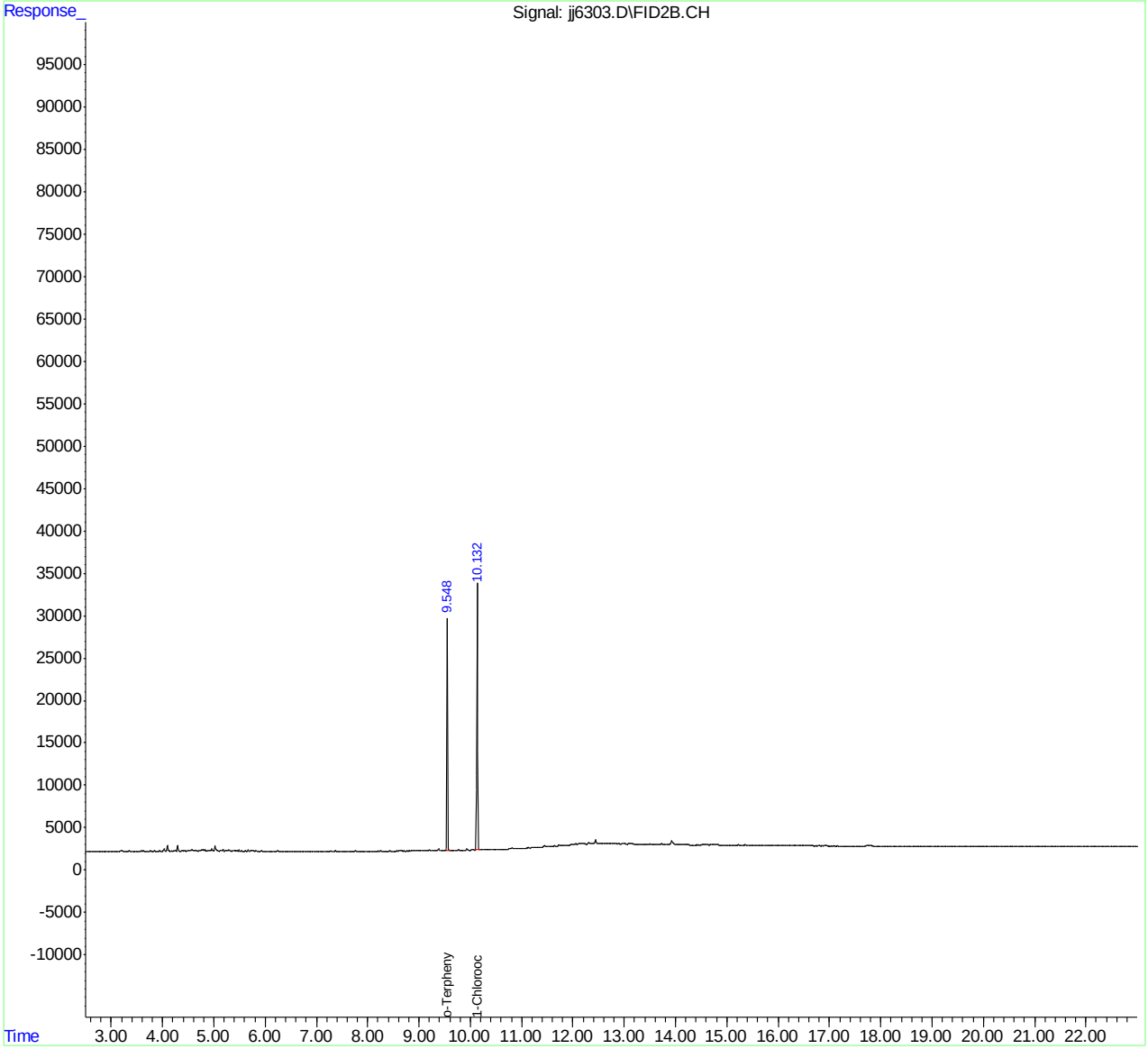
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6303.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 17:02:35
Operator : evitam
Sample : t59309-1
Misc : op15931,gjb53,990,,,1,,water
ALS Vial : 33 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:30:09 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Manual Integrations
APPROVED
(compounds with "m" flag)
Felix Oses
09/08/10 15:00

Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6304.D
Signal(s) : FID1A.CH
Acq On    : 07-Sep-10, 17:02:35
Operator  : evitam
Sample    : t59309-2
Misc      : op15931,gjf53,990,,,1,,water
ALS Vial  : 34   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 13:30:36 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :

        Compound                      R.T.       Response    Conc Units
 ------------------------------------------------------------------------------

 System Monitoring Compounds
 1) S   o-Terphenyl                  9.928          79922   56.648 ppm  m
Spiked Amount     50.000   Range  25 - 112    Recovery   =  113.30%#
 2) S   1-Chlorooctadecane          10.490          71107   58.258 ppm
Spiked Amount     50.000   Range  25 - 112    Recovery   =  116.52%#

 Target Compounds
 3) H   TPH (C10-C28)                9.321          15405   14.649 ppm
 ------------------------------------------------------------------------------

(f)=RT Delta > 1/2 Window                                  (m)=manual int.
```

12.1.2

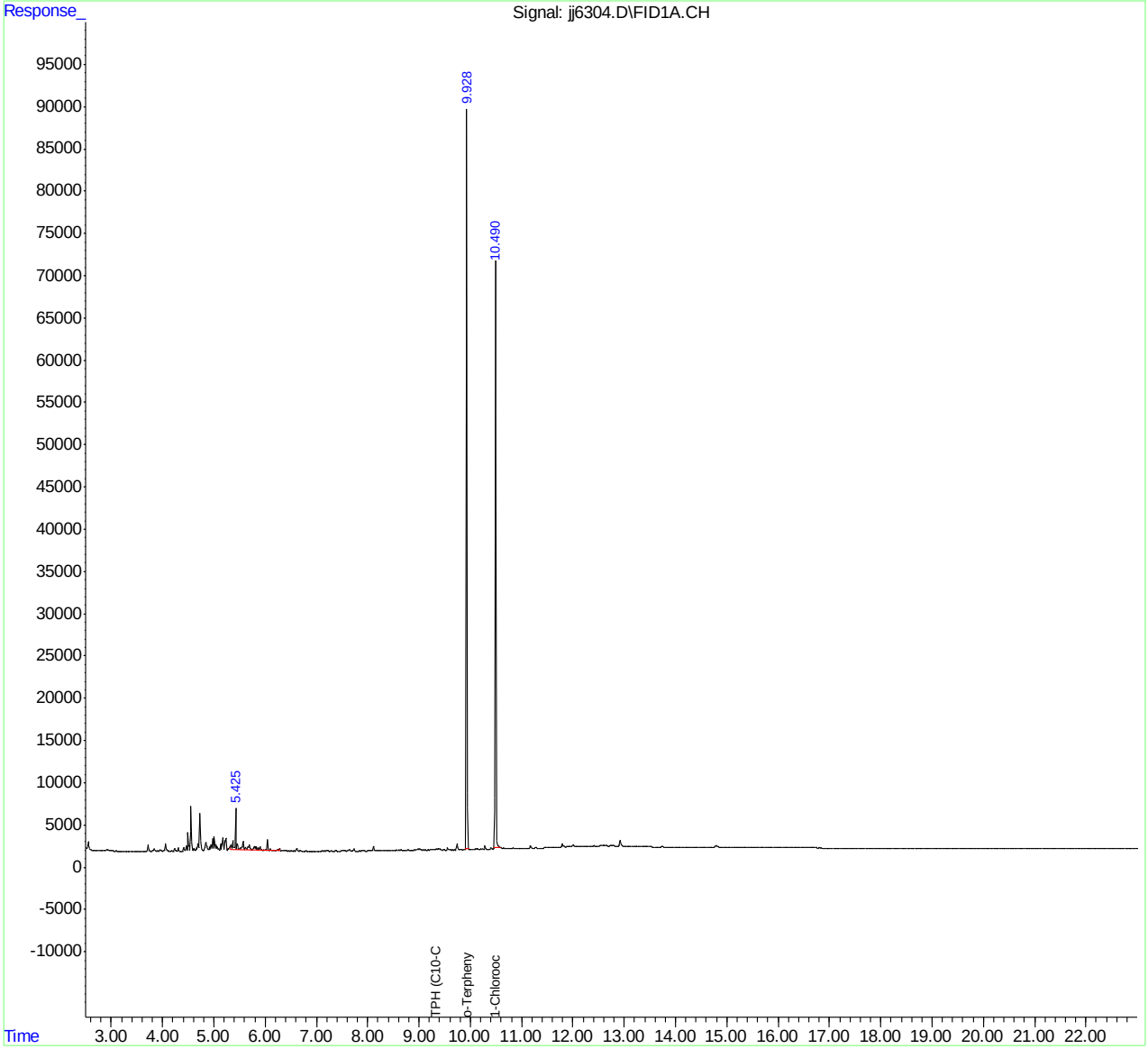
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6304.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 17:02:35
Operator : evitam
Sample : t59309-2
Misc : op15931,gjf53,990,,,1,,water
ALS Vial : 34 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 13:30:36 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

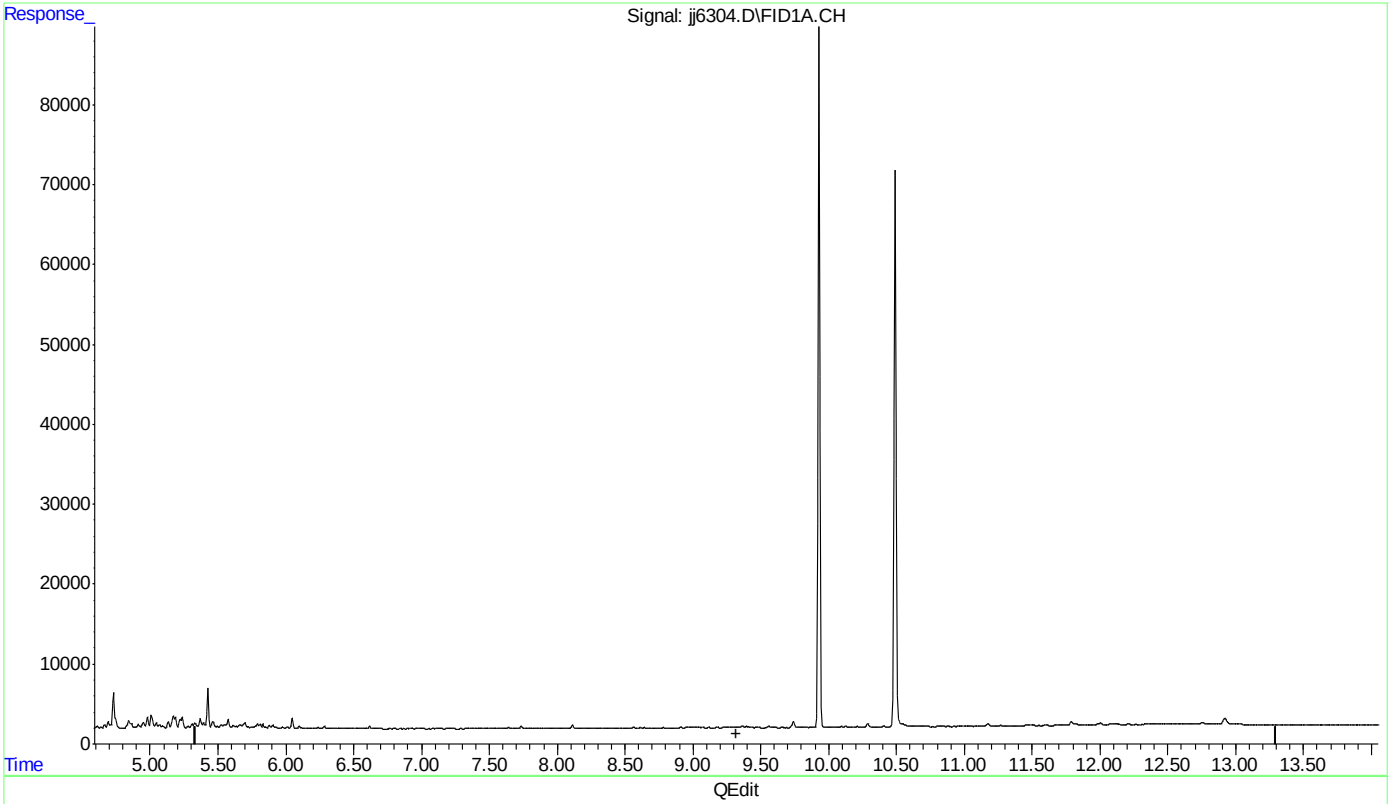


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6304.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 17:02:35
Operator : evitam
Sample : t59309-2
Misc : op15931,gjf53,990,,,1,,water
ALS Vial : 34 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 11:08:54 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



(3) TPH (C10-C28) (H)

0.000min 0.000 ppm d

response 0

(+) = Expected Retention Time

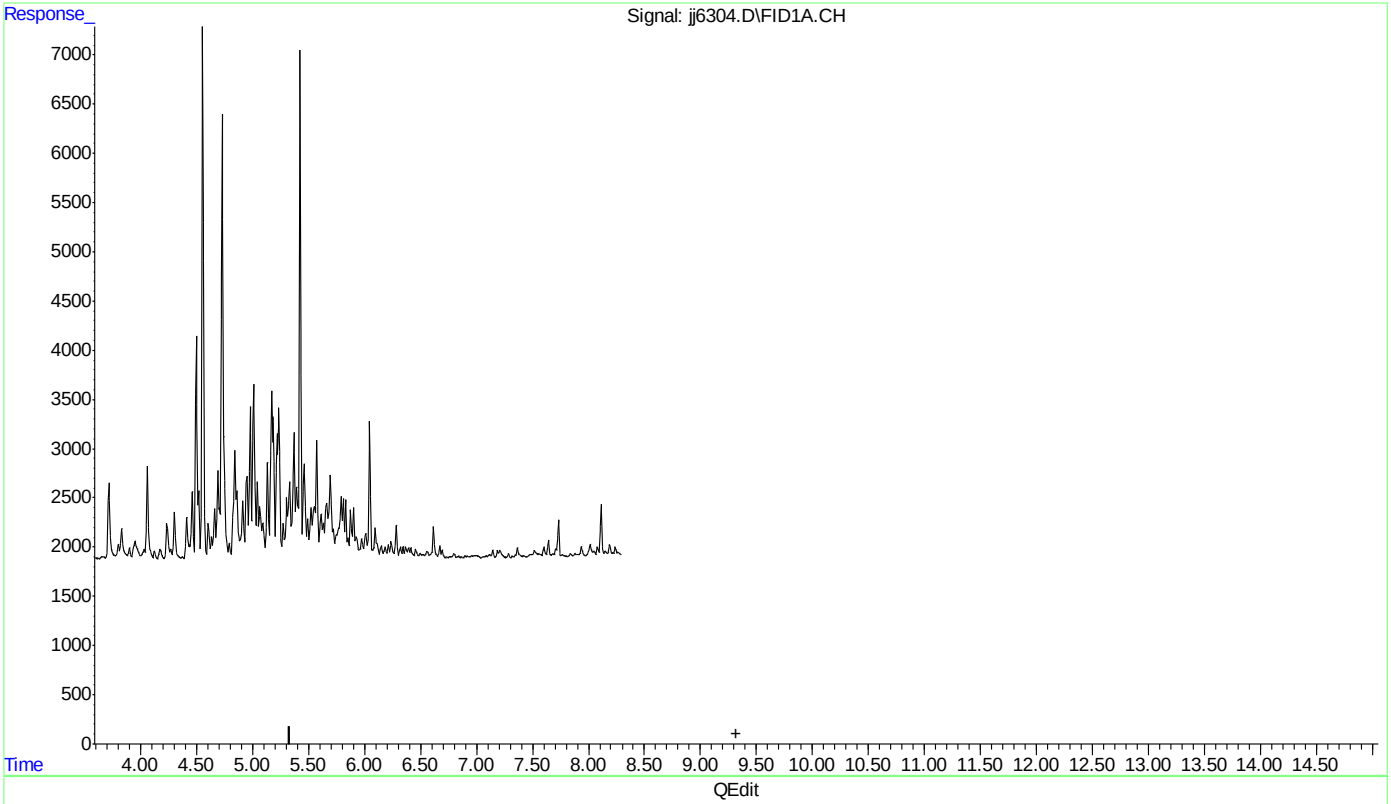
gjf50do.m Wed Sep 08 13:30:24 2010

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6304.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 17:02:35
Operator : evitam
Sample : t59309-2
Misc : op15931,gjf53,990,,,1,,water
ALS Vial : 34 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 11:08:54 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



(3) TPH (C10-C28) (H)

9.321min 14.649 ppm m

response 15405

(+) = Expected Retention Time

gjf50do.m Wed Sep 08 13:30:42 2010

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6297.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 15:22:07
Operator : evitam
Sample : t59309-3
Misc : op15930,gjb53,30.22,,,1,,solid
ALS Vial : 27 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:28:54 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.549	46087	40.662 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	81.32%
2) S 1-Chlorooctadecane	10.133	37307	36.346 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	72.69%
Target Compounds			
3) H TPH (C10-C28)	8.697	23001	28.394 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.1.3

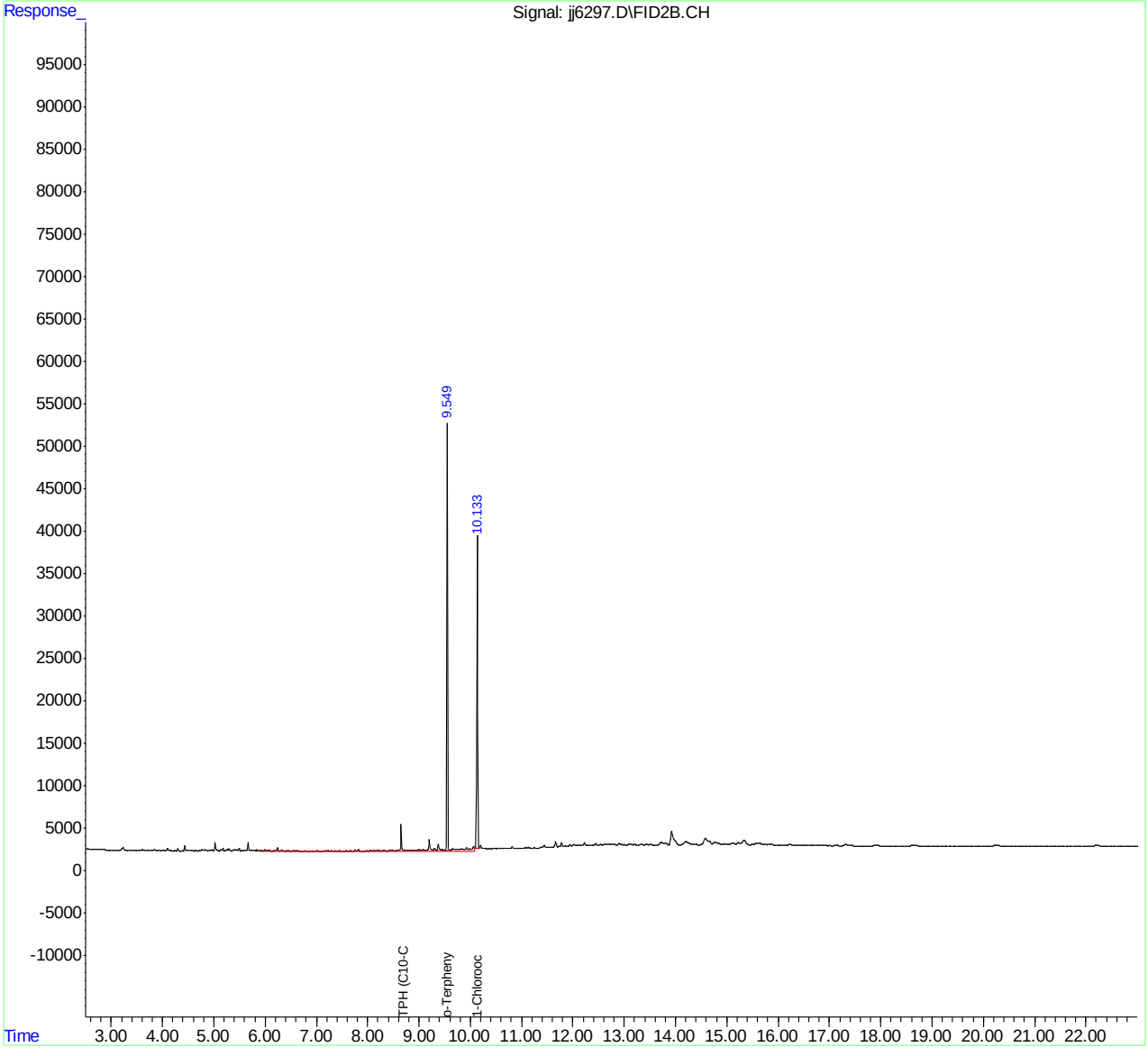
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6297.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 15:22:07
Operator : evitam
Sample : t59309-3
Misc : op15930,gjb53,30.22,,,1,,solid
ALS Vial : 27 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:28:54 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6298.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 15:22:07
Operator : evitam
Sample : t59309-4
Misc : op15930,gjf53,30.75,,,1,,solid
ALS Vial : 28 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:51:19 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.926	68761	48.737 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	97.47%
2) S 1-Chlorooctadecane	10.487	52980	43.406 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	86.81%
Target Compounds			
3) H TPH (C10-C28)	9.321	58844	55.956 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.1.4

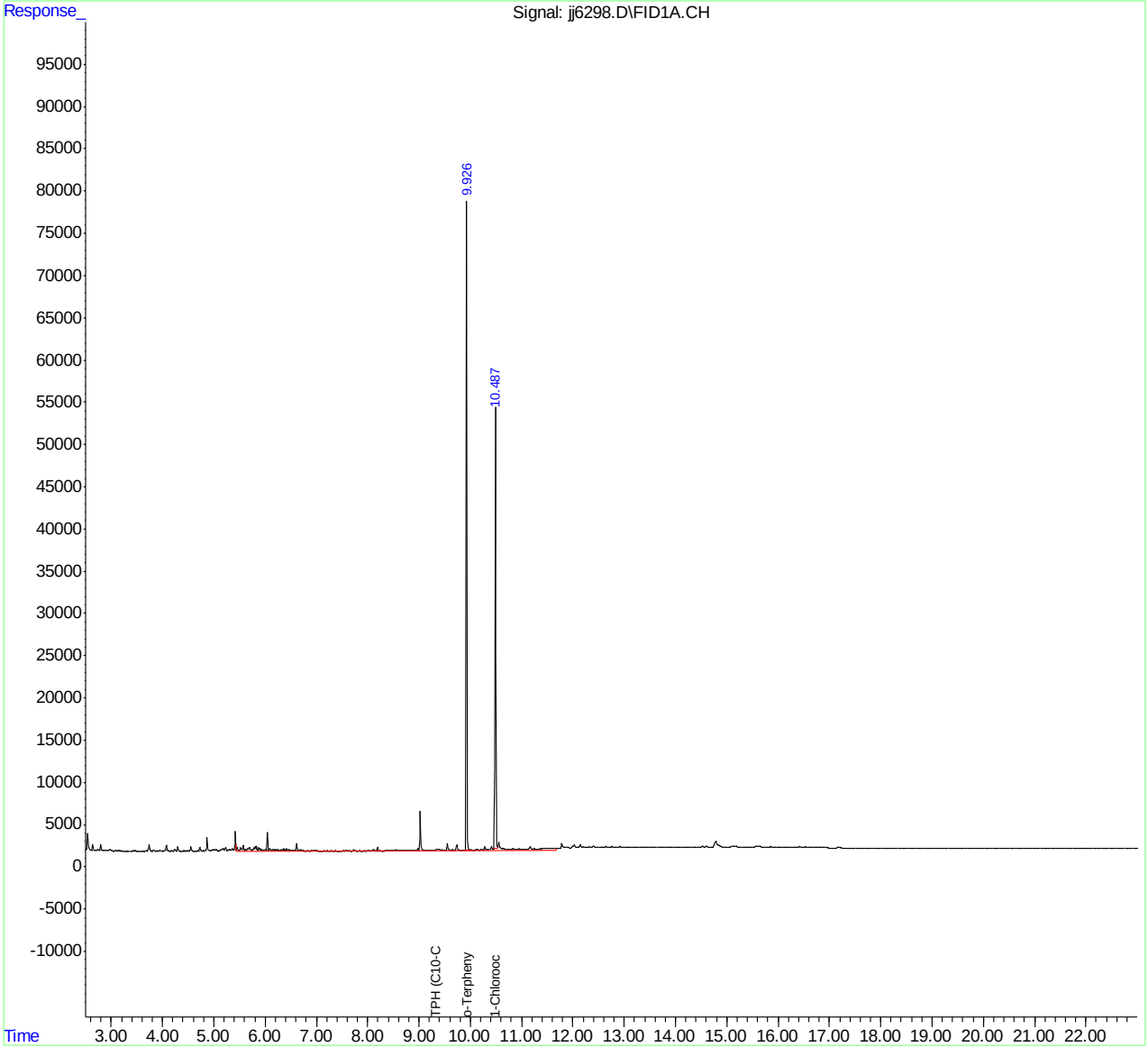
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6298.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 15:22:07
Operator : evitam
Sample : t59309-4
Misc : op15930,gjf53,30.75,,,1,,solid
ALS Vial : 28 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:51:19 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6293.D
Signal(s) : FID2B.CH
Acq On    : 07-Sep-10, 14:23:00
Operator  : evitam
Sample    : op15930-mb
Misc      : op15930,gjb53,30.00,,,1,,solid
ALS Vial  : 23   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:27:11 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :
```

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.549	50475	44.533 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	89.07%
2) S 1-Chlorooctadecane	10.132	42714	41.613 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	83.23%
Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

12.2.1

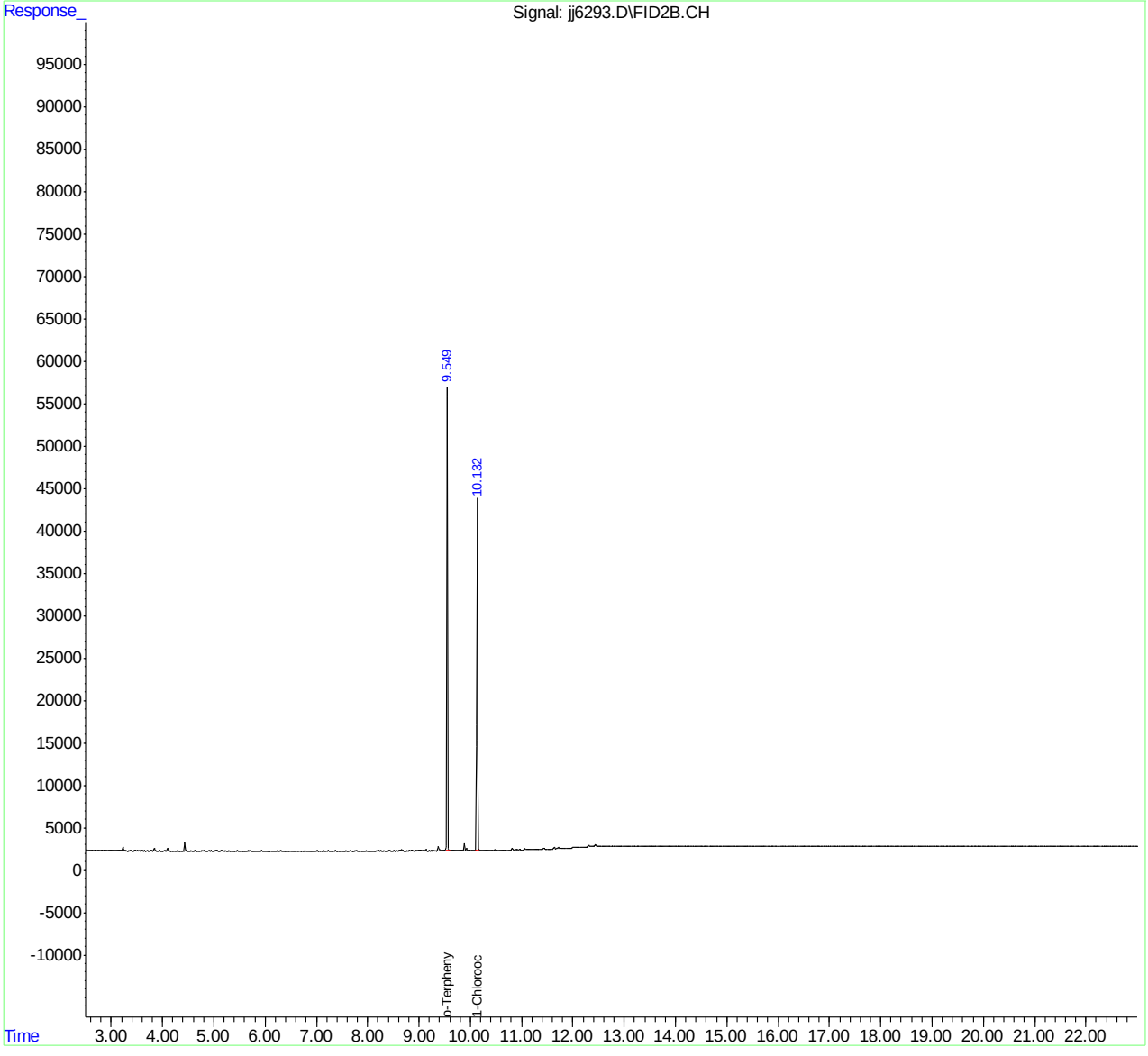
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6293.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 14:23:00
Operator : evitam
Sample : op15930-mb
Misc : op15930,gjb53,30.00,,,1,,solid
ALS Vial : 23 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:27:11 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6299.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 15:51:33
Operator : evitam
Sample : op15931-mb
Misc : op15931,gjb53,1000,,,1,,water
ALS Vial : 29 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:29:22 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.549	50536	44.587 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	89.17%
2) S 1-Chlorooctadecane	10.132	30367	29.585 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	59.17%

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

12.2.2

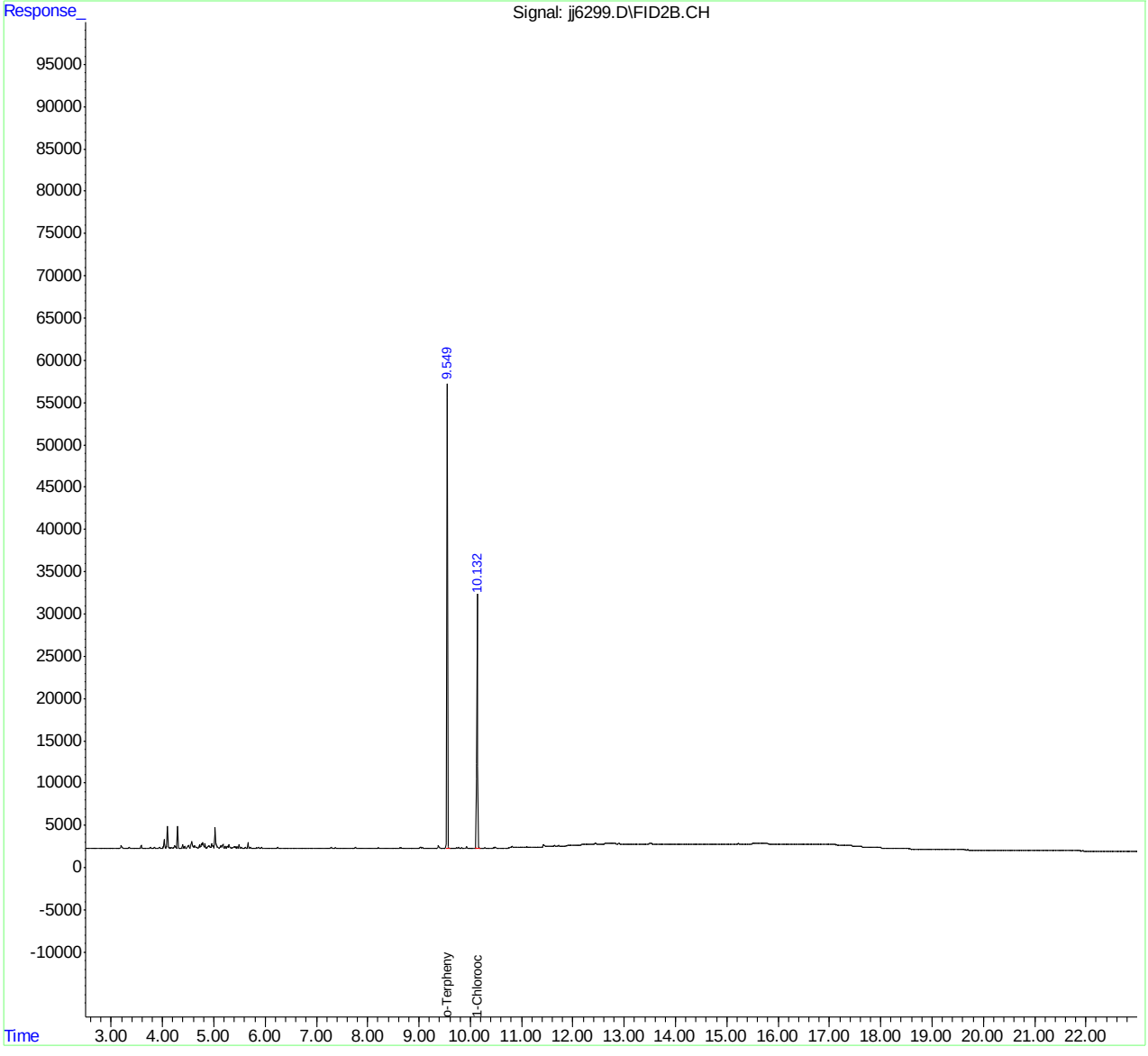
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6299.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 15:51:33
Operator : evitam
Sample : op15931-mb
Misc : op15931,gjb53,1000,,,1,,water
ALS Vial : 29 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:29:22 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6294.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 14:23:00
Operator : evitam
Sample : op15930-bs
Misc : op15930,gjf53,30.00,,,1,,solid
ALS Vial : 24 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:48:48 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.926	66926	47.437 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	94.87%
2) S 1-Chlorooctadecane	10.487	53799	44.077 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	88.15%
Target Compounds			
3) H TPH (C10-C28)	9.321	975403	927.531 ppm
4) H TPH (>C28-C35)	15.693	3504	3.635 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.3.1

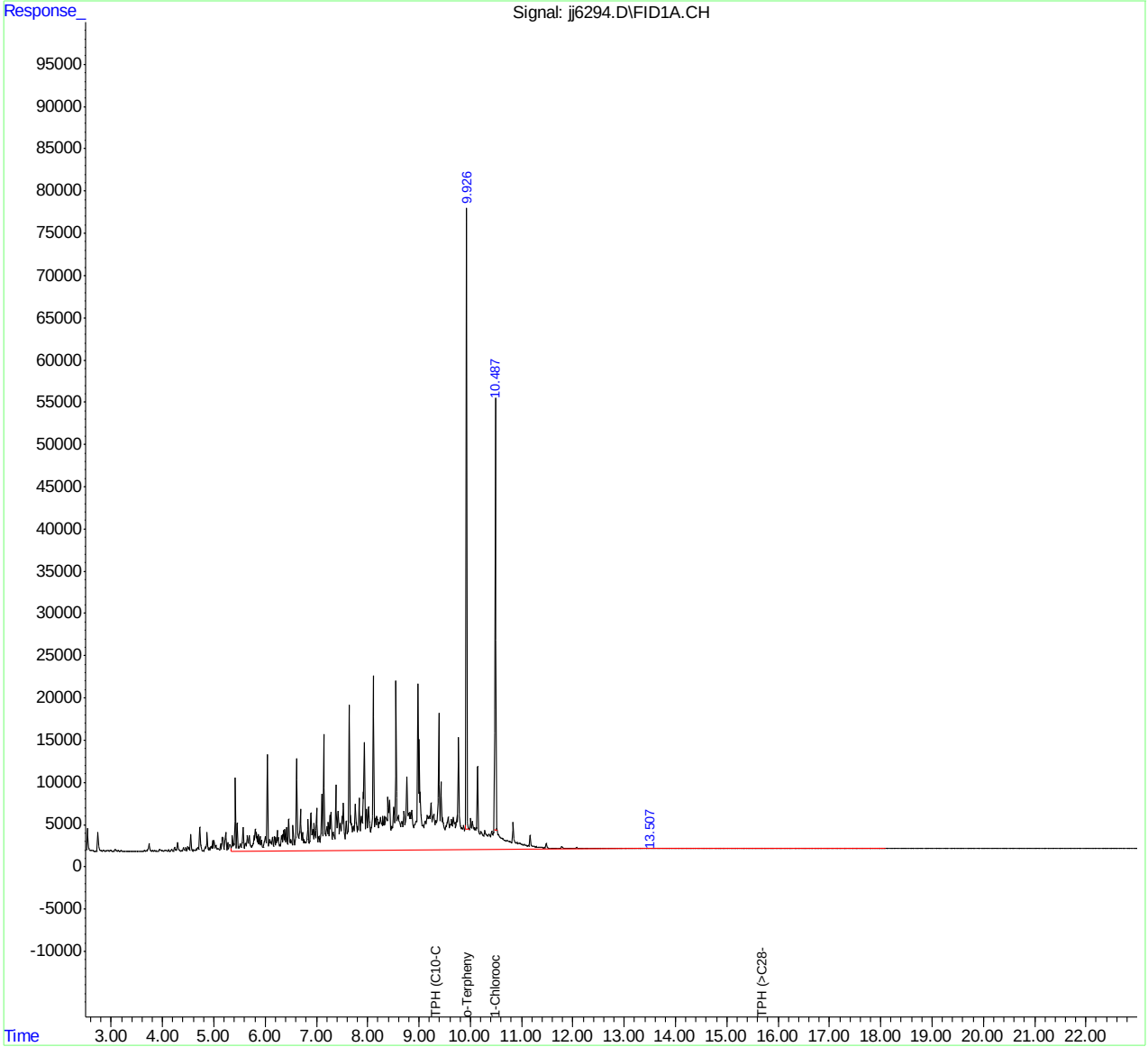
12

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6294.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 14:23:00
Operator : evitam
Sample : op15930-bs
Misc : op15930,gjf53,30.00,,,1,,solid
ALS Vial : 24 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:48:48 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6300.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 15:51:33
Operator : evitam
Sample : op15931-bs
Misc : op15931,gjf53,1000,,,1,,water
ALS Vial : 30 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:52:04 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.926	69913	49.554 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	99.11%
2) S 1-Chlorooctadecane	10.487	55884	45.786 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	91.57%
Target Compounds			
3) H TPH (C10-C28)	9.321	1018244	968.270 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.3.2

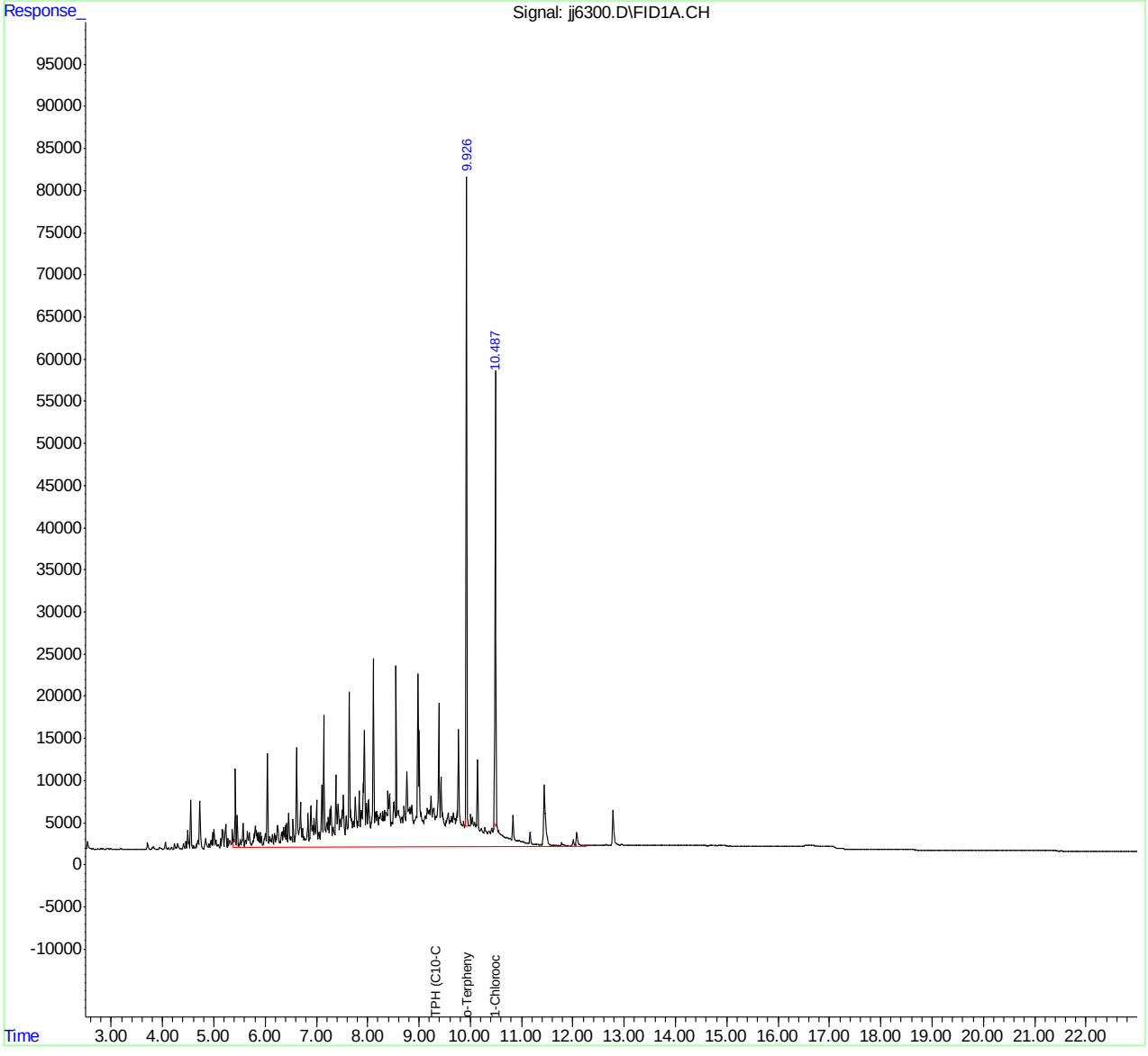
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6300.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 15:51:33
Operator : evitam
Sample : op15931-bs
Misc : op15931,gjf53,1000,,,1,,water
ALS Vial : 30 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:52:04 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6295.D
Signal(s) : FID2B.CH
Acq On    : 07-Sep-10, 14:52:30
Operator  : evitam
Sample    : op15930-ms
Misc      : op15930,gjb53,30.63,,,1,,solid
ALS Vial  : 25   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:27:34 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :
```

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.550	51926	45.814 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	91.63%
2) S 1-Chlorooctadecane	10.133	46658	45.456 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	90.91%
Target Compounds			
3) H TPH (C10-C28)	8.697	687680	848.907 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.4.1

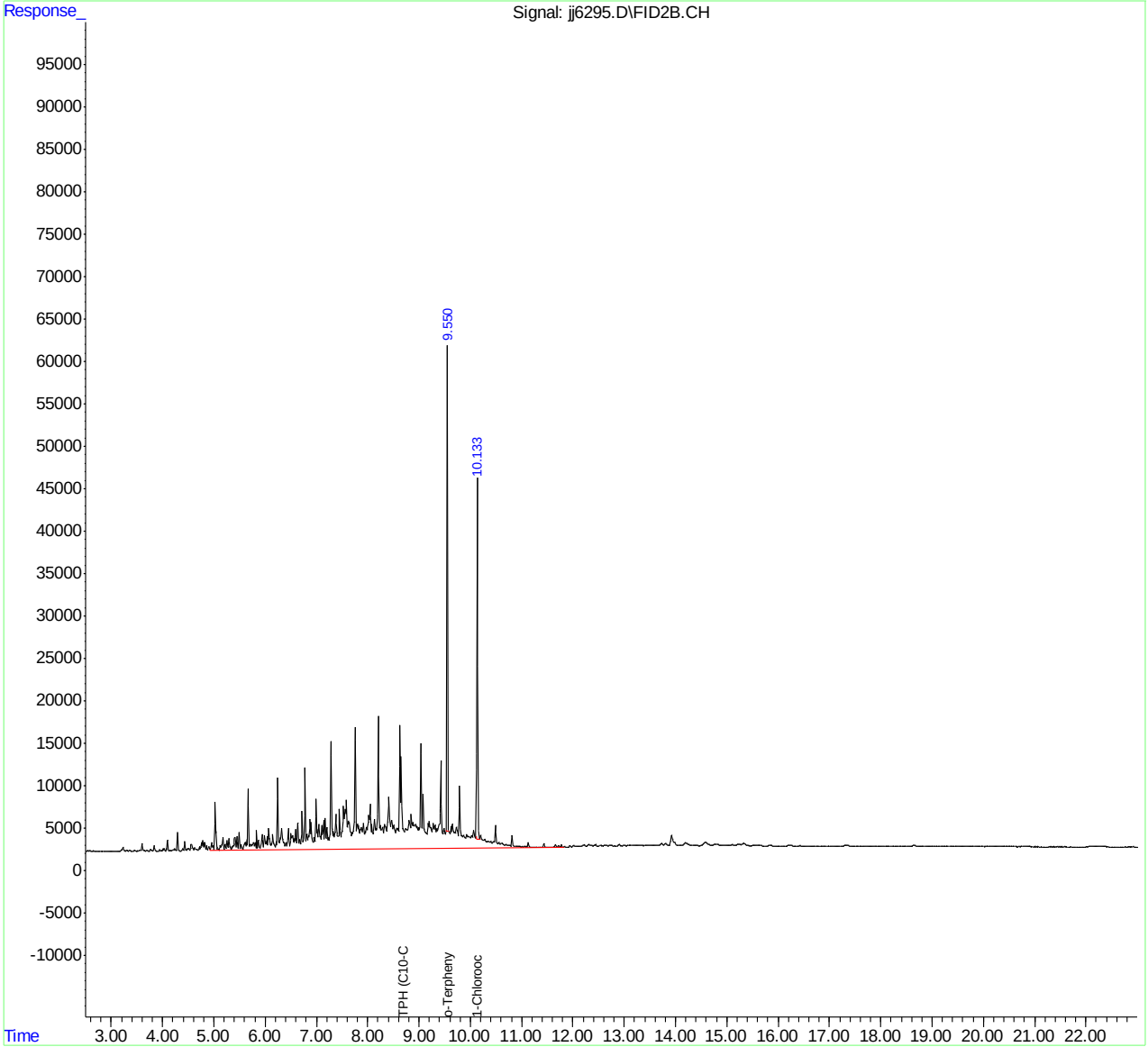
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6295.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 14:52:30
Operator : evitam
Sample : op15930-ms
Misc : op15930,gjb53,30.63,,,1,,solid
ALS Vial : 25 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:27:34 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6296.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 14:52:30
Operator : evitam
Sample : op15930-msd
Misc : op15930,gjf53,30.75,,,1,,solid
ALS Vial : 26 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:49:55 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.926	70423	49.915 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	99.83%
2) S 1-Chlorooctadecane	10.488	56544	46.326 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	92.65%
Target Compounds			
3) H TPH (C10-C28)	9.321	927121	881.619 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.4.2

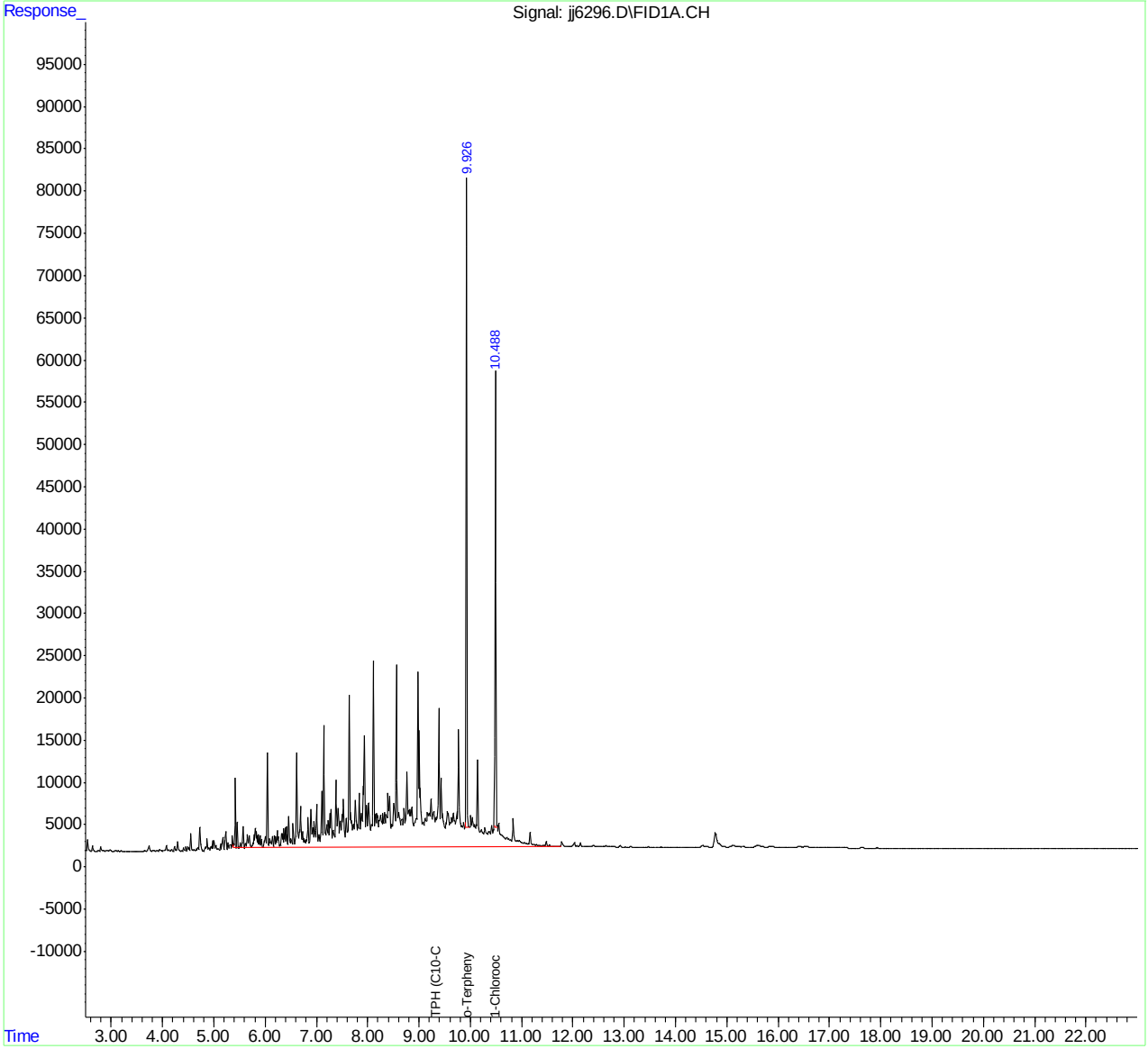
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6296.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 14:52:30
Operator : evitam
Sample : op15930-msd
Misc : op15930,gjf53,30.75,,,1,,solid
ALS Vial : 26 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:49:55 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6301.D
Signal(s) : FID2B.CH
Acq On    : 07-Sep-10, 16:32:28
Operator  : evitam
Sample    : op15931-ms
Misc      : op15931,gjb53,500,,,1,,water
ALS Vial  : 31   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:29:44 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :
```

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.550	52298	46.142 ppm
Spiked Amount 50.000 Range 25 - 112	Recovery = 92.28%		
2) S 1-Chlorooctadecane	10.133	52016	50.676 ppm
Spiked Amount 50.000 Range 25 - 112	Recovery = 101.35%		
Target Compounds			
3) H TPH (C10-C28)	8.697	695489	858.547 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.4.3

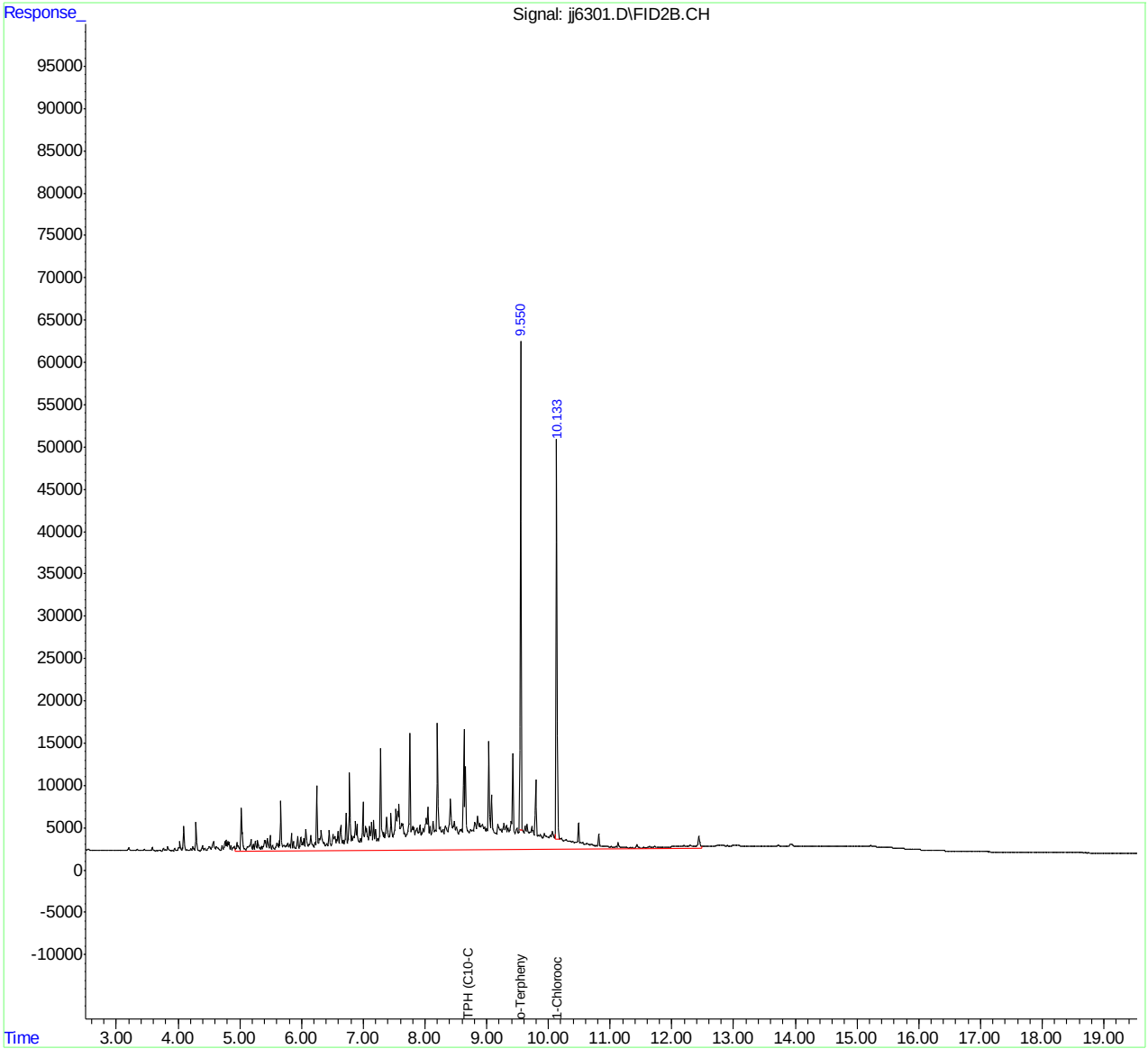
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6301.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 16:32:28
Operator : evitam
Sample : op15931-ms
Misc : op15931,gjb53,500,,,1,,water
ALS Vial : 31 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:29:44 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6302.D
Signal(s) : FID1A.CH
Acq On    : 07-Sep-10, 16:32:28
Operator  : evitam
Sample    : op15931-msd
Misc      : op15931,gjf53,500,,,1,,water
ALS Vial  : 32   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:56:14 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :

        Compound                      R.T.       Response    Conc Units
 ---------------------------------------------------------------------------

 System Monitoring Compounds
 1) S   o-Terphenyl                  9.932         119181   84.475 ppm
Spiked Amount     50.000   Range  25 - 112    Recovery   =  168.95%#
 2) S   1-Chlorooctadecane          10.508f         99155   81.238 ppm
Spiked Amount     50.000   Range  25 - 112    Recovery   =  162.48%#

 Target Compounds
 3) H   TPH (C10-C28)                9.321        1648867 1567.942 ppm
 ---------------------------------------------------------------------------

(f)=RT Delta > 1/2 Window                                  (m)=manual int.
```

12.4.4

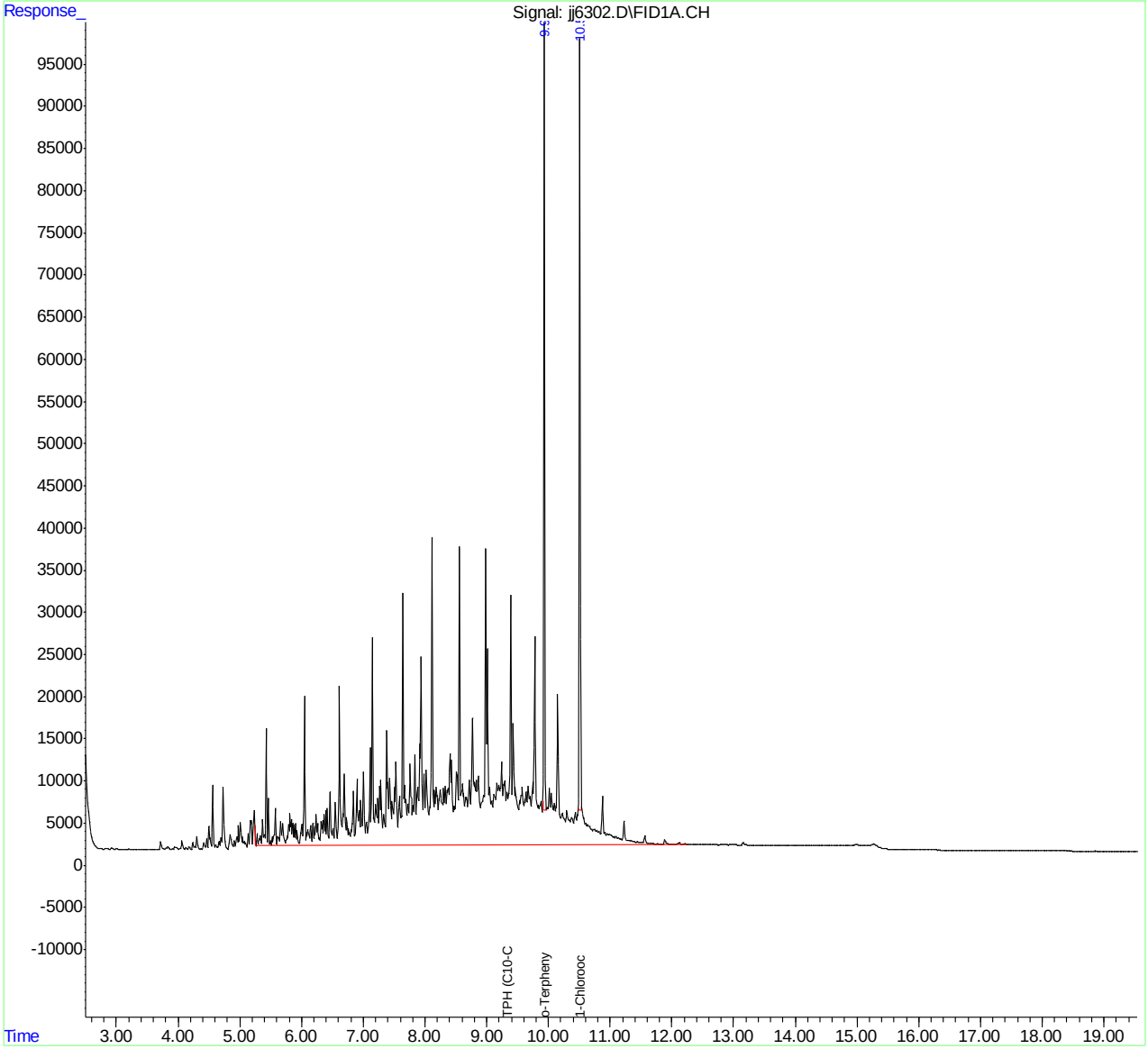
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6302.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 16:32:28
Operator : evitam
Sample : op15931-msd
Misc : op15931,gjf53,500,,,1,,water
ALS Vial : 32 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 08:56:14 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6004.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 14:47:37
Operator : Helend
Sample : ic50-100,(o)
Misc : op15862,gjb50
ALS Vial : 11 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:01:35 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:00:32 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	98090	99.427 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.1

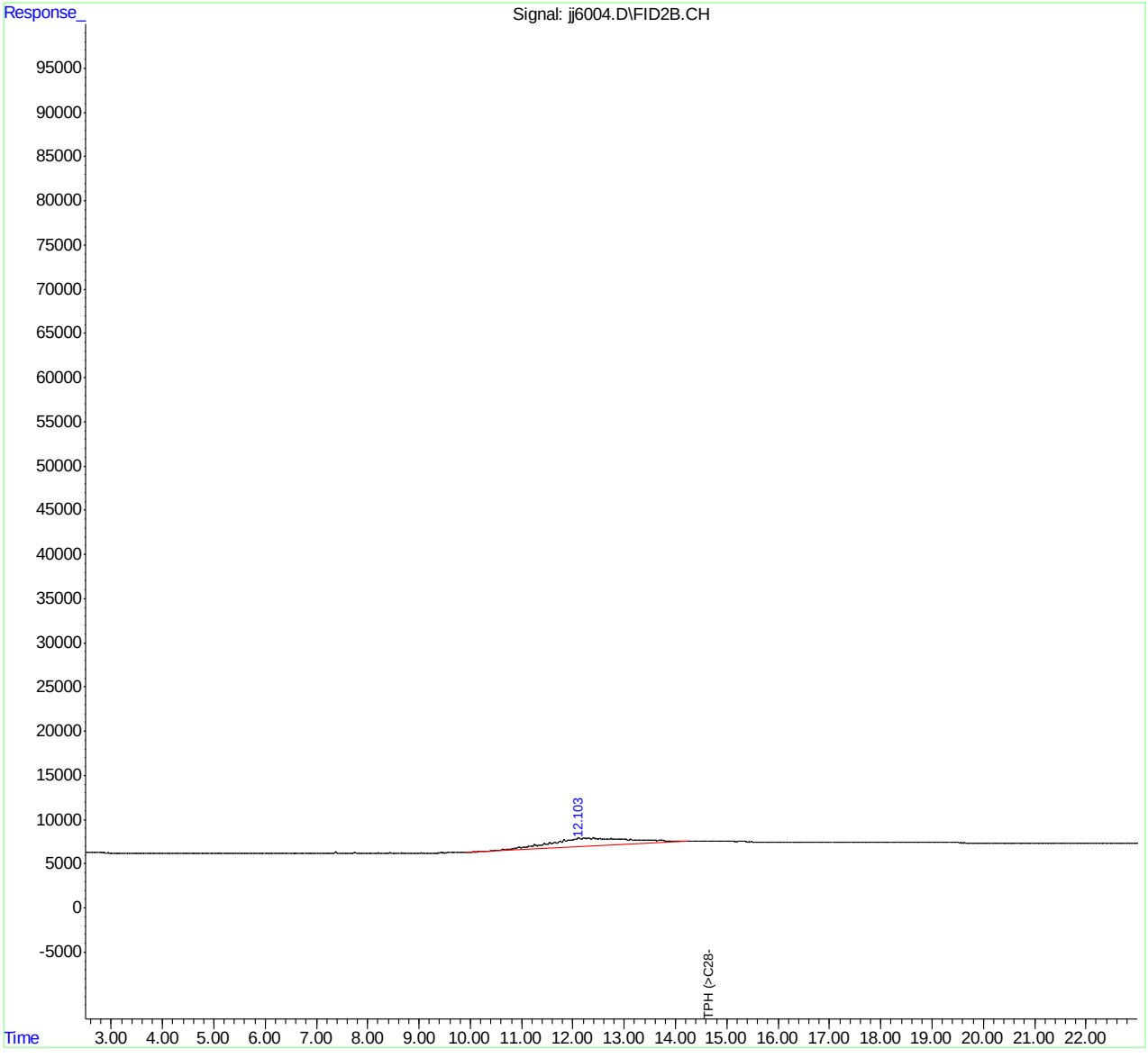
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6004.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 14:47:37
Operator : Helend
Sample : ic50-100,(o)
Misc : op15862,gjb50
ALS Vial : 11 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:01:35 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:00:32 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6006.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 15:17:39
Operator : Helend
Sample : ic50-250,(o)
Misc : op15862,gjb50
ALS Vial : 13 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:02:54 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:01:48 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	246711	250.792 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.2

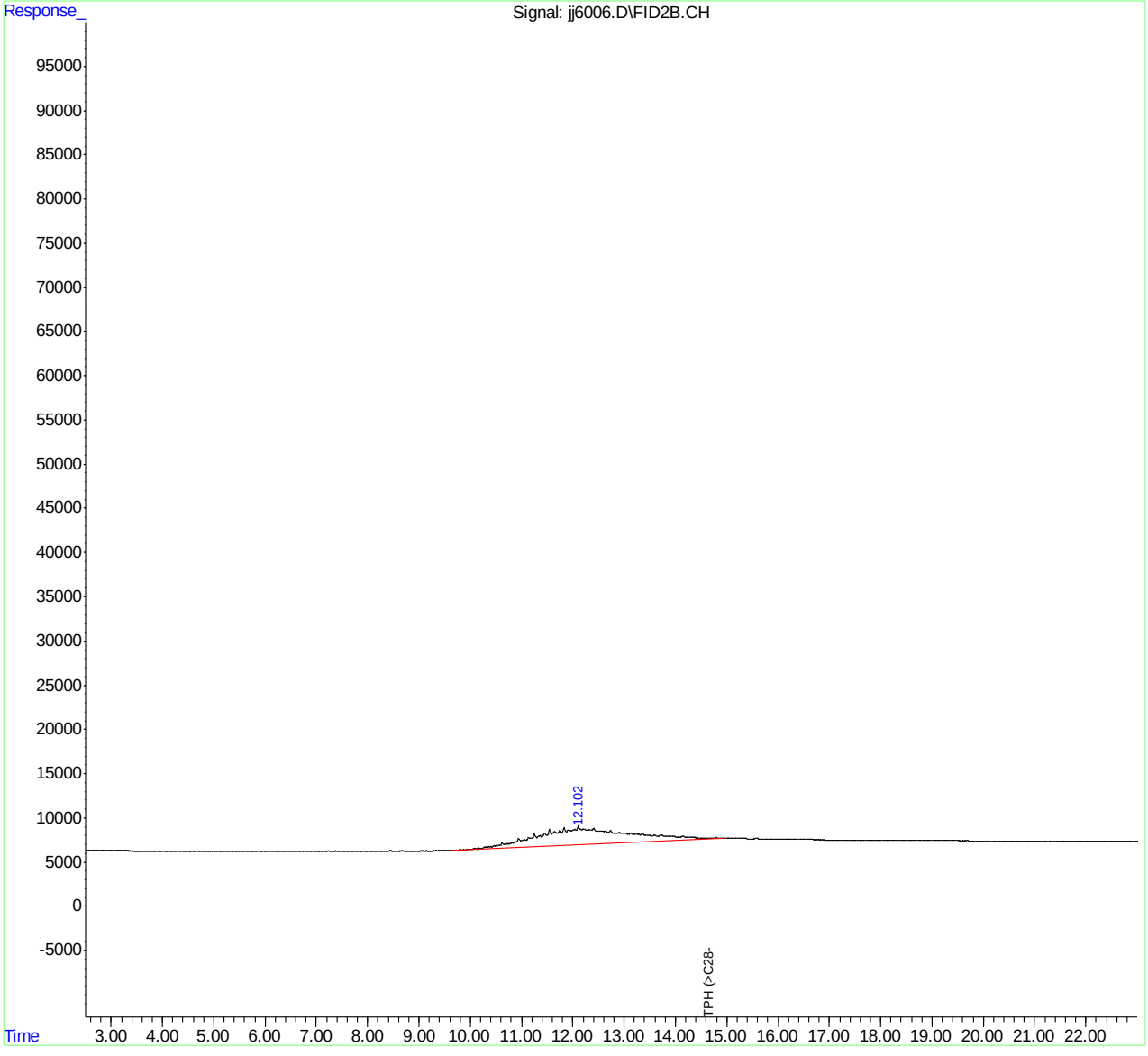
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6006.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 15:17:39
Operator : Helend
Sample : ic50-250,(o)
Misc : op15862,gjb50
ALS Vial : 13 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:02:54 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:01:48 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6008.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 15:47:35
Operator : Helend
Sample : ic50-500,(o)
Misc : op15862,gjb50
ALS Vial : 15 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:05:04 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:03:02 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	491613	499.218 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.3

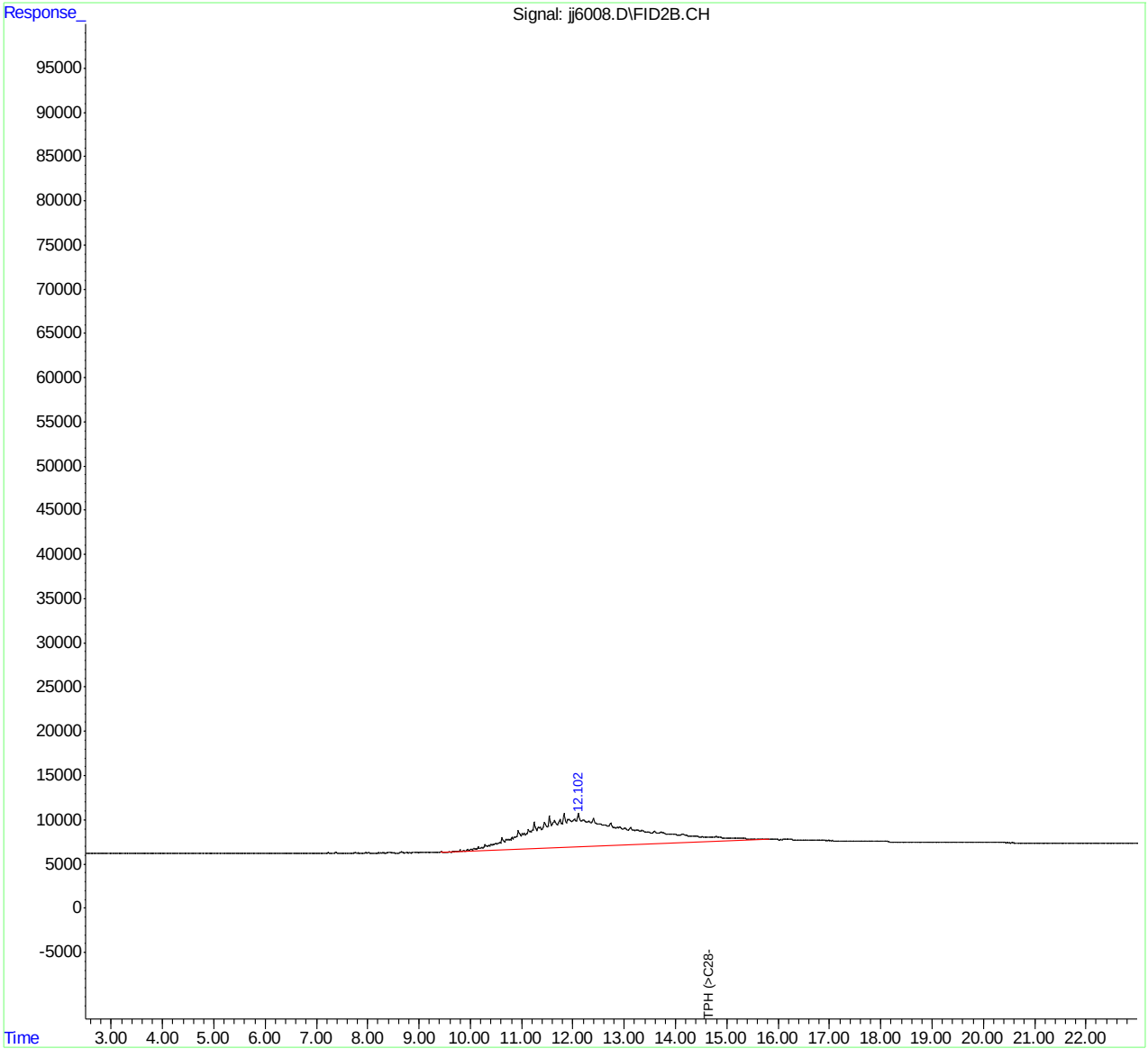
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6008.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 15:47:35
Operator : Helend
Sample : ic50-500,(o)
Misc : op15862,gjb50
ALS Vial : 15 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:05:04 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:03:02 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6010.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 16:17:26
Operator : Helend
Sample : icc50-1000,(o)
Misc : op15862,gjb50
ALS Vial : 17 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:05:45 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:05:12 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	983693	999.302 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.4

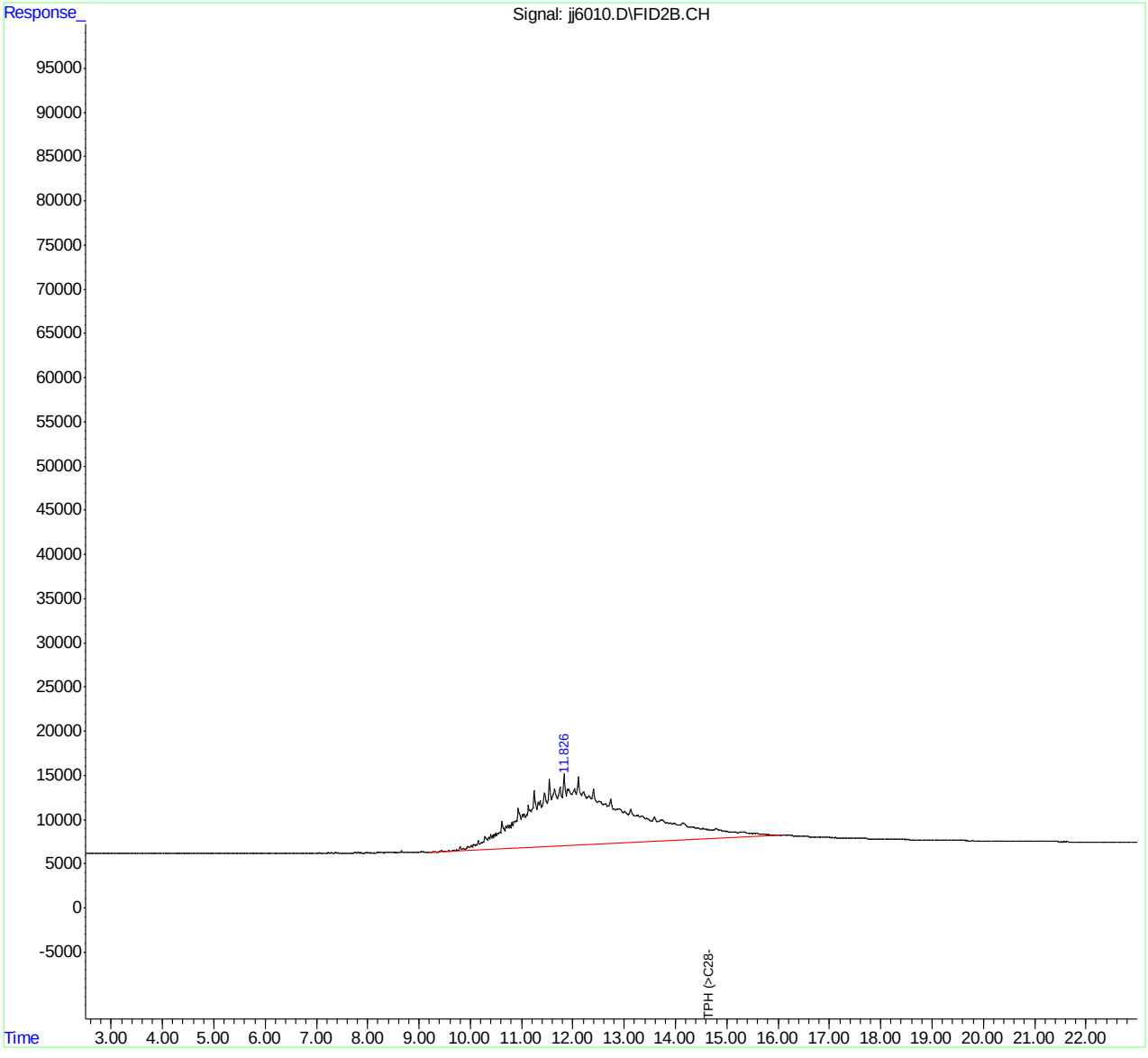
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6010.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 16:17:26
Operator : Helend
Sample : icc50-1000,(o)
Misc : op15862,gjb50
ALS Vial : 17 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:05:45 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:05:12 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6012.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 16:47:23
Operator : Helend
Sample : ic50-2000,(o)
Misc : op15862,gjb50
ALS Vial : 19 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:07:08 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:05:52 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	1968886	2001.580 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.5

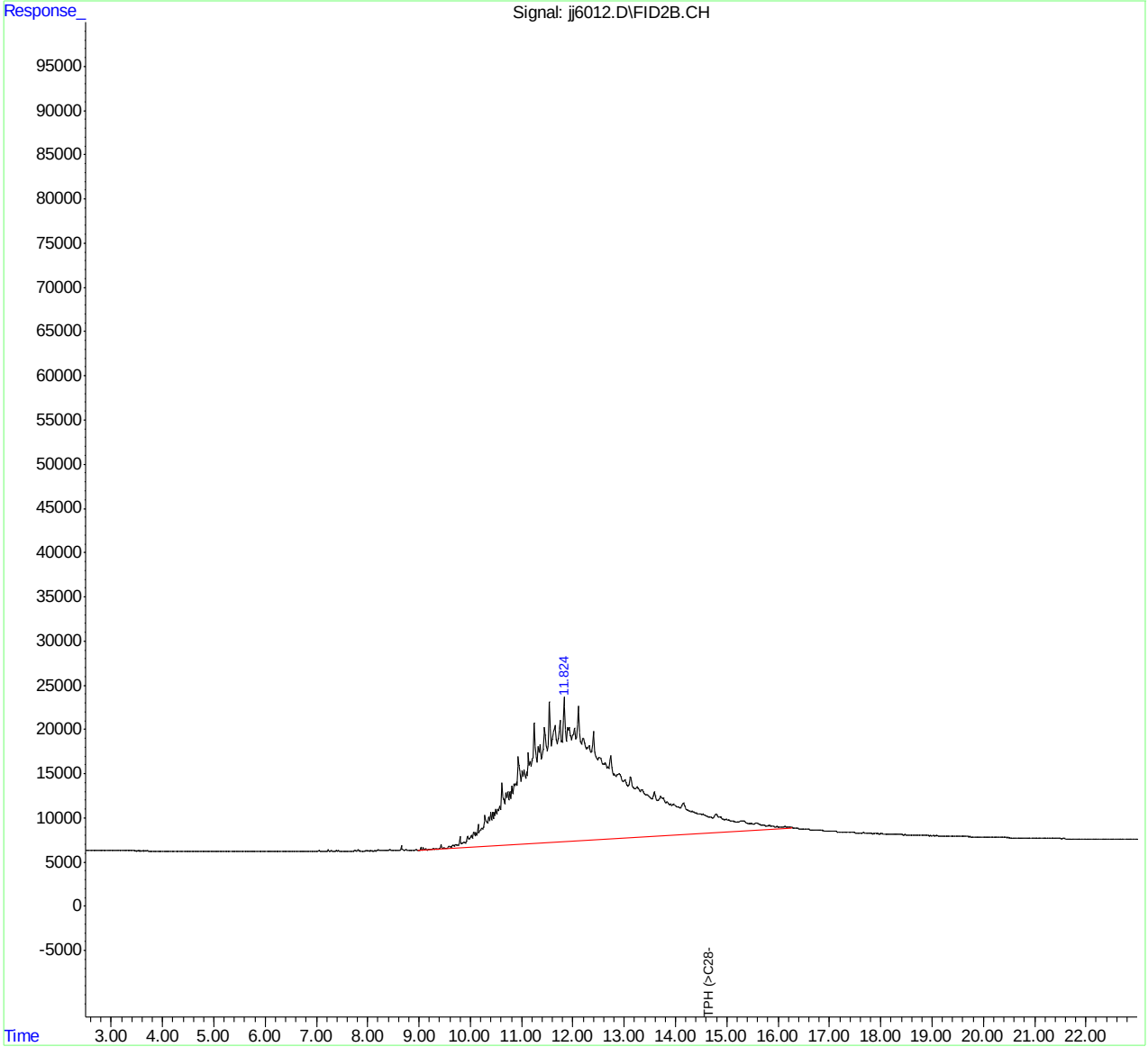
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6012.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 16:47:23
Operator : Helend
Sample : ic50-2000,(o)
Misc : op15862,gjb50
ALS Vial : 19 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:07:08 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:05:52 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6014.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 17:17:16
Operator : Helend
Sample : ic50-5000,(o)
Misc : op15862,gjb50
ALS Vial : 21 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:09:37 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:07:25 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	4926237	5007.248 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.6

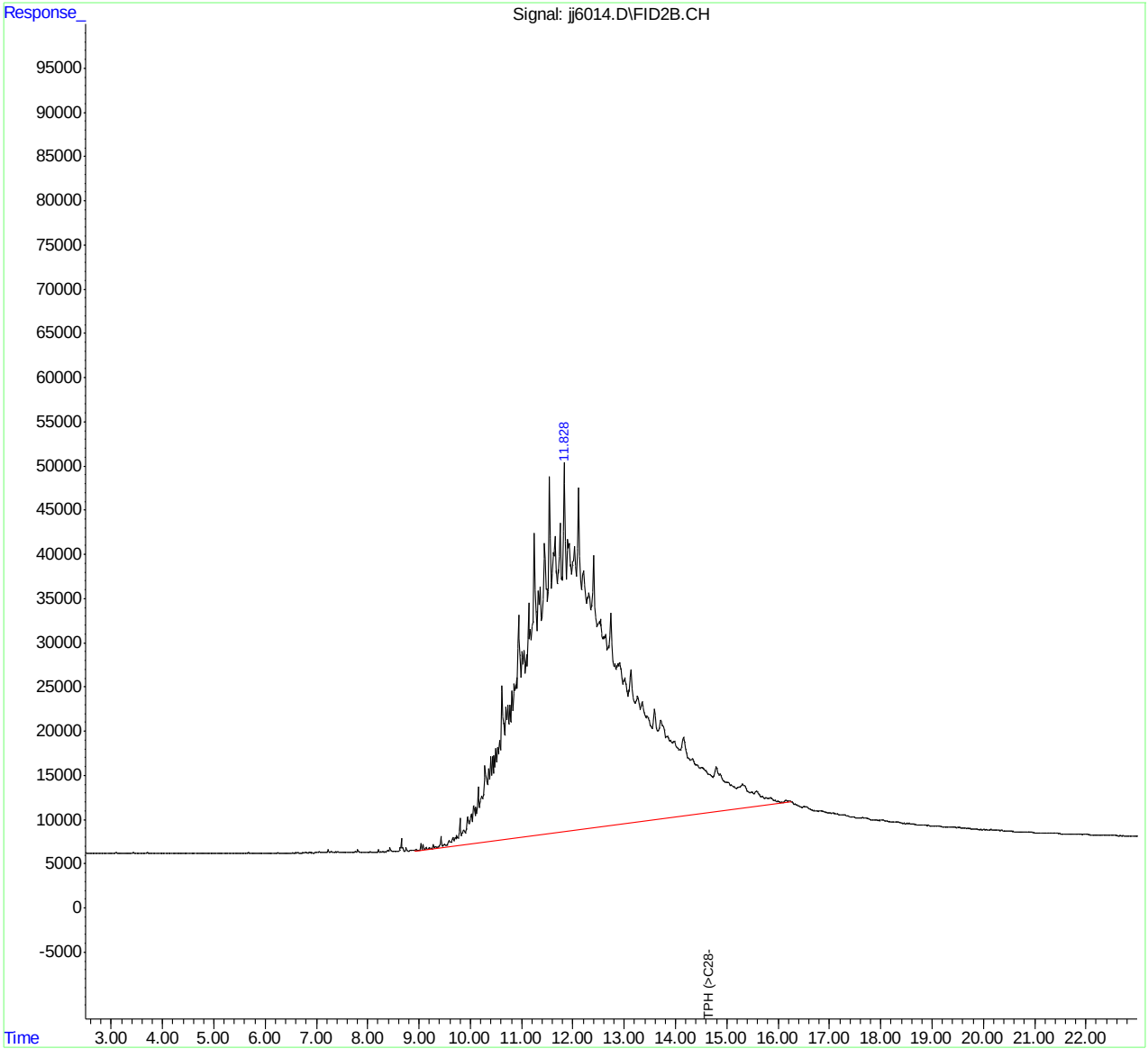
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6014.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 17:17:16
Operator : Helend
Sample : ic50-5000,(o)
Misc : op15862,gjb50
ALS Vial : 21 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:09:37 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:07:25 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6016.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 17:47:22
Operator : Helend
Sample : ic50-10000,(o)
Misc : op15862,gjb50
ALS Vial : 23 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:10:26 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:09:44 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	9849765	10009.325 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.7

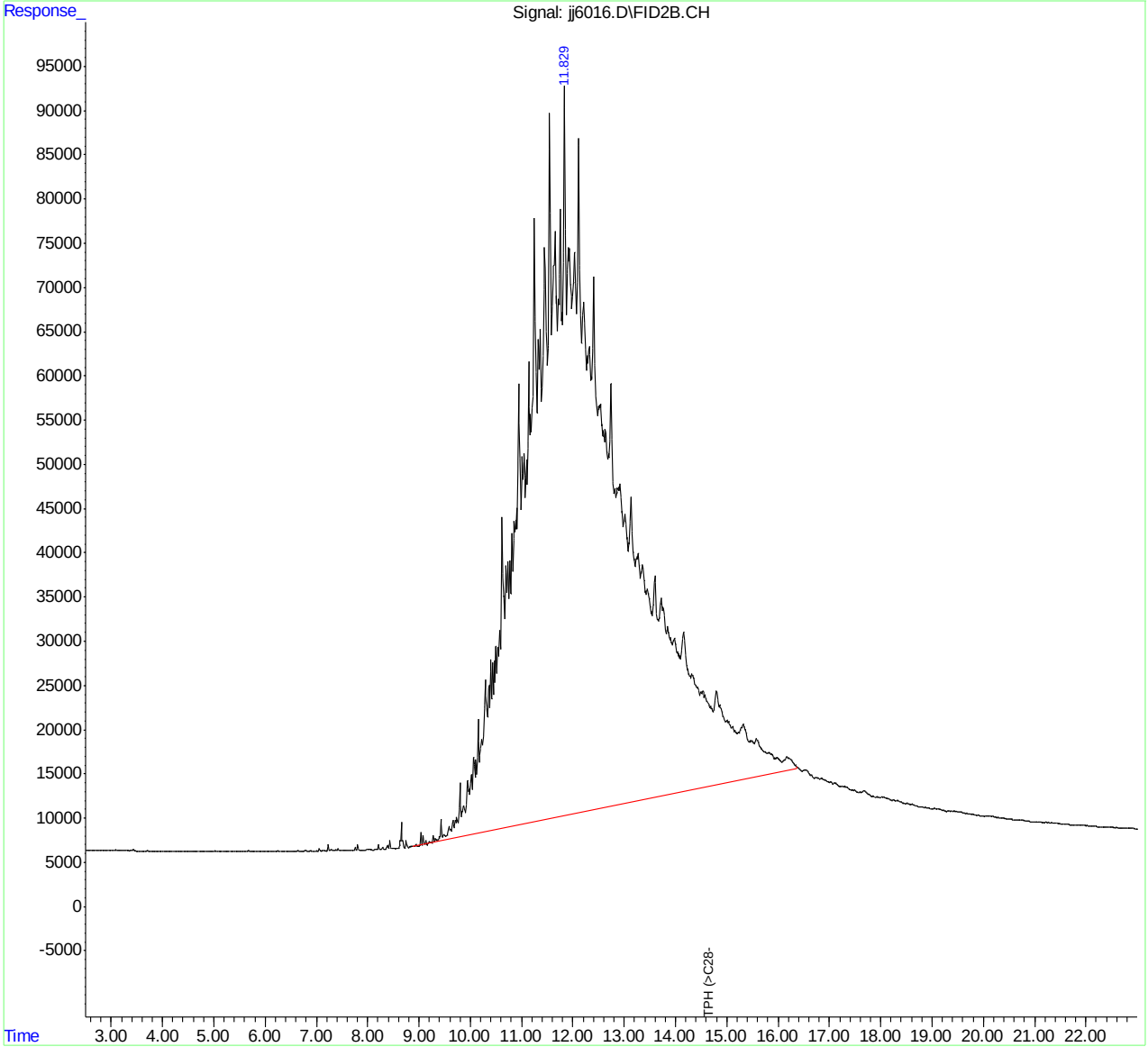
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6016.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 17:47:22
Operator : Helend
Sample : ic50-10000,(o)
Misc : op15862,gjb50
ALS Vial : 23 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:10:26 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:09:44 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6018.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 18:17:20
Operator : Helend
Sample : ic50-100,(d)
Misc : op15862,gjb50
ALS Vial : 25 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:05:16 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:03:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.553	4948	4.345 ppm
Spiked Amount 50.000 Range 25 - 112	Recovery =	8.69%#	
2) S 1-Chlorooctadecane	10.136	4518	4.392 ppm
Spiked Amount 50.000 Range 25 - 112	Recovery =	8.78%#	
Target Compounds			
3) H TPH (C10-C28)	8.697	75412	99.226 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.8

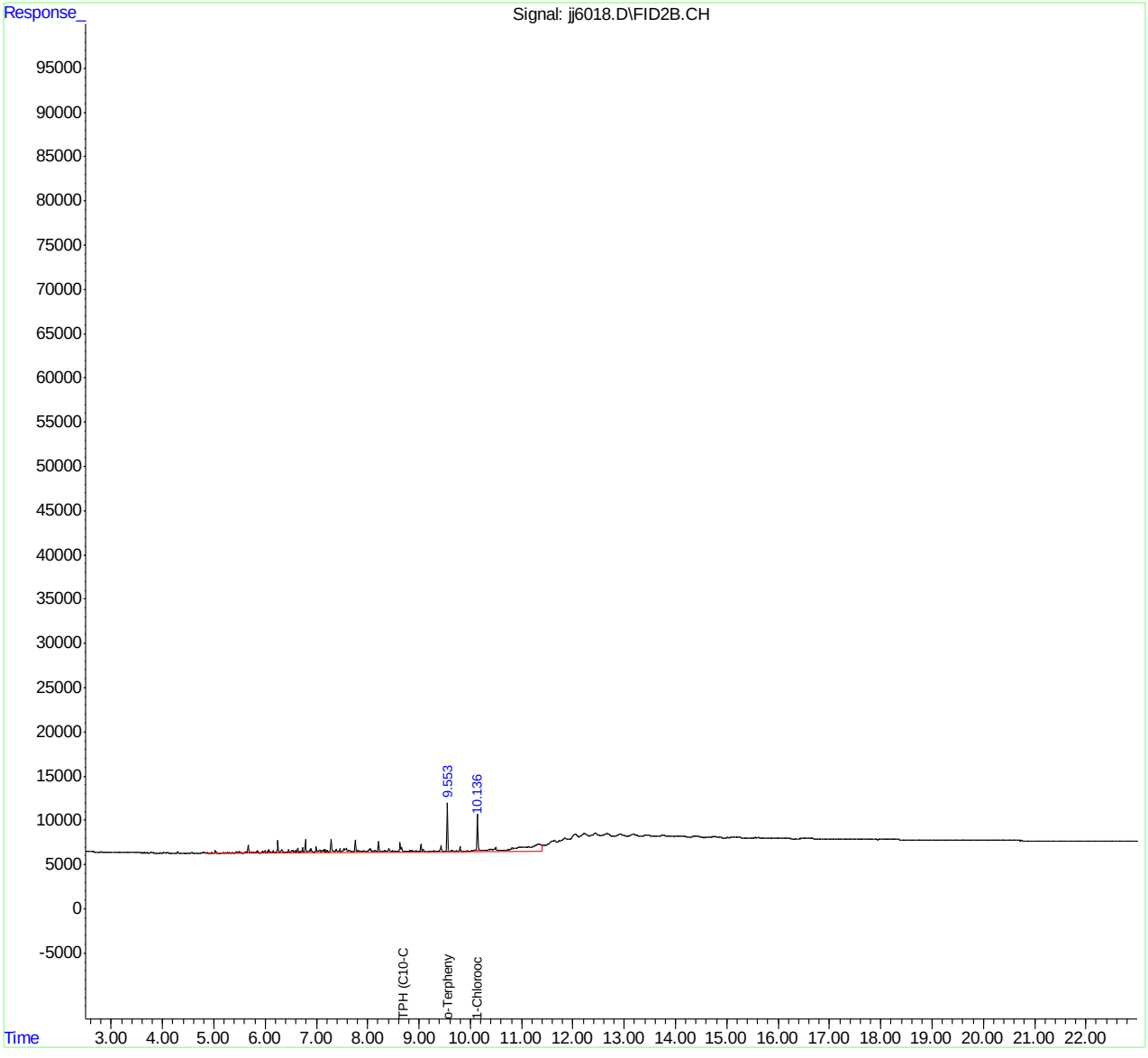
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6018.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 18:17:20
Operator : Helend
Sample : ic50-100,(d)
Misc : op15862,gjb50
ALS Vial : 25 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:05:16 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:03:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6020.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 18:47:16
Operator : Helend
Sample : ic50-250,(d)
Misc : op15862,gjb50
ALS Vial : 27 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:05:48 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:05:25 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.552	16403	14.404 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	28.81%
2) S 1-Chlorooctadecane	10.136	14794	14.380 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	28.76%
Target Compounds			
3) H TPH (C10-C28)	8.697	197600	253.149 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.9

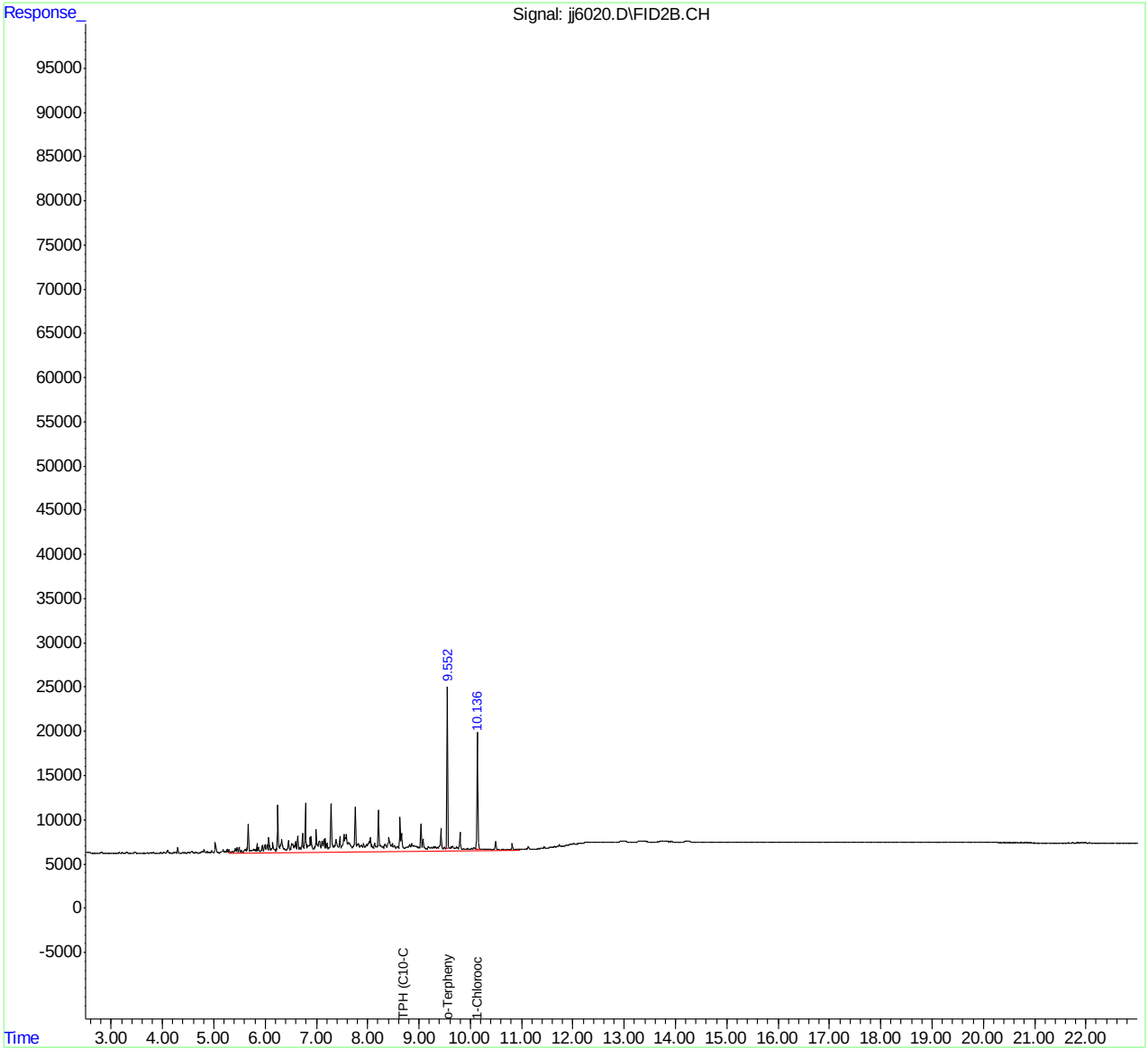
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6020.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 18:47:16
Operator : Helend
Sample : ic50-250,(d)
Misc : op15862,gjb50
ALS Vial : 27 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:05:48 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:05:25 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6022.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 19:17:04
Operator : Helend
Sample : ic50-500,(d)
Misc : op15862,gjb50
ALS Vial : 29 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:06:29 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:05:58 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.552	26189	22.997 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	45.99%
2) S 1-Chlorooctadecane	10.135	24071	23.398 ppm
Spiked Amount 50.000	Range 25 - 112	Recovery =	46.80%
Target Compounds			
3) H TPH (C10-C28)	8.697	396616	501.387 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.10

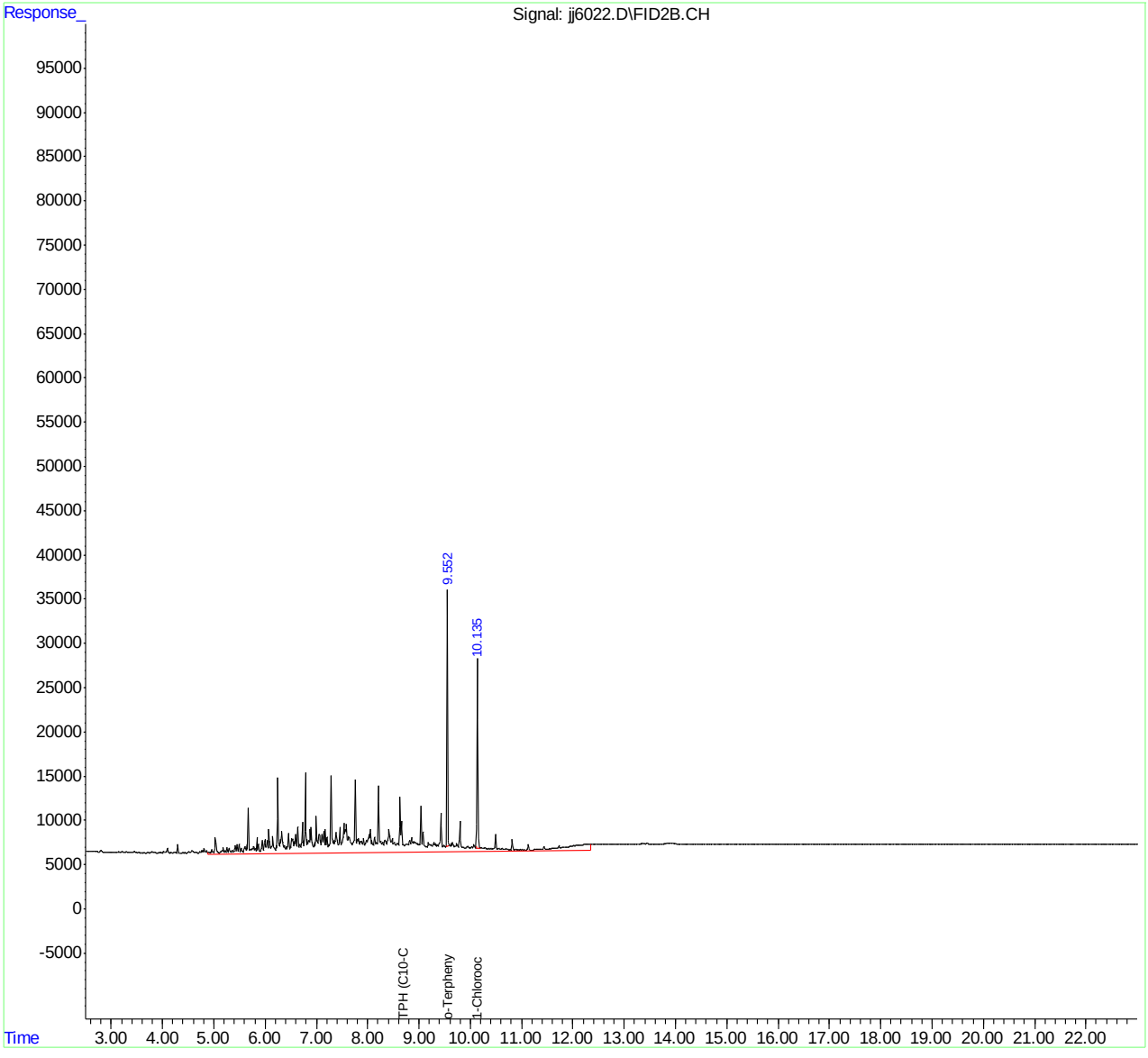
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6022.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 19:17:04
Operator : Helend
Sample : ic50-500,(d)
Misc : op15862,gjb50
ALS Vial : 29 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:06:29 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:05:58 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6024.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 19:46:50
Operator : Helend
Sample : icc50-1000,(d)
Misc : op15862,gjb50
ALS Vial : 31 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:07:13 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:06:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.554	49761	43.696 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	87.39%
2) S 1-Chlorooctadecane	10.136	45748	44.468 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery =	88.94%
Target Compounds			
3) H TPH (C10-C28)	8.697	749991	933.152 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.11

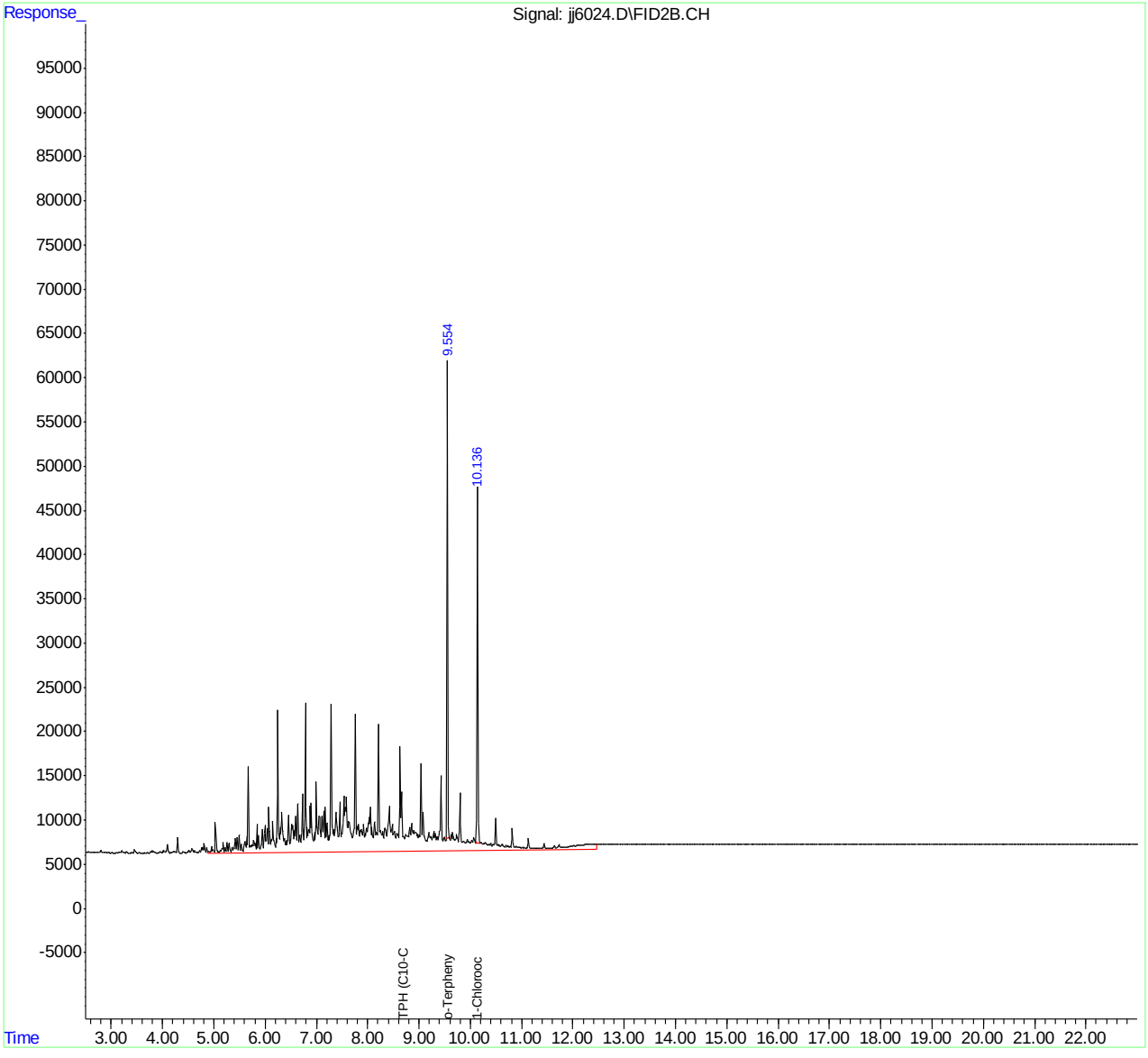
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6024.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 19:46:50
Operator : Helend
Sample : icc50-1000,(d)
Misc : op15862,gjb50
ALS Vial : 31 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:07:13 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:06:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6026.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 20:16:28
Operator : Helend
Sample : ic50-2000,(d)
Misc : op15862,gjb50
ALS Vial : 33 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:09:14 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:07:21 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.555	109451	96.110 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 192.22%#	
2) S 1-Chlorooctadecane	10.136	99665	96.877 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 193.75%#	
Target Compounds			
3) H TPH (C10-C28)	8.697	1639816	2015.114 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.12

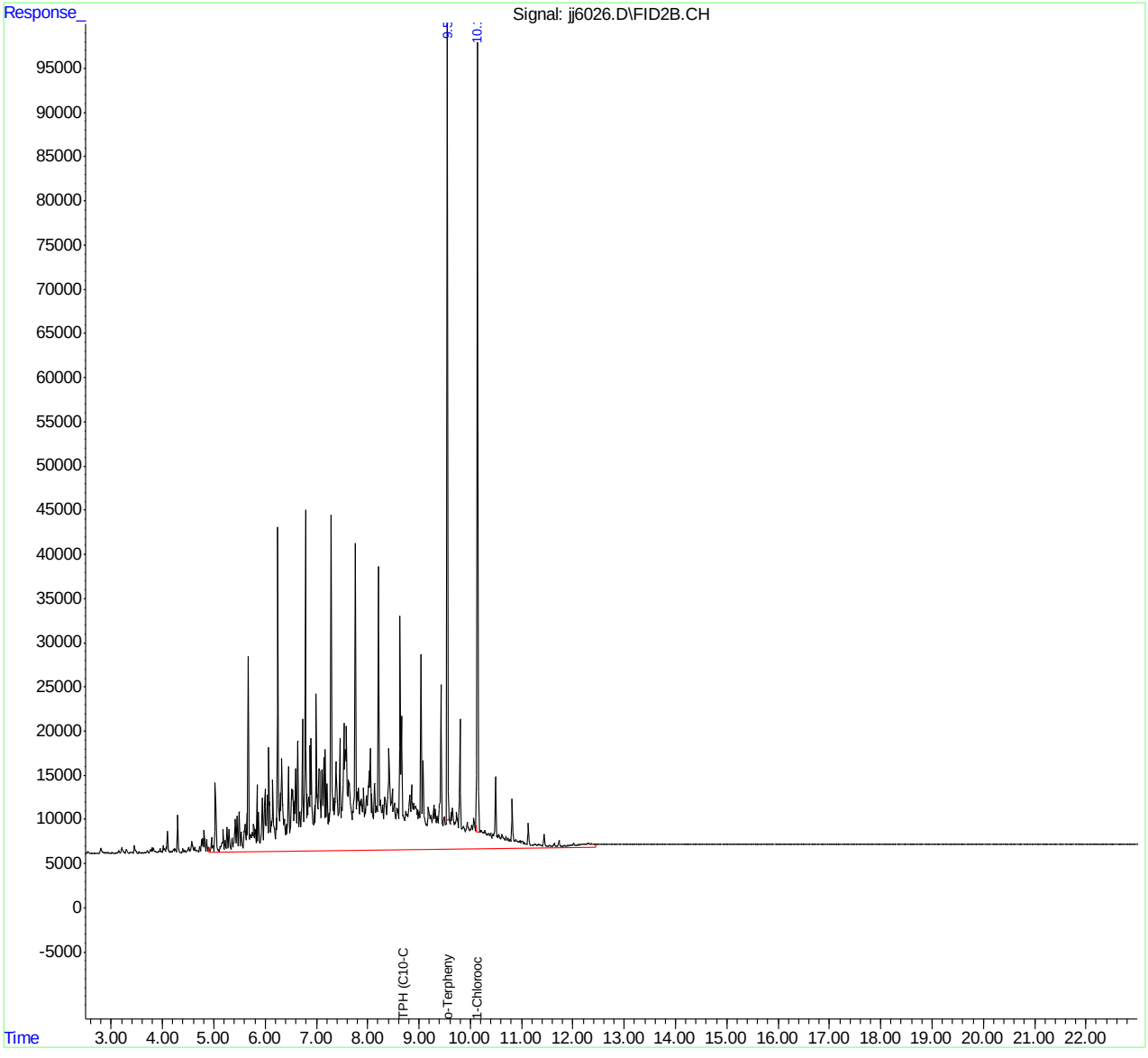
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6026.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 20:16:28
Operator : Helend
Sample : ic50-2000,(d)
Misc : op15862,gjb50
ALS Vial : 33 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:09:14 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:07:21 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6028.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 20:46:08
Operator : Helend
Sample : ic50-5000,(d)
Misc : op15862,gjb50
ALS Vial : 35 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:10:09 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:09:23 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.558	294037	258.196 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 516.39%#	
2) S 1-Chlorooctadecane	10.140	260167	252.890 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 505.78%#	
Target Compounds			
3) H TPH (C10-C28)	8.697	4236962	5162.093 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.13

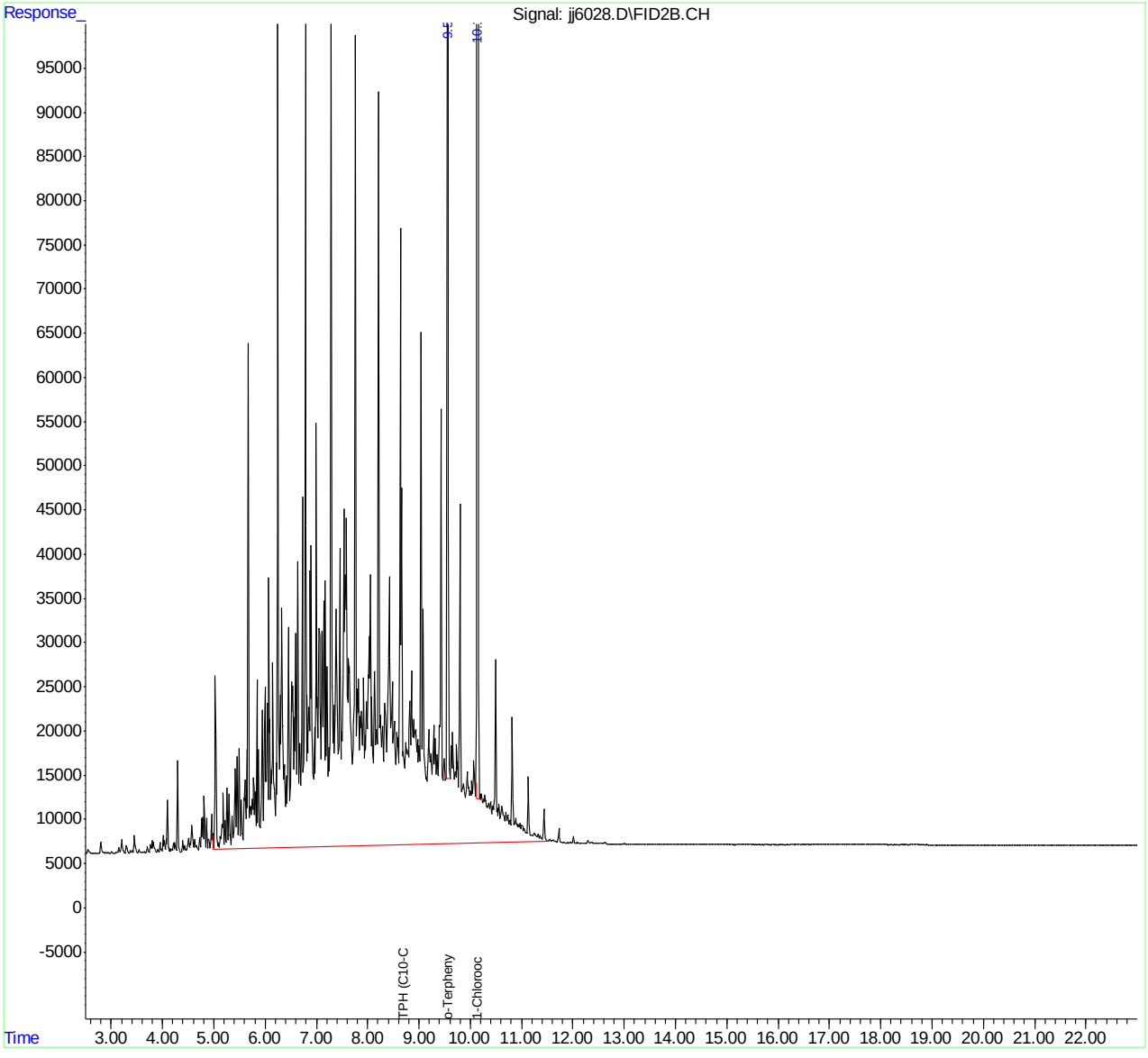
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6028.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 20:46:08
Operator : Helend
Sample : ic50-5000,(d)
Misc : op15862,gjb50
ALS Vial : 35 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:10:09 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:09:23 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/02/10 14:16

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6030.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 21:16:03
Operator : Helend
Sample : ic50-10000,(d)
Misc : op15862,gjb50
ALS Vial : 37 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:10:46 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:10:19 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.565	678200	595.533 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery	= 1191.07%#
2) S 1-Chlorooctadecane	10.145	599597	582.826 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery	= 1165.65%#
Target Compounds			
3) H TPH (C10-C28)	8.697	9765278	11880.429 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

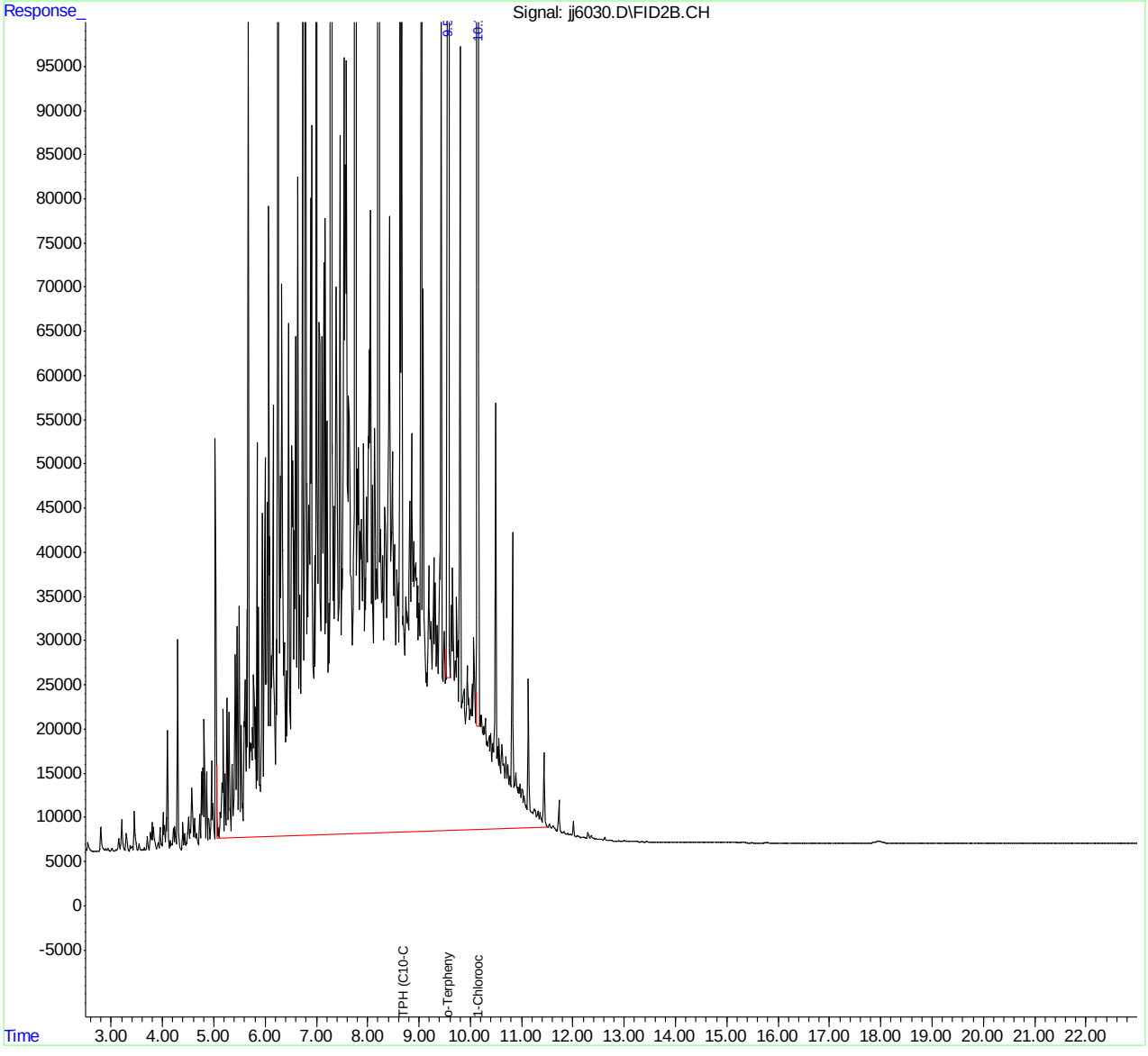
12.5.14
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6030.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 21:16:03
Operator : Helend
Sample : ic50-10000,(d)
Misc : op15862,gjb50
ALS Vial : 37 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:10:46 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:10:19 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6005.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 14:47:37
Operator : Helend
Sample : ic50-100,(o)
Misc : op15862,gjf50
ALS Vial : 12 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:45:33 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:44:55 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	96490	100.427 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.15

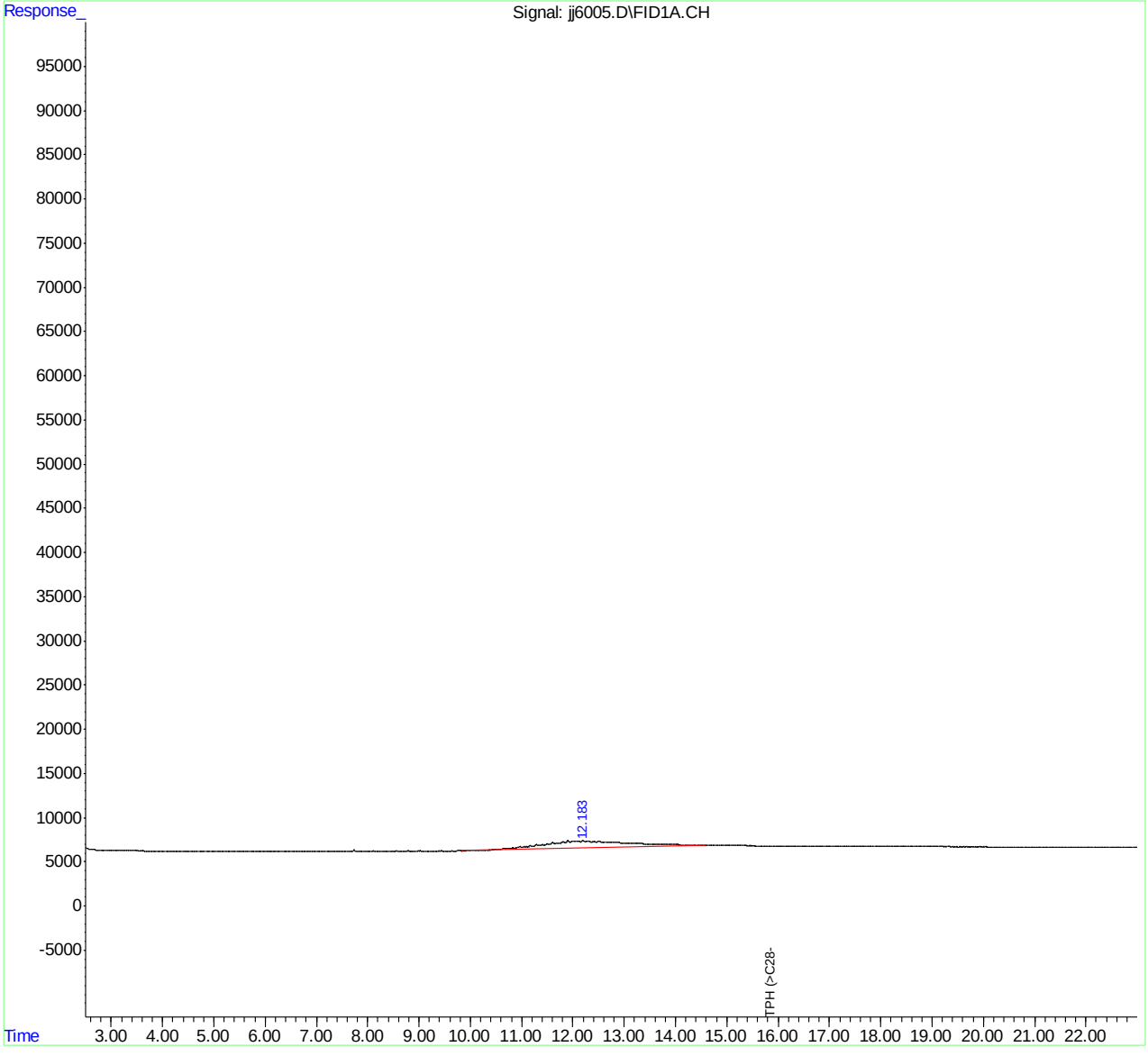
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6005.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 14:47:37
Operator : Helend
Sample : ic50-100,(o)
Misc : op15862,gjf50
ALS Vial : 12 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:45:33 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:44:55 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6007.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 15:17:39
Operator : Helend
Sample : ic50-250,(o)
Misc : op15862,gjf50
ALS Vial : 14 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:47:16 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:45:41 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	240728	250.016 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.16

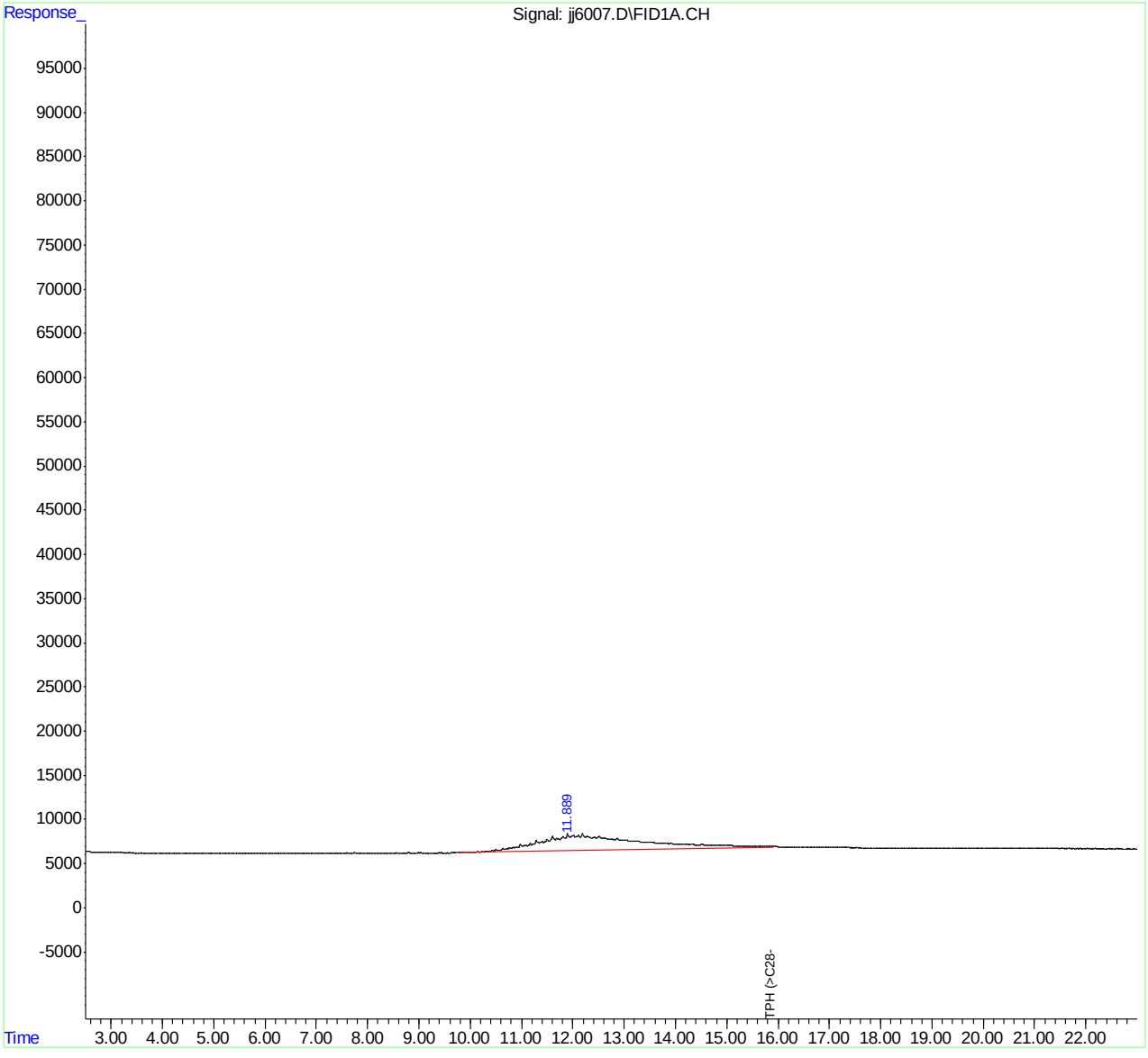
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6007.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 15:17:39
Operator : Helend
Sample : ic50-250,(o)
Misc : op15862,gjf50
ALS Vial : 14 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:47:16 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:45:41 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6009.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 15:47:35
Operator : Helend
Sample : ic50-500,(o)
Misc : op15862,gjf50
ALS Vial : 16 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:48:19 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:47:27 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	481835	500.415 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.17

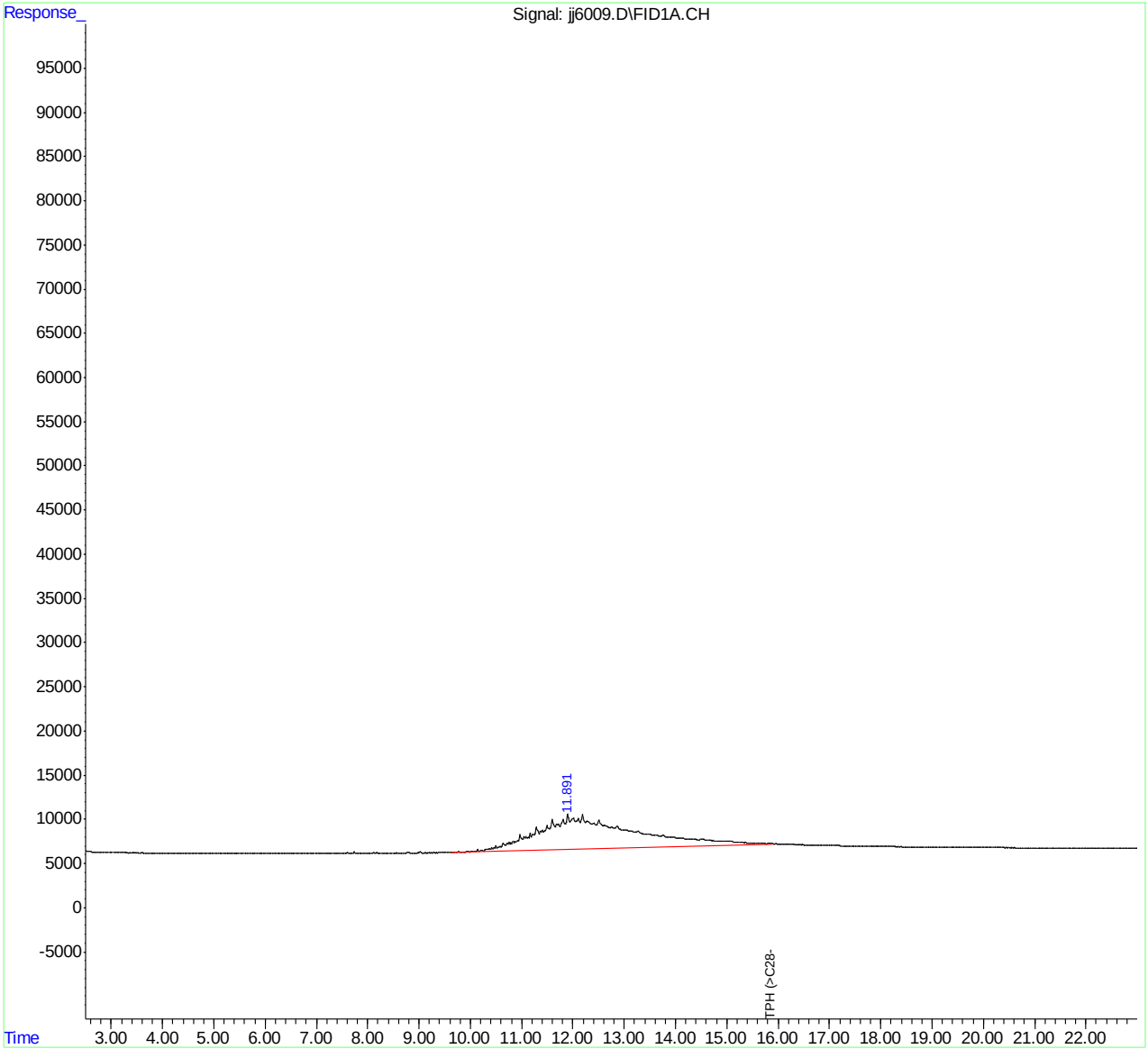
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6009.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 15:47:35
Operator : Helend
Sample : ic50-500,(o)
Misc : op15862,gjf50
ALS Vial : 16 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:48:19 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:47:27 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6011.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 16:17:26
Operator : Helend
Sample : icc50-1000,(o)
Misc : op15862,gjf50
ALS Vial : 18 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:49:24 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:48:29 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	962683	999.597 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.18

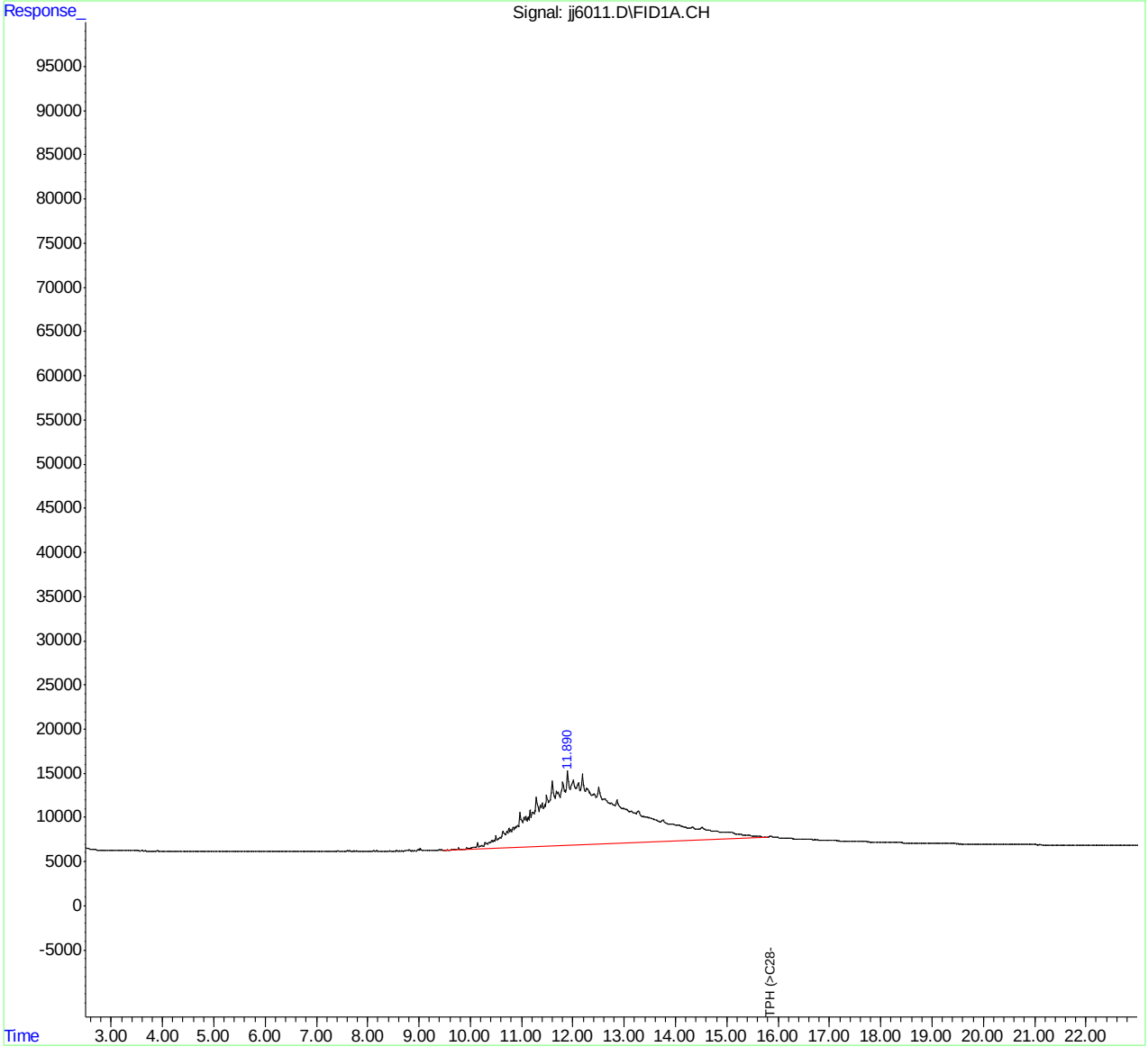
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6011.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 16:17:26
Operator : Helend
Sample : icc50-1000,(o)
Misc : op15862,gjf50
ALS Vial : 18 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:49:24 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:48:29 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6013.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 16:47:23
Operator : Helend
Sample : ic50-2000,(o)
Misc : op15862,gjf50
ALS Vial : 20 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:50:23 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:49:35 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	1929347	2002.350 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.19

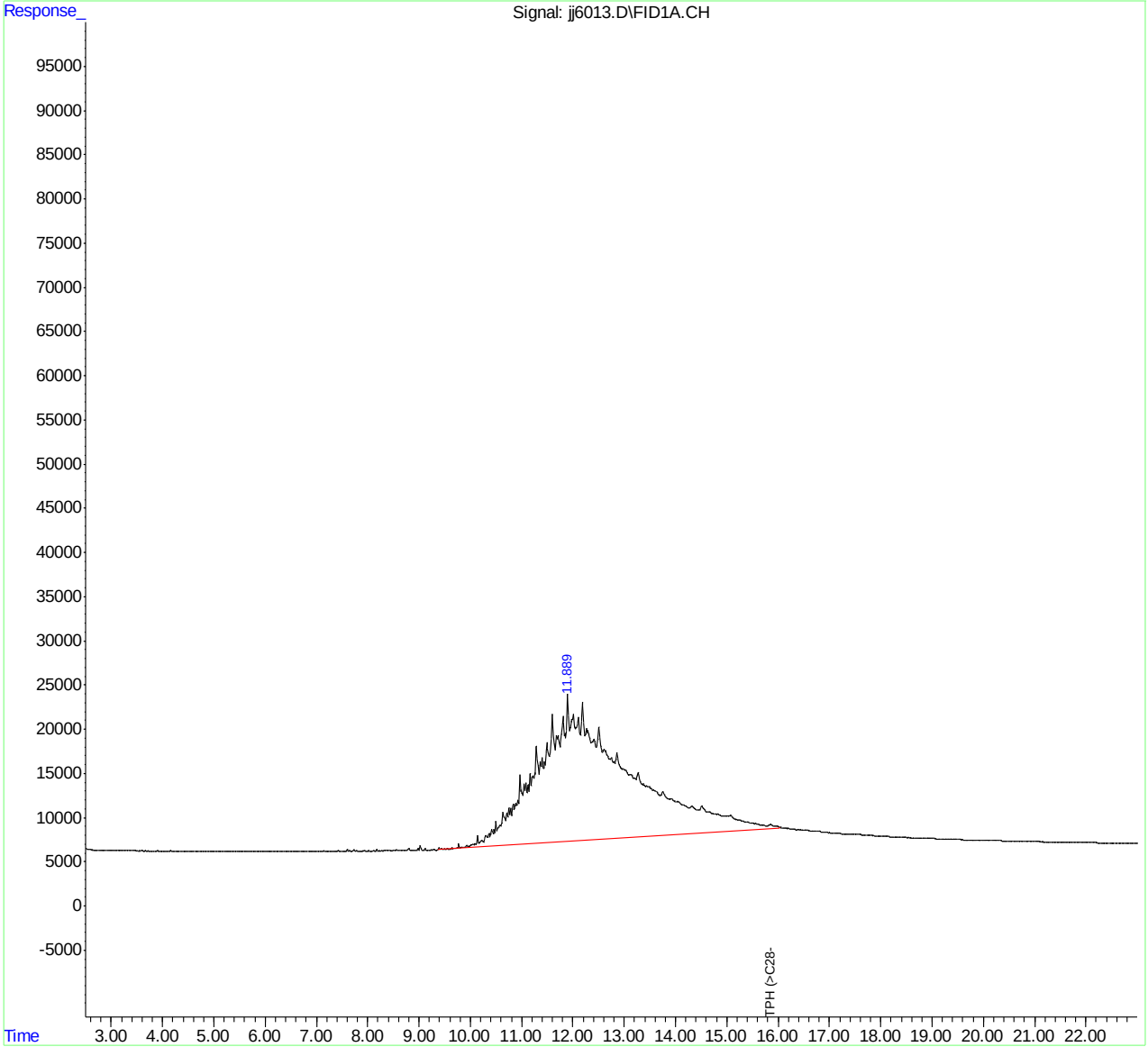
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6013.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 16:47:23
Operator : Helend
Sample : ic50-2000,(o)
Misc : op15862,gjf50
ALS Vial : 20 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:50:23 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:49:35 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6015.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 17:17:16
Operator : Helend
Sample : ic50-5000,(o)
Misc : op15862,gjf50
ALS Vial : 22 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:51:57 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:50:33 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	4818337	4999.480 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.20

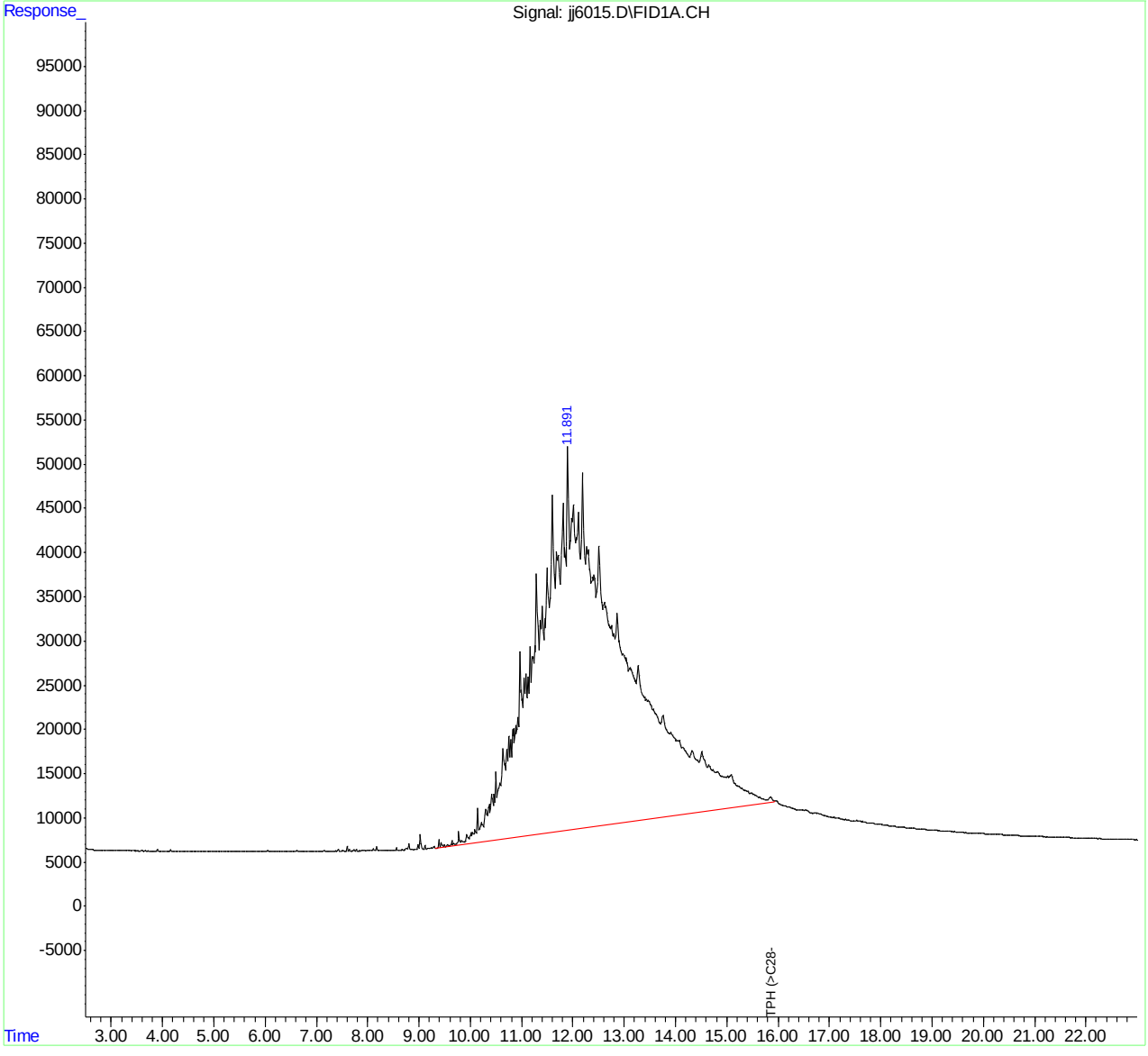
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6015.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 17:17:16
Operator : Helend
Sample : ic50-5000,(o)
Misc : op15862,gjf50
ALS Vial : 22 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:51:57 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:50:33 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6017.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 17:47:22
Operator : Helend
Sample : ic50-10000,(o)
Misc : op15862,gjf50
ALS Vial : 24 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:53:34 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:52:08 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
Target Compounds				
4) H TPH (>C28-C35)	15.845	9652379	10015.428	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.21

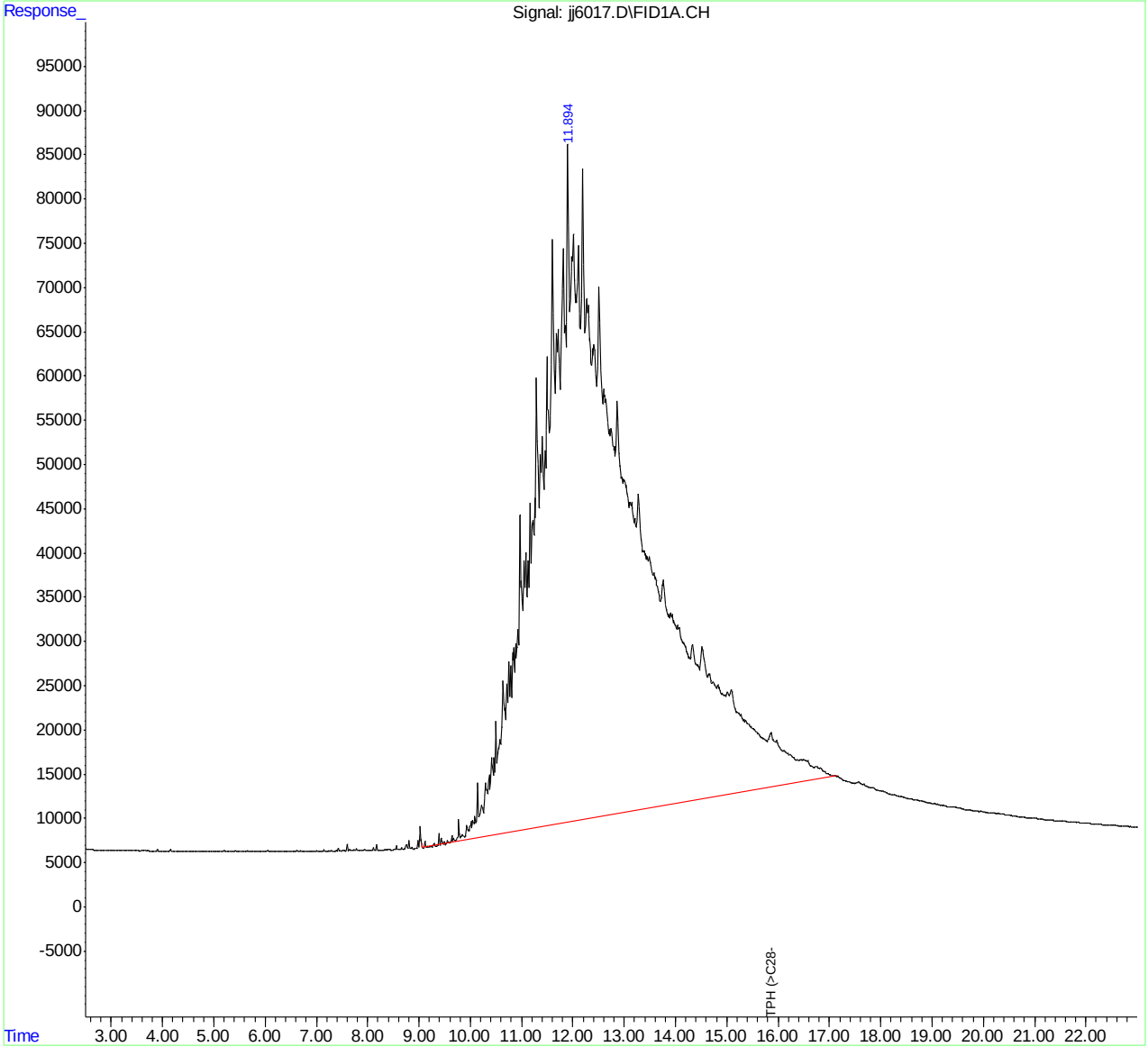
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6017.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 17:47:22
Operator : Helend
Sample : ic50-10000,(o)
Misc : op15862,gjf50
ALS Vial : 24 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 08:53:34 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 08:52:08 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Manual Integrations APPROVED (compounds with "m" flag)
Felix Oses
09/02/10 11:28

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6019.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 18:17:20
Operator : Helend
Sample : ic50-100,(d)
Misc : op15862,gjf50
ALS Vial : 26 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:01:47 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:00:43 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.928	7517	4.827 ppm m
Spiked Amount 50.000 Range 25 - 112	Recovery = 9.65%#		
2) S 1-Chlorooctadecane	10.489	6535	4.922 ppm m
Spiked Amount 50.000 Range 25 - 112	Recovery = 9.84%#		
Target Compounds			
3) H TPH (C10-C28)	9.321	108279	96.442 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

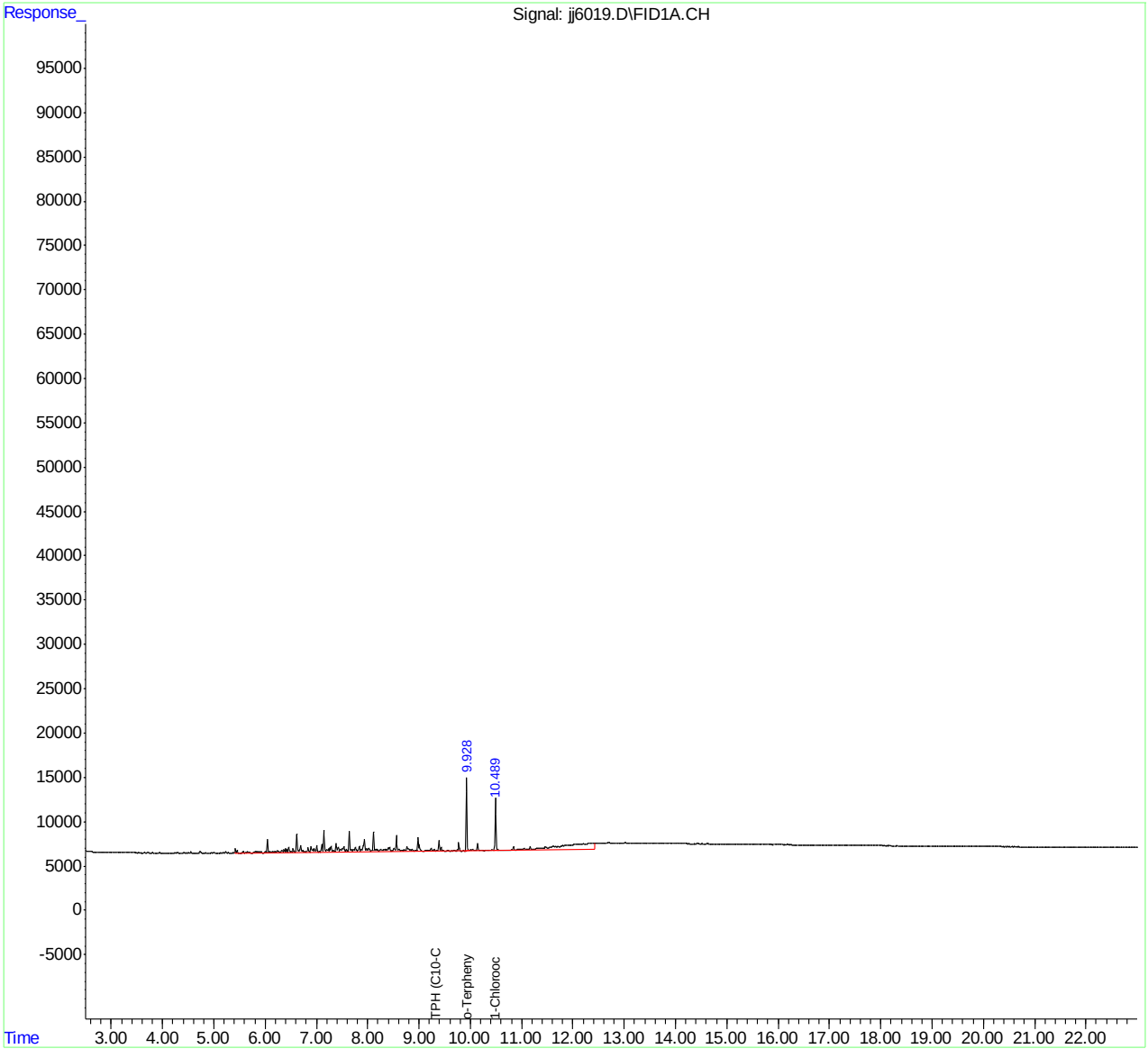
12.5.22
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6019.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 18:17:20
Operator : Helend
Sample : ic50-100,(d)
Misc : op15862,gjf50
ALS Vial : 26 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:01:47 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:00:43 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

```
Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6021.D
Signal(s) : FID1A.CH
Acq On    : 01-Sep-10, 18:47:16
Operator  : Helend
Sample    : ic50-250,(d)
Misc      : op15862,gjf50
ALS Vial  : 28   Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:03:12 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title  : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:02:02 2010
Response via : Initial Calibration
Integrator: RTE   6890 Scale Mode: Small noise peaks clipped

Volume Inj.  :
Signal Phase :
Signal Info  :
```

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S o-Terphenyl	9.927	15136	9.745	ppm
Spiked Amount 50.000 Range 25 - 112	Recovery = 19.49%#			
2) S 1-Chlorooctadecane	10.489	13670	10.370	ppm m
Spiked Amount 50.000 Range 25 - 112	Recovery = 20.74%#			
Target Compounds				
3) H TPH (C10-C28)	9.321	216714	200.197	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.23

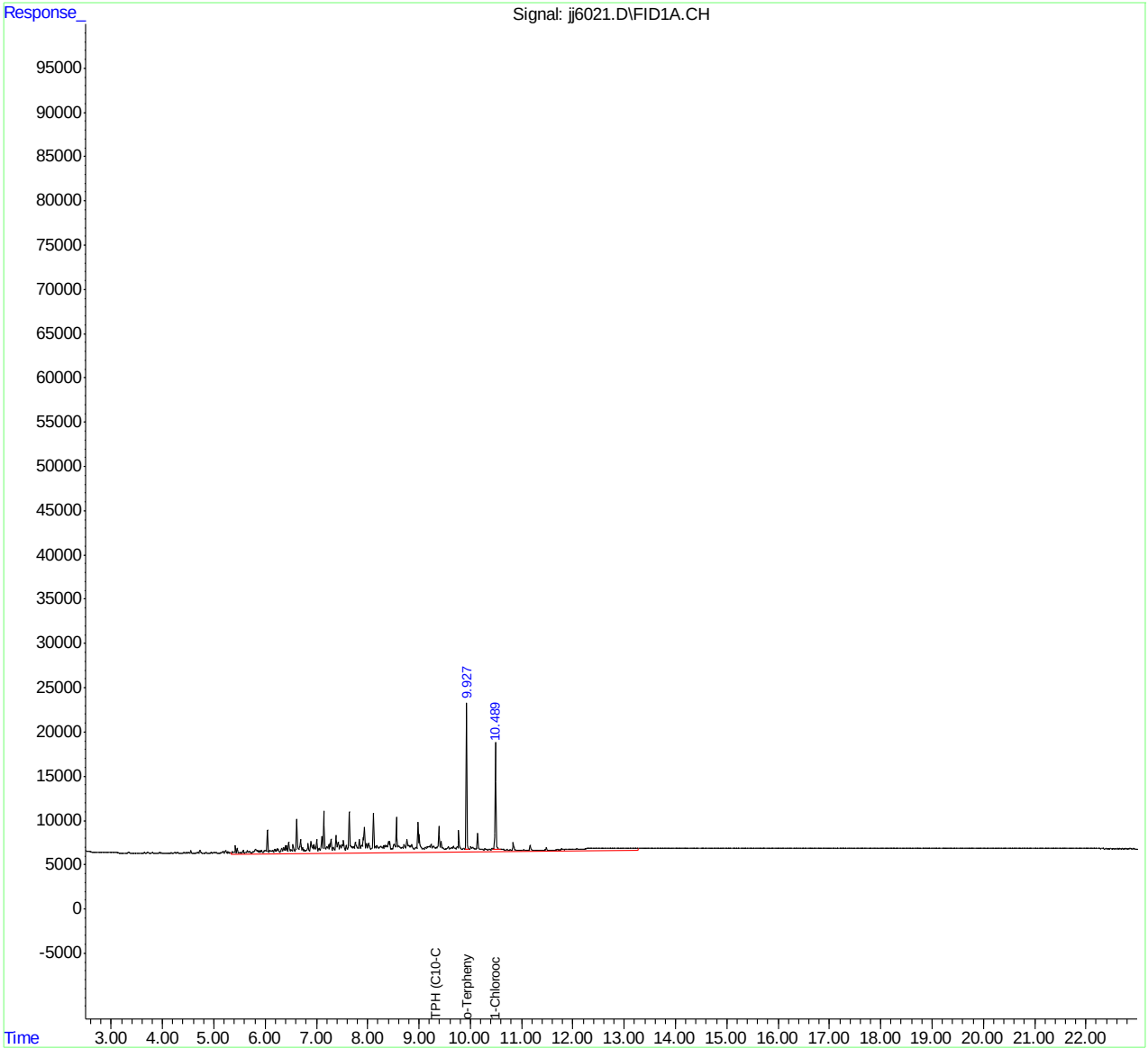
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6021.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 18:47:16
Operator : Helend
Sample : ic50-250,(d)
Misc : op15862,gjf50
ALS Vial : 28 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:03:12 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:02:02 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6023.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 19:17:04
Operator : Helend
Sample : ic50-500,(d)
Misc : op15862,gjf50
ALS Vial : 30 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:04:09 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:03:23 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.928	36161	25.128 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 50.26%	
2) S 1-Chlorooctadecane	10.490	32053	25.779 ppm m
Spiked Amount 50.000 Range 25 - 112		Recovery = 51.56%	
Target Compounds			
3) H TPH (C10-C28)	9.321	498934	493.690 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.24

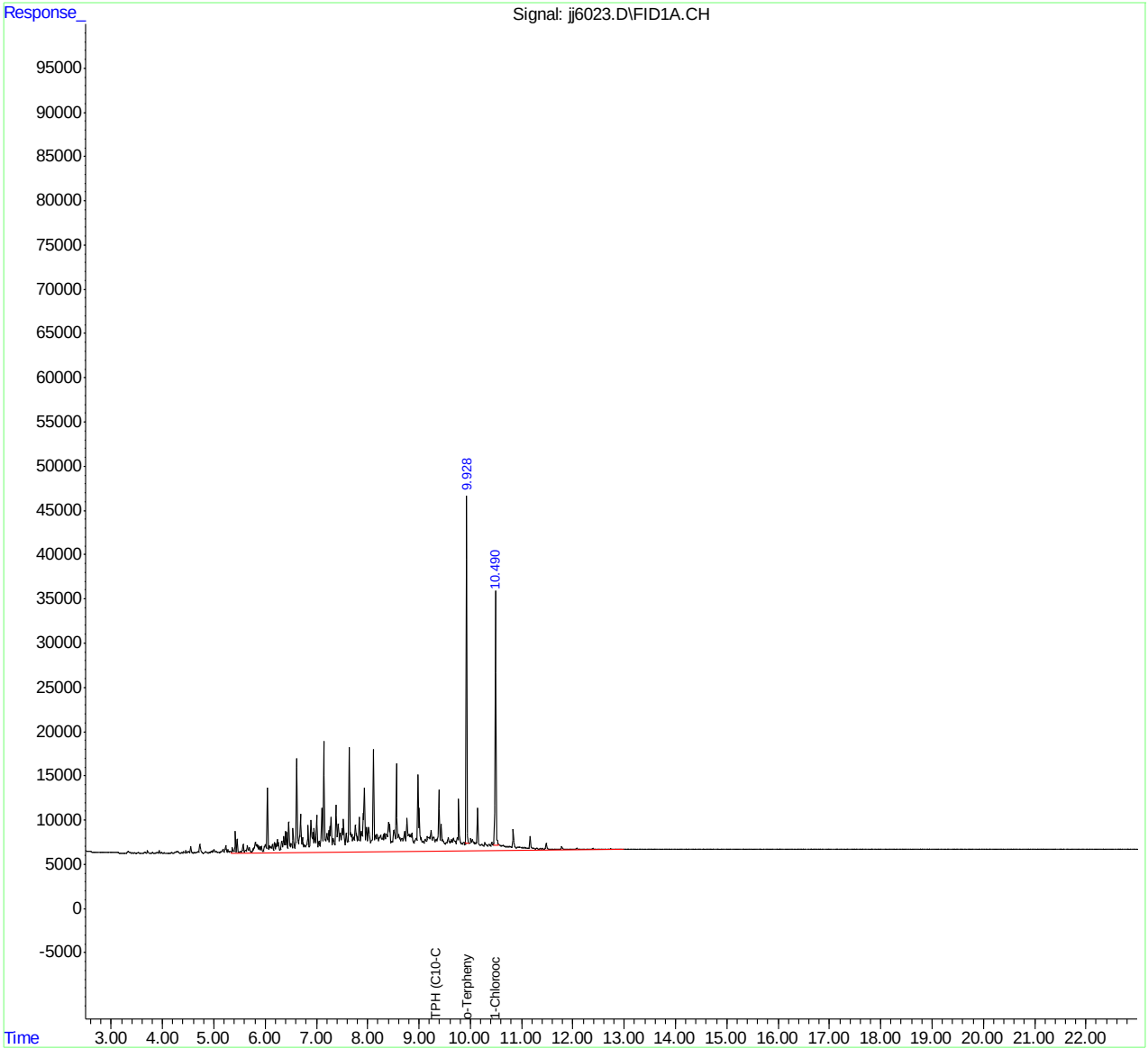
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6023.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 19:17:04
Operator : Helend
Sample : ic50-500,(d)
Misc : op15862,gjf50
ALS Vial : 30 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:04:09 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:03:23 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6025.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 19:46:50
Operator : Helend
Sample : icc50-1000,(d)
Misc : op15862,gjf50
ALS Vial : 32 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:05:00 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:04:17 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.928	79813	55.390 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 110.78%	
2) S 1-Chlorooctadecane	10.489	68422	54.605 ppm m
Spiked Amount 50.000 Range 25 - 112		Recovery = 109.21%	
Target Compounds			
3) H TPH (C10-C28)	9.321	1164956	1156.360 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.25

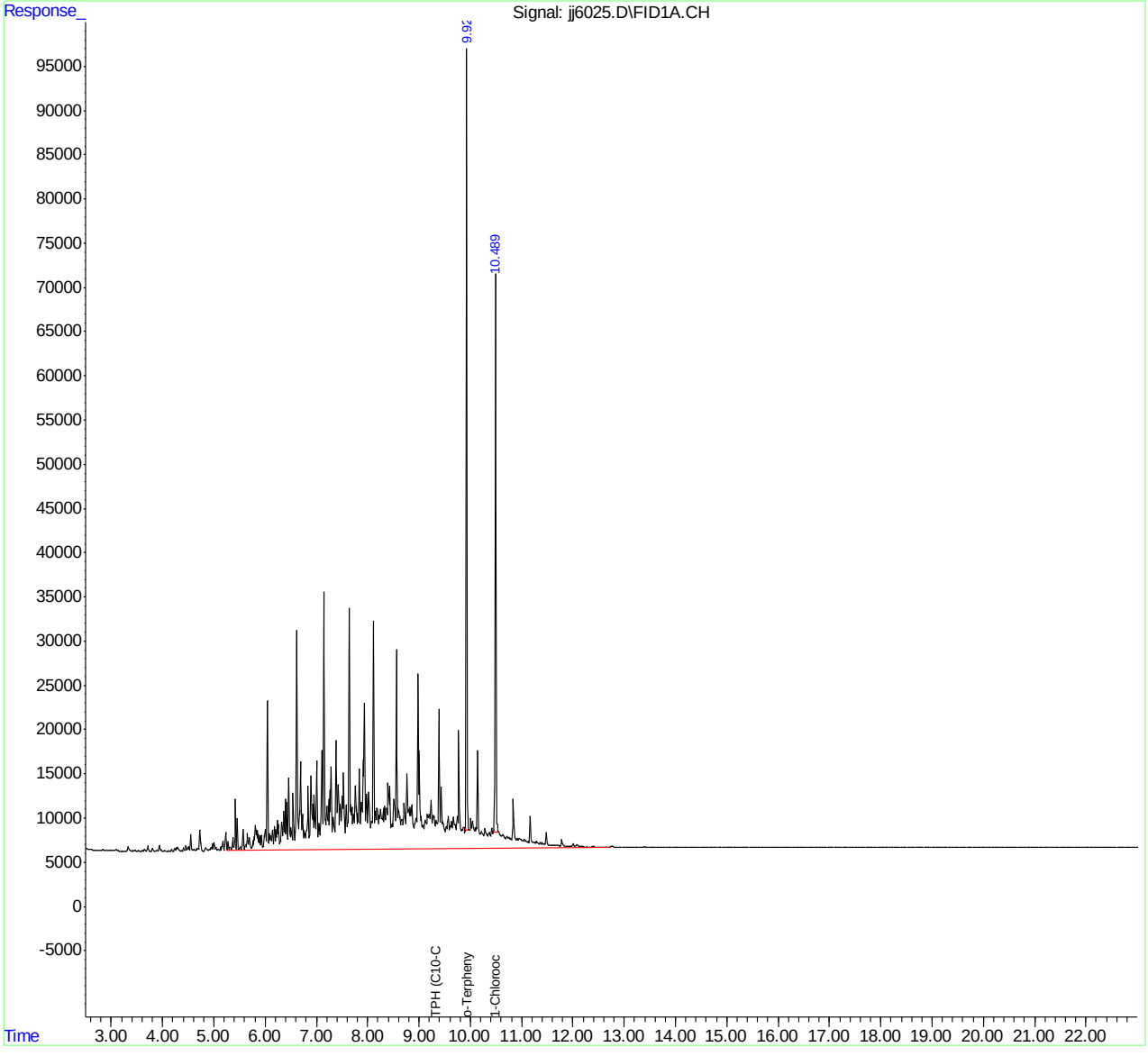
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6025.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 19:46:50
Operator : Helend
Sample : icc50-1000,(d)
Misc : op15862,gjf50
ALS Vial : 32 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:05:00 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:04:17 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6027.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 20:16:28
Operator : Helend
Sample : ic50-2000,(d)
Misc : op15862,gjf50
ALS Vial : 34 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:05:46 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:05:16 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
1) S o-Terphenyl	9.930	133344	92.649	ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 185.30%#		
2) S 1-Chlorooctadecane	10.490	116780	92.478	ppm m
Spiked Amount 50.000 Range 25 - 112		Recovery = 184.96%#		
Target Compounds				
3) H TPH (C10-C28)	9.321	2003665	1948.868	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.26

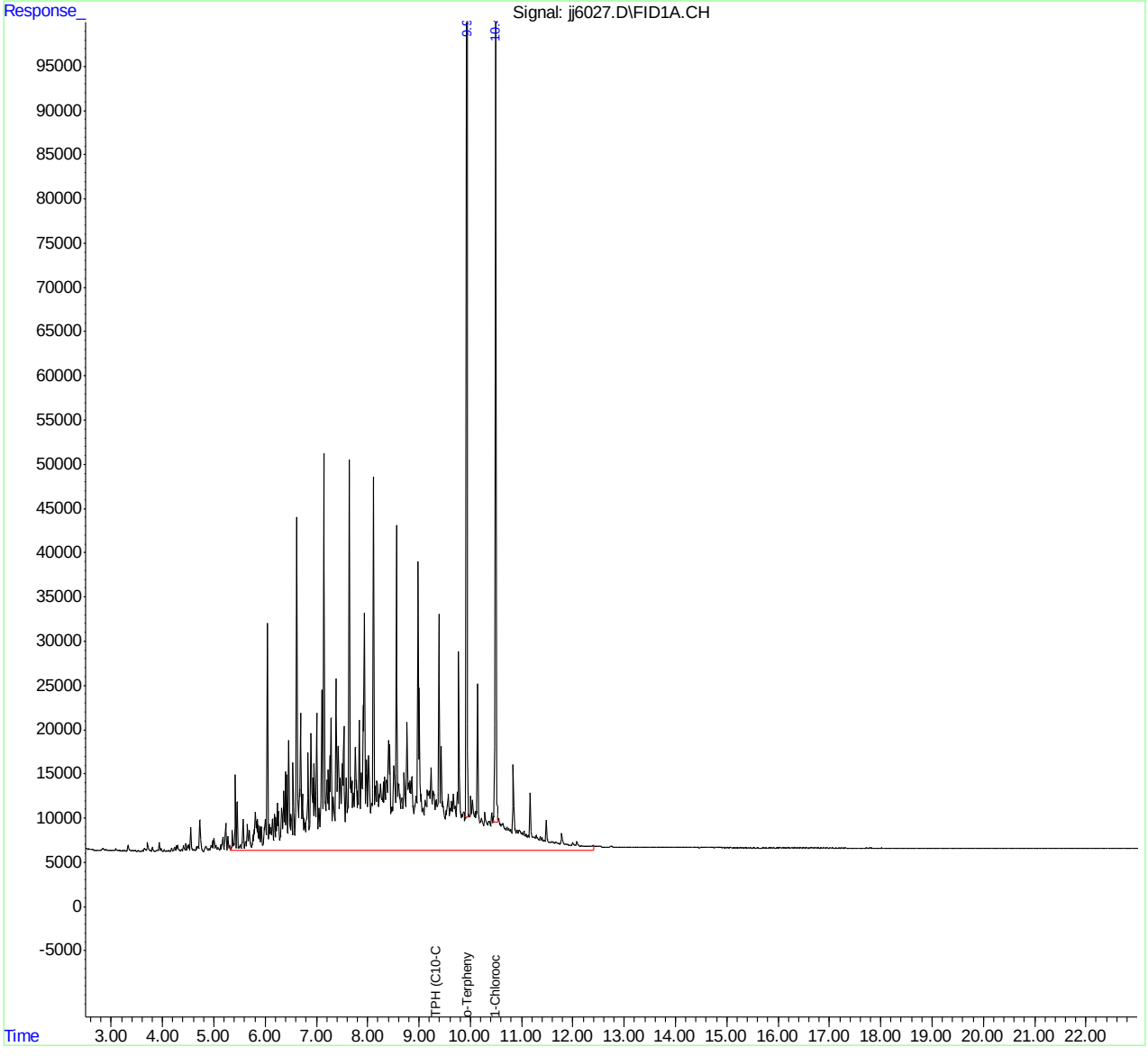
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6027.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 20:16:28
Operator : Helend
Sample : ic50-2000,(d)
Misc : op15862,gjf50
ALS Vial : 34 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:05:46 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:05:16 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6029.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 20:46:08
Operator : Helend
Sample : ic50-5000,(d)
Misc : op15862,gjf50
ALS Vial : 36 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:06:31 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:05:52 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.933	382804	269.945 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 539.89%#	
2) S 1-Chlorooctadecane	10.493	315543	253.694 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 507.39%#	
Target Compounds			
3) H TPH (C10-C28)	9.321	5904902	5772.930 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.27

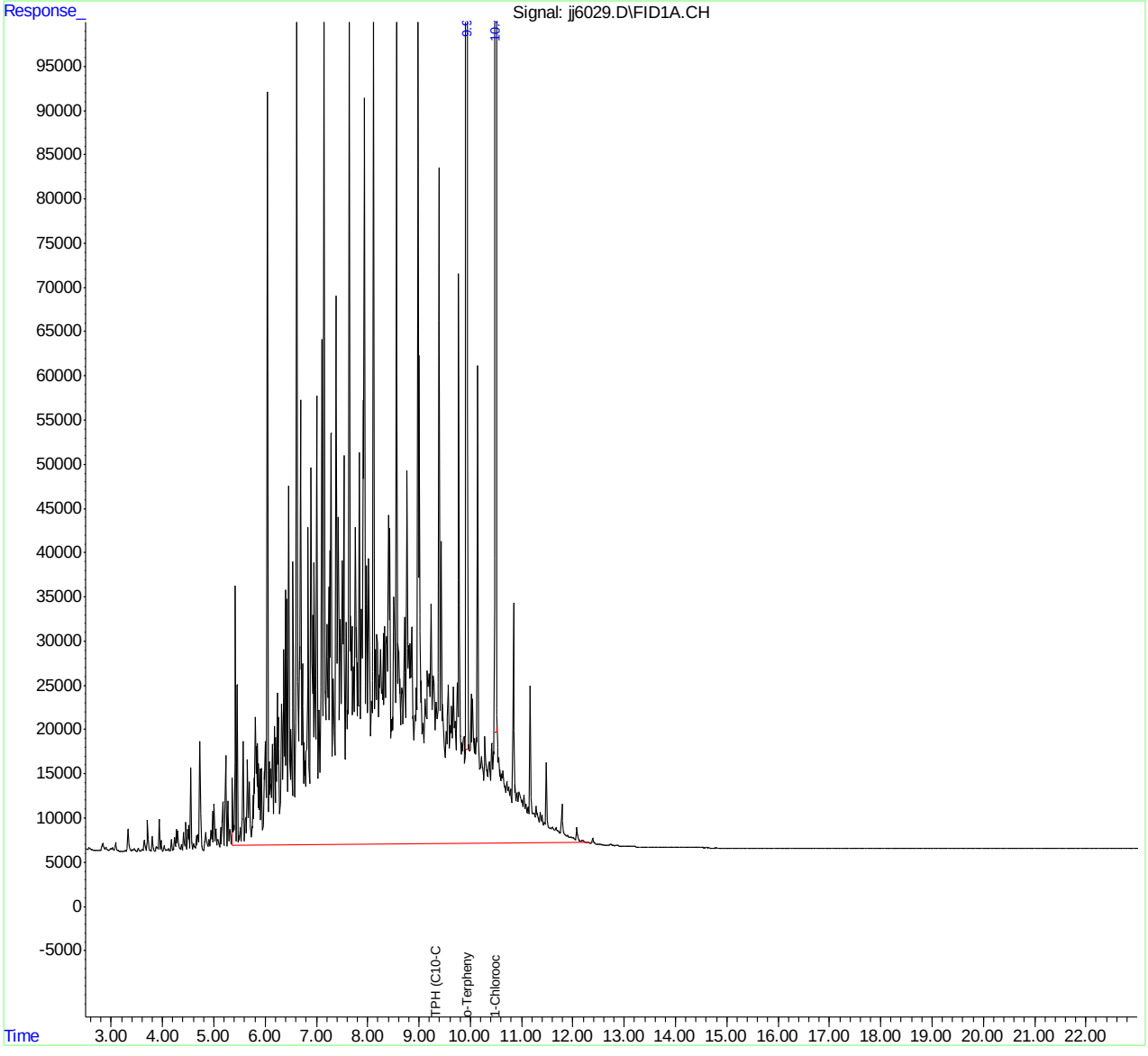
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6029.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 20:46:08
Operator : Helend
Sample : ic50-5000,(d)
Misc : op15862,gjf50
ALS Vial : 36 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:06:31 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:05:52 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6031.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 21:16:03
Operator : Helend
Sample : ic50-10000,(d)
Misc : op15862,gjf50
ALS Vial : 38 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:07:17 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:06:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.938	627159	436.455 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 872.91%#	
2) S 1-Chlorooctadecane	10.497	531380	426.176 ppm m
Spiked Amount 50.000 Range 25 - 112		Recovery = 852.35%#	
Target Compounds			
3) H TPH (C10-C28)	9.321	10660016	10160.003 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.28

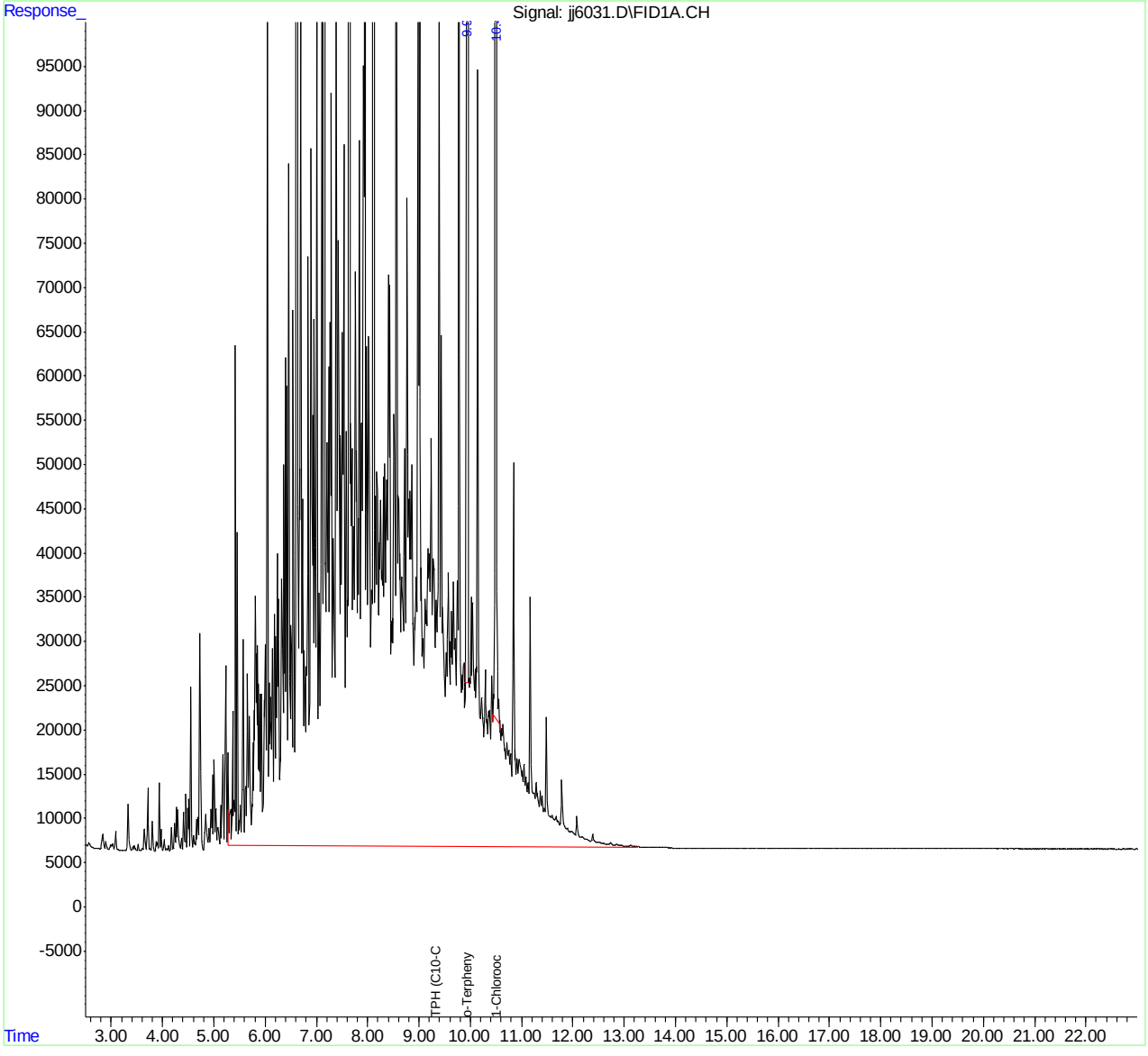
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6031.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 21:16:03
Operator : Helend
Sample : ic50-10000,(d)
Misc : op15862,gjf50
ALS Vial : 38 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:07:17 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:06:37 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6032.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 21:45:43
Operator : Helend
Sample : icv50-1000,(o)
Misc : op15862,gjb50
ALS Vial : 39 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:41:02 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	14.642	844413	857.978 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.29

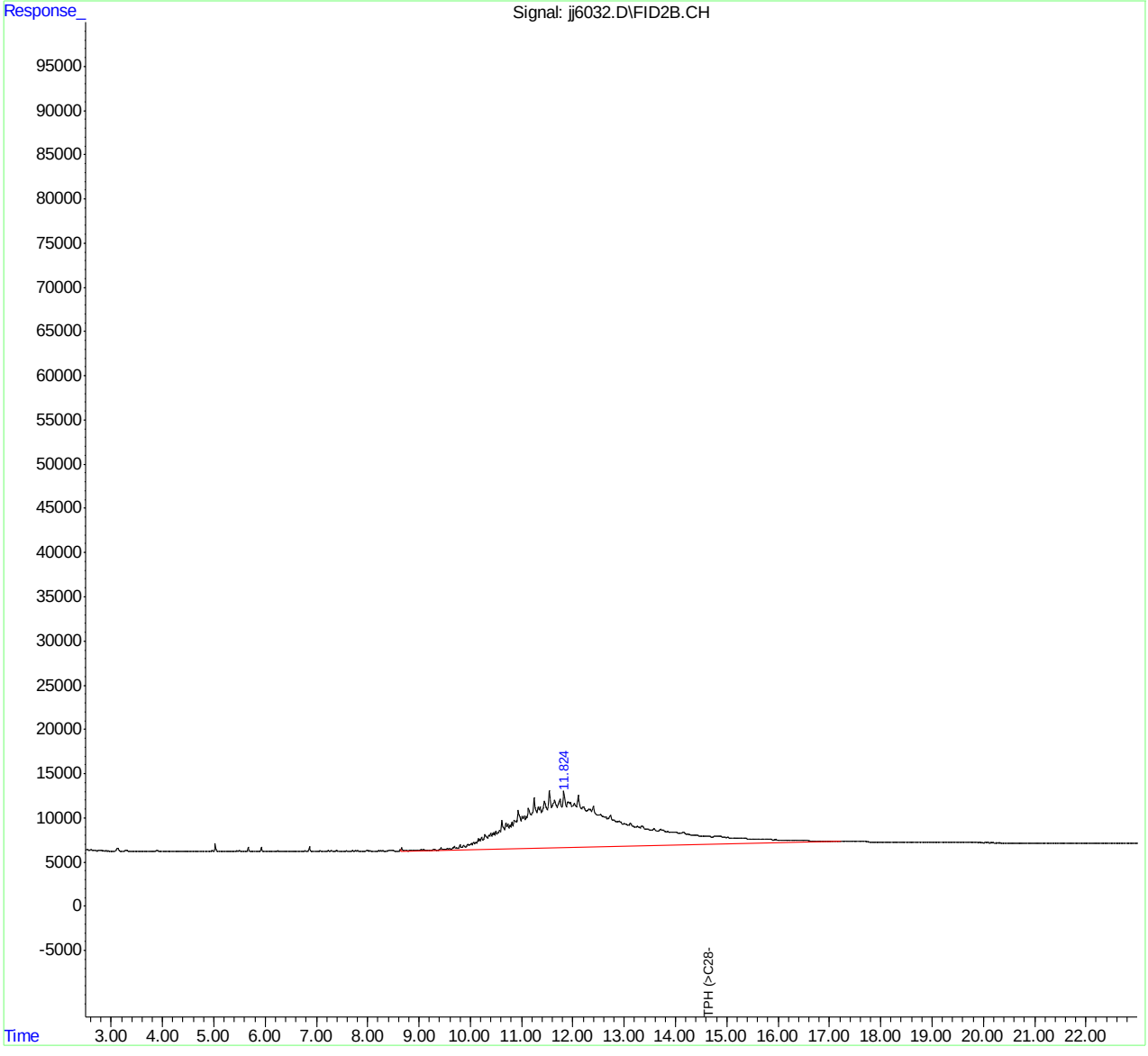
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6032.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 21:45:43
Operator : Helend
Sample : icv50-1000,(o)
Misc : op15862,gjb50
ALS Vial : 39 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:41:02 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6033.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 21:45:43
Operator : Helend
Sample : icv50-1000,(o)
Misc : op15862,gjf50
ALS Vial : 40 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:08:29 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.845	933509	968.407 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.30

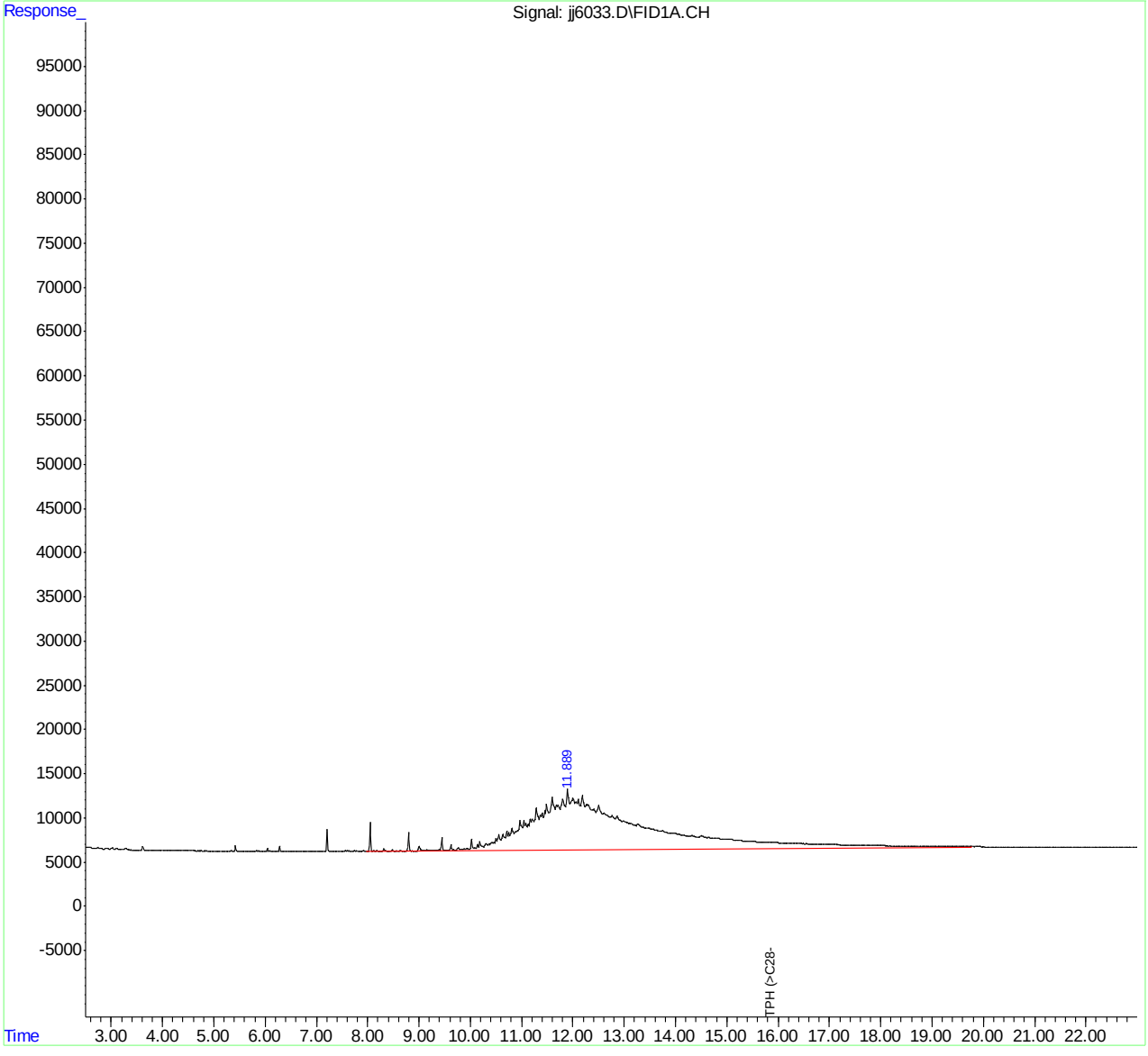
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6033.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 21:45:43
Operator : Helend
Sample : icv50-1000,(o)
Misc : op15862,gjf50
ALS Vial : 40 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:08:29 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6034.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 22:15:27
Operator : Helend
Sample : icv50-1000,(d)
Misc : op15862,gjb50
ALS Vial : 41 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:20:24 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
Target Compounds				
3) H TPH (C10-C28)	8.697	882914	1089.914	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.31

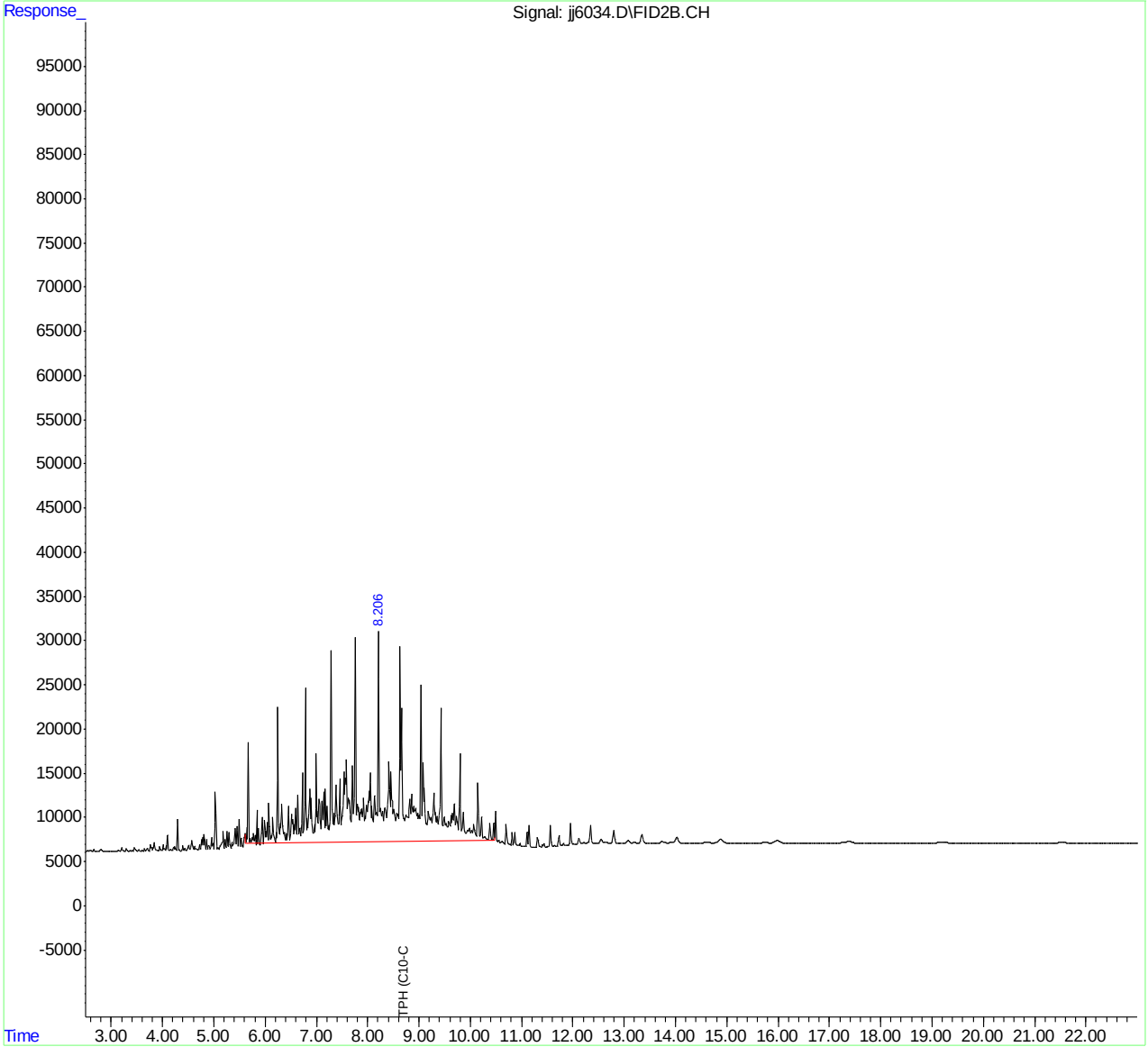
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50.SEC\
Data File : jj6034.D
Signal(s) : FID2B.CH
Acq On : 01-Sep-10, 22:15:27
Operator : Helend
Sample : icv50-1000,(d)
Misc : op15862,gjb50
ALS Vial : 41 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 10:20:24 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6035.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 22:15:27
Operator : Helend
Sample : icv50-1000,(d)
Misc : op15862,gjf50
ALS Vial : 42 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:09:17 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
3) H TPH (C10-C28)	9.321	938173	892.128 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.32

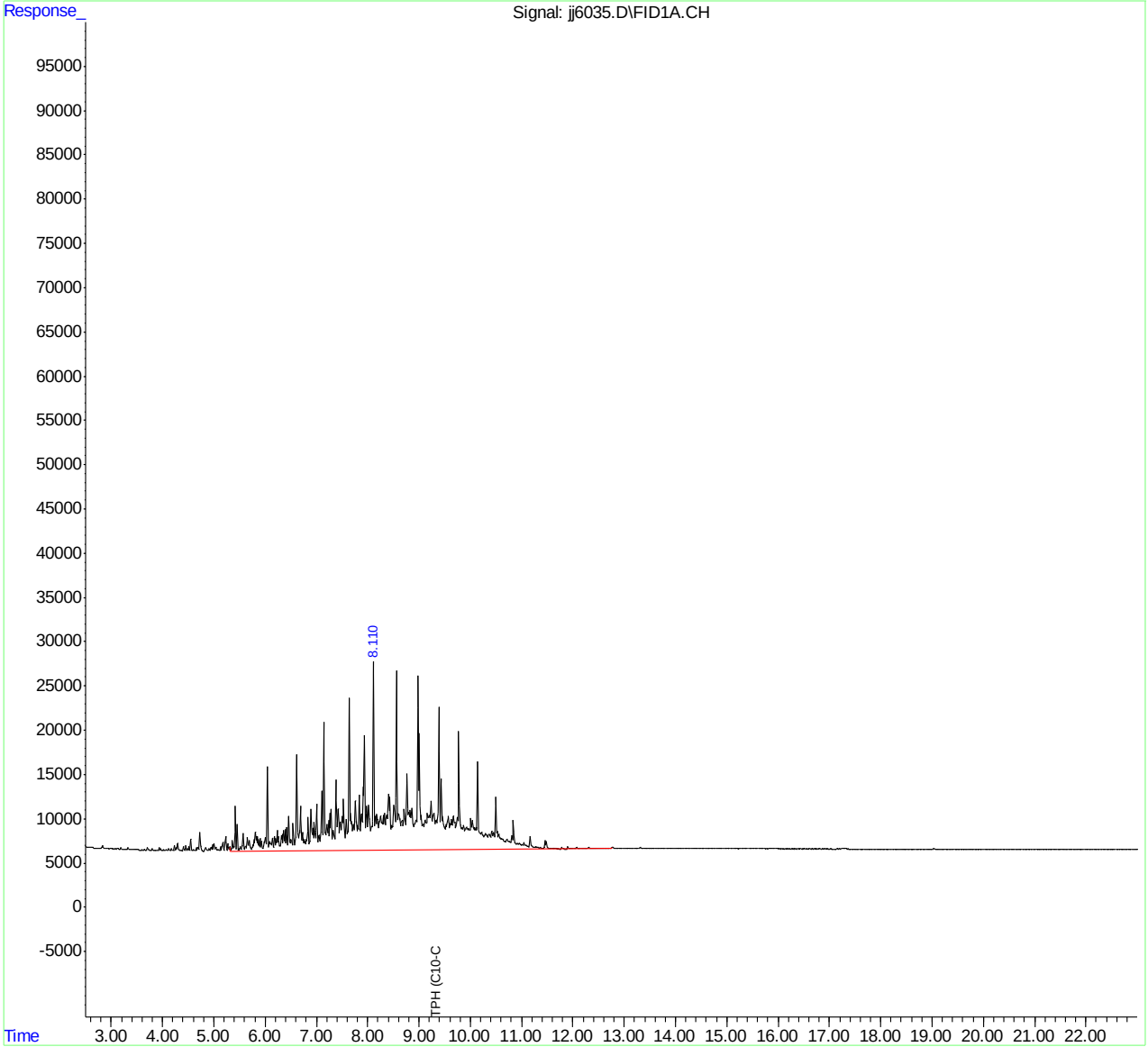
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ50\
Data File : jj6035.D
Signal(s) : FID1A.CH
Acq On : 01-Sep-10, 22:15:27
Operator : Helend
Sample : icv50-1000,(d)
Misc : op15862,gjf50
ALS Vial : 42 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 02 09:09:17 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6287.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 12:54:32
Operator : evitam
Sample : cc50-1000,(d)
Misc : op15919,gjb53
ALS Vial : 17 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:16:24 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.550	65190	57.516 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 115.03%#	
2) S 1-Chlorooctadecane	10.132	57713	56.226 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 112.45%#	
Target Compounds			
3) H TPH (C10-C28)	8.697	899601	1110.513 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.33

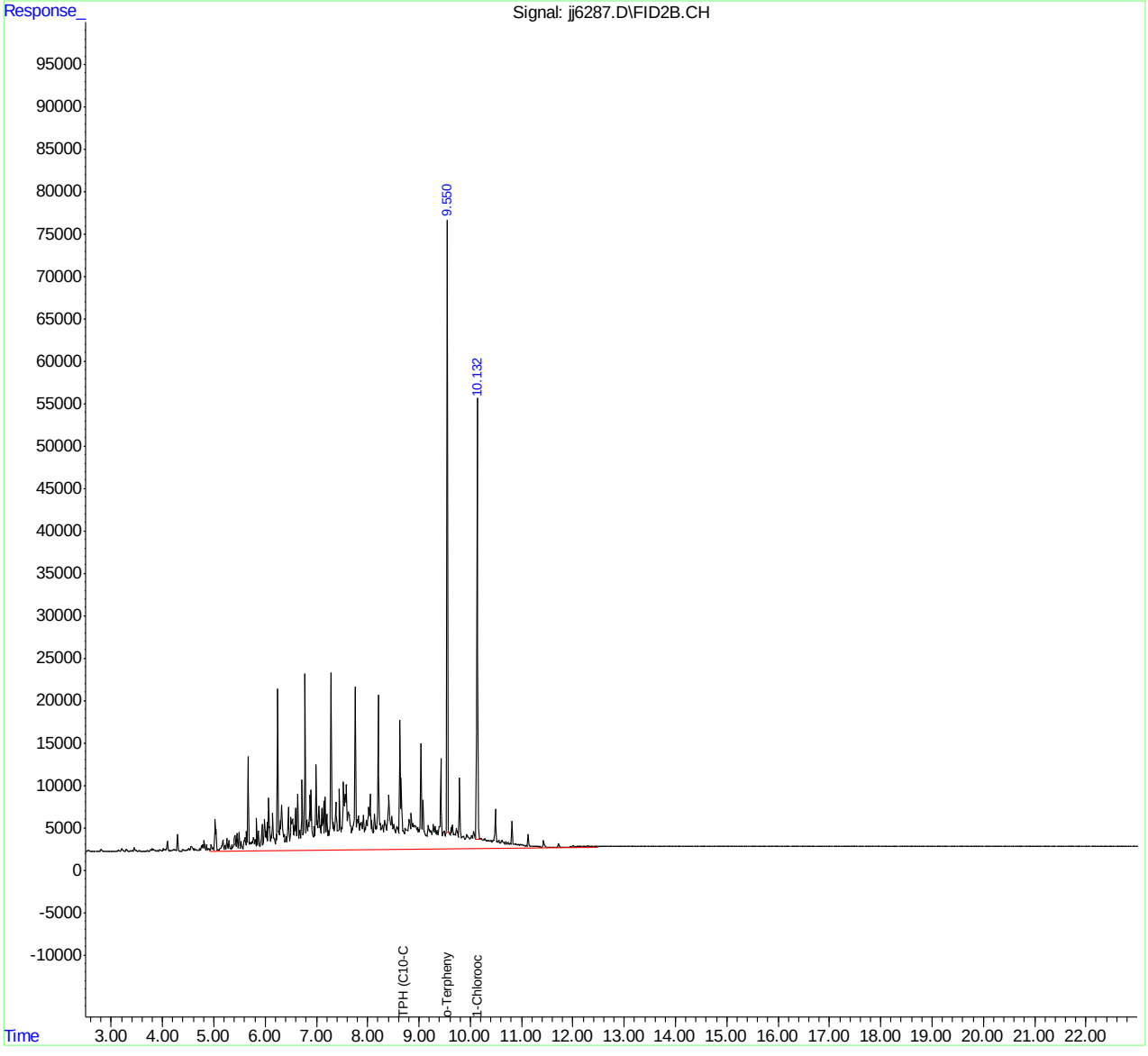
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6287.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 12:54:32
Operator : evitam
Sample : cc50-1000,(d)
Misc : op15919,gjb53
ALS Vial : 17 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:16:24 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6288.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 12:54:32
Operator : evitam
Sample : cc50-1000,(d)
Misc : op15919,gjf53
ALS Vial : 18 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:20:23 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.925	75458	53.484 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 106.97%	
2) S 1-Chlorooctadecane	10.487	60672	49.708 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 99.42%	
Target Compounds			
3) H TPH (C10-C28)	9.321	1125080	1069.862 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.34

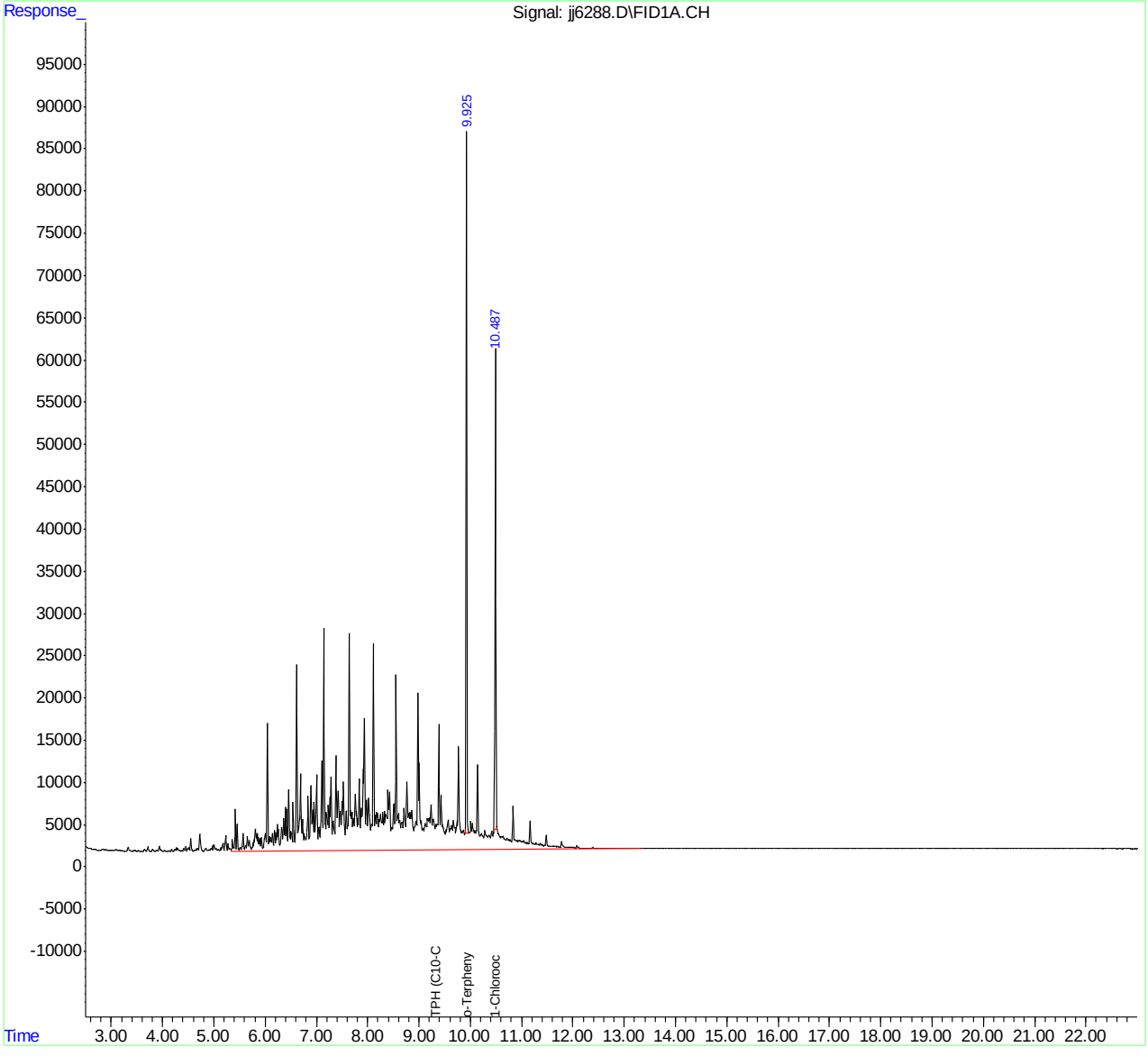
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6288.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 12:54:32
Operator : evitam
Sample : cc50-1000,(d)
Misc : op15919,gjf53
ALS Vial : 18 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:20:23 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6289.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 13:24:00
Operator : evitam
Sample : cc50-1000,(o)
Misc : op15919,gjb53
ALS Vial : 19 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:16:55 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
Target Compounds				
4) H TPH (>C28-C35)	14.500	1088683	1106.172	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.35

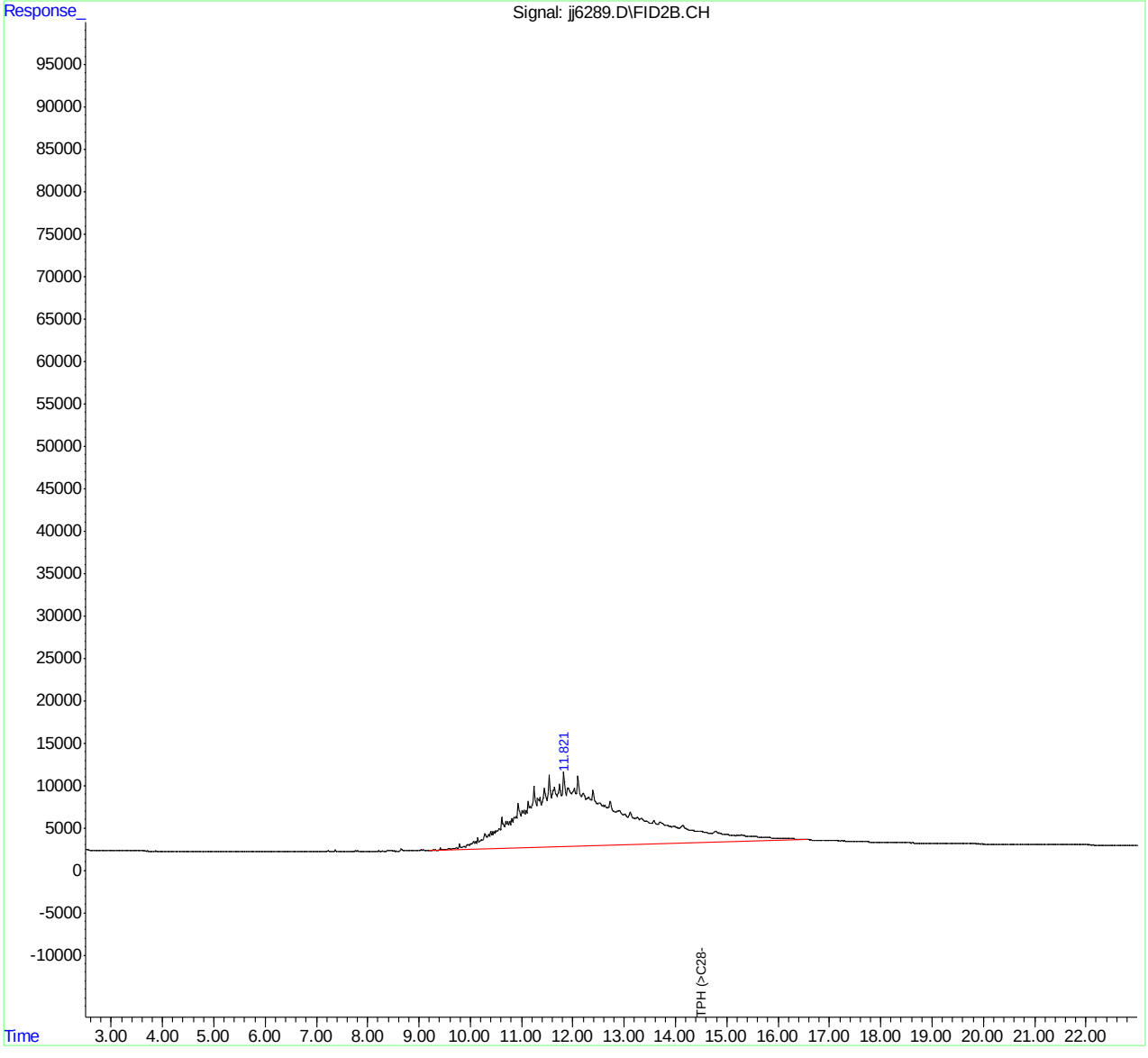
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6289.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 13:24:00
Operator : evitam
Sample : cc50-1000,(o)
Misc : op15919,gjb53
ALS Vial : 19 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:16:55 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6290.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 13:24:01
Operator : evitam
Sample : cc50-1000,(o)
Misc : op15919,gjf53
ALS Vial : 20 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:21:05 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
Target Compounds			
4) H TPH (>C28-C35)	15.693	1101285	1142.455 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.36

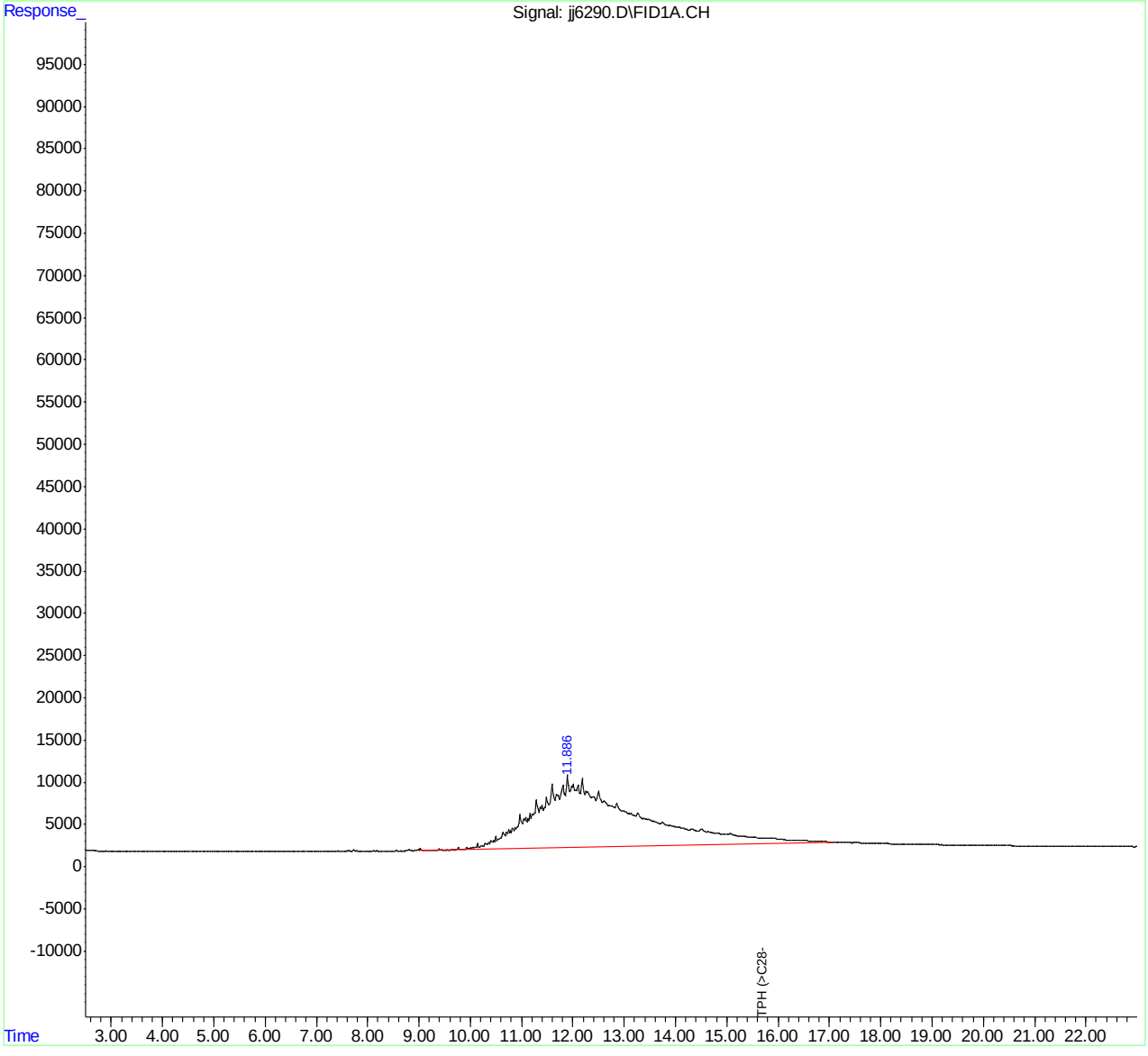
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6290.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 13:24:01
Operator : evitam
Sample : cc50-1000,(o)
Misc : op15919,gjf53
ALS Vial : 20 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 07 14:21:05 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6305.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 17:32:01
Operator : evitam
Sample : cc50-2000,(d)
Misc : op15919,gjb53
ALS Vial : 35 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:30:28 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.552	187379	165.322 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery	= 330.64%#
2) S 1-Chlorooctadecane	10.134	163217	159.011 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery	= 318.02%#
Target Compounds			
3) H TPH (C10-C28)	8.697	2874332	3548.222 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.37

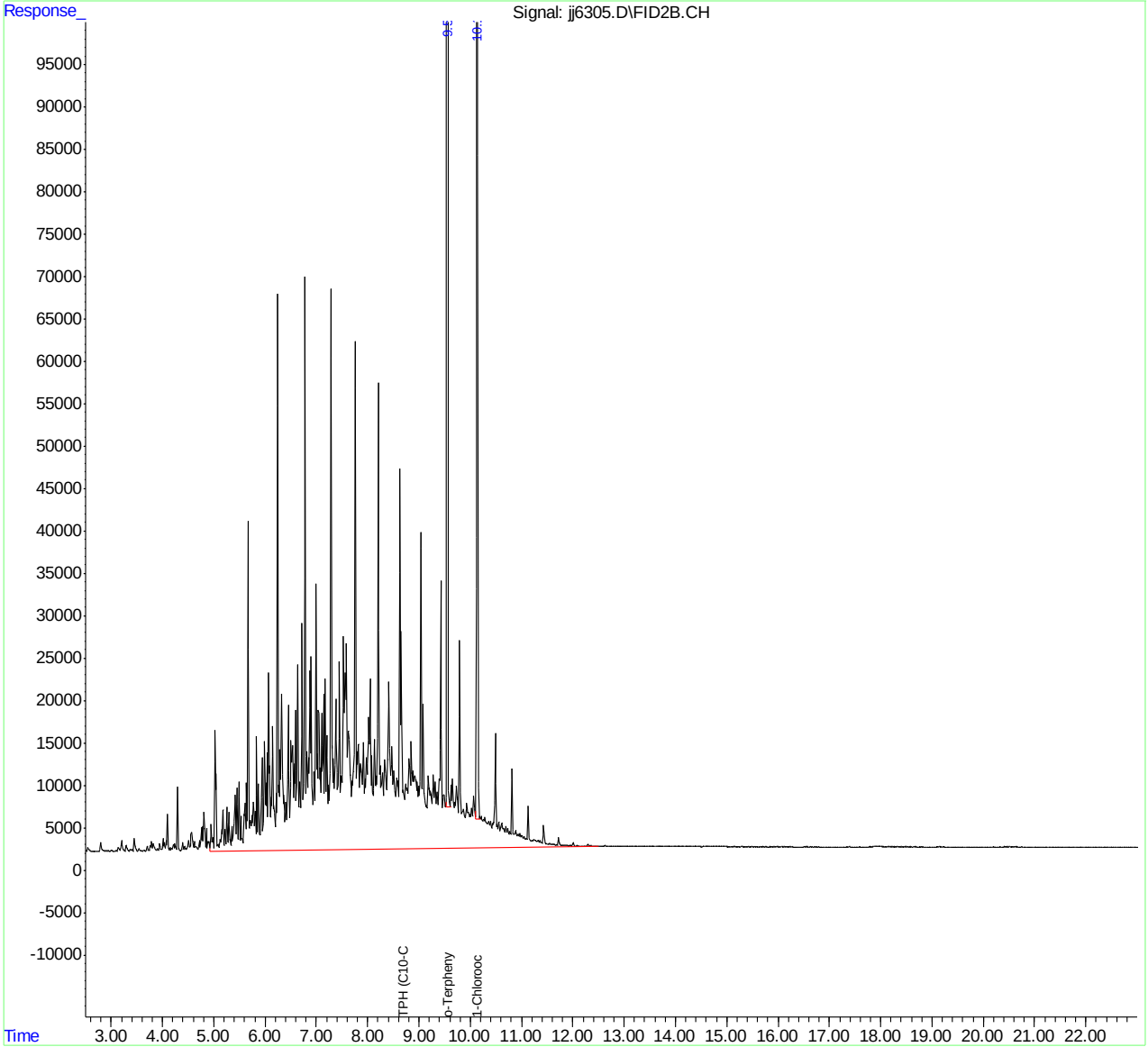
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6305.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 17:32:01
Operator : evitam
Sample : cc50-2000,(d)
Misc : op15919,gjb53
ALS Vial : 35 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:30:28 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6306.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 17:32:01
Operator : evitam
Sample : cc50-2000,(d)
Misc : op15919,gjf53
ALS Vial : 36 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:08:25 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S o-Terphenyl	9.928	184530	130.793 ppm
Spiked Amount 50.000 Range 25 - 112		Recovery = 261.59%#	
2) S 1-Chlorooctadecane	10.488	160941	131.859 ppm m
Spiked Amount 50.000 Range 25 - 112		Recovery = 263.72%#	
Target Compounds			
3) H TPH (C10-C28)	9.150	3170054	3014.471 ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.38

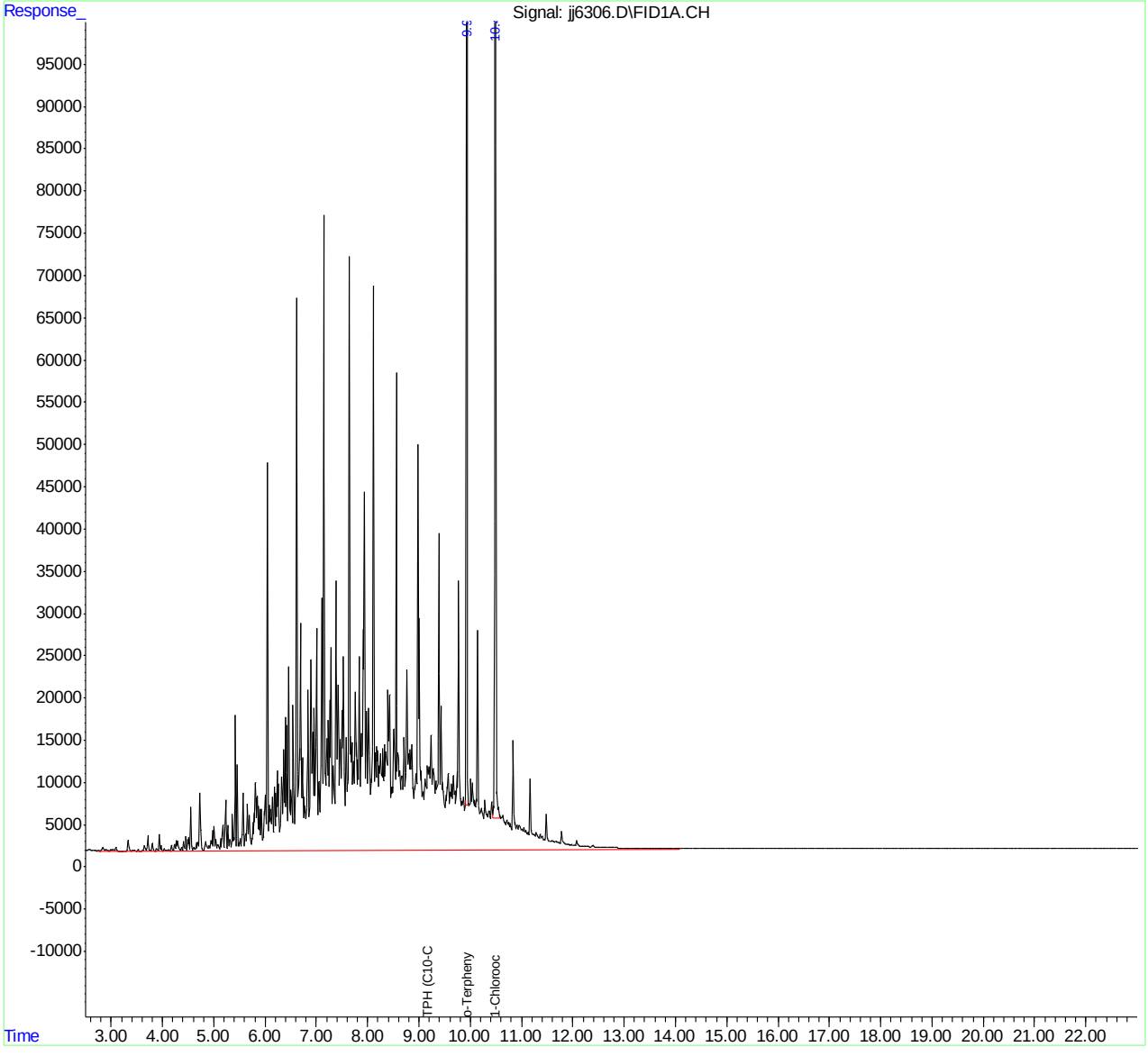
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53\
Data File : jj6306.D
Signal(s) : FID1A.CH
Acq On : 07-Sep-10, 17:32:01
Operator : evitam
Sample : cc50-2000,(d)
Misc : op15919,gjf53
ALS Vial : 36 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:08:25 2010
Quant Method : C:\msdchem\1\METHODS\gjf50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 09:07:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6307.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 18:01:38
Operator : evitam
Sample : cc50-2000,(o)
Misc : op15919,gjb53
ALS Vial : 37 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:31:12 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc	Units
System Monitoring Compounds				
Target Compounds				
4) H TPH (>C28-C35)	14.500	2754219	2798.463	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.

12.5.39

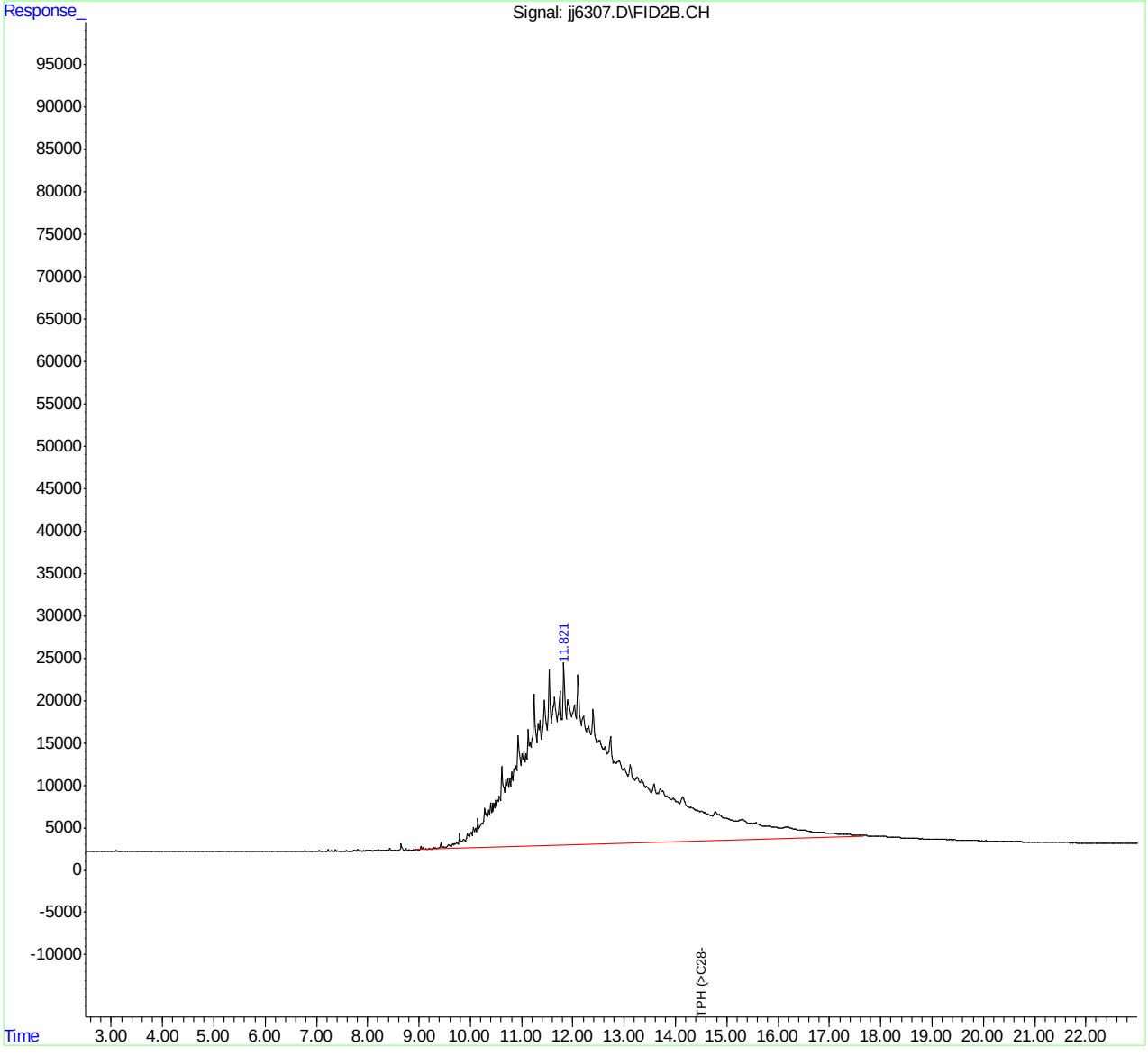
12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\GJJ53.SEC\
Data File : jj6307.D
Signal(s) : FID2B.CH
Acq On : 07-Sep-10, 18:01:38
Operator : evitam
Sample : cc50-2000,(o)
Misc : op15919,gjb53
ALS Vial : 37 Sample Multiplier: 1

Integration File: rteint.p
Quant Time: Sep 08 10:31:12 2010
Quant Method : C:\msdchem\1\METHODS\gjb50do.m
Quant Title : SW 8015 DRO / ORO
QLast Update : Thu Sep 02 10:18:26 2010
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

1 of 4

Batch ID: GJB 50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/[illegible]

Standard Data

Ref #	Description
1	GS100512A5 (m)
2	GS2323 (d)
3	GS2324 (o)
4	GS2290 (ccb)
5	E2515 (d - icv)
6	E2382 (o - icv)
	N/A

Standard Data

Ref #	Description

Columns: RTX - 5 Sil

SW-846/EPA Method SW8015 DRO/ORO

Initial Cal. Method ic 50

Calibration Date: 09/01/2010

Injection Volume: 1.0 µl

Solvent ID #: OP100806A39

Solvent: $MeCl_2$

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	JJ599H	1	primer	DRO/ORO	W	158602	N	Y		HD/[illegible]
1	96		marker					↓		
2	98		cc37-2000,(d)					N	200 ul/mL in $MeCl_2$	
3	6000		↓ (o)					↓	↓	
4	02		ccb					Y		
3	04		ic50-100, (o)						10 ul/mL in $MeCl_2$	
	06		-250, (o)						25	
	08		↓ -500, (o)						50	
	10		icc50-1000 (o)						100	
	12		ic50-2000, (o)						200	
	14		-5000, (o)						500 ↓	
↓	16		-10000, (o)						straight	
2	18		-100, (d)						10 ul/ml in $MeCl_2$	
	20		-250, (d)						25	
	22		↓ -500, (d)						50	
	24		icc50-1000, (d)						100	
	26		ic50-2000, (d)						200	
	28		-5000, (d)						500 ↓	
↓	30	↓	↓ -10000, (d)						straight	
6	↓ 32	20	icv50-1000, d	↓	↓	↓	↓	↓	↓	↓

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

12.6.1

12

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJB50

2 of 4

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/GMC

Standard Data	
Ref #	Description
same up	
as	
pg. 47	

Standard Data	
Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

Same as pg. 47.

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
5	JJ6034	21	icv50-1000(d)	DRO/ORO	W	15862	N	Y	straight	HD/GMC
4	36		ccb							
	38		op15862-mb							
	40		↓ -ms							
	42		t59026-2							
	44		t59027-3							
	46		t58848-4					N	2R with C40 method	
	48		op15866-bs		S	15866		Y		
	50		↓ -msd							
	52		t59026-3							
	54		t59027-2							
2	56		cc37-1000(d)		W				100 ul/mL in MeCl2	
3	58		↓ (o)						↓	
4	60		ccb							
	62		t58850-10		S		50		20 ul/mL in MeCl2	
	64		-15				100		10	
	66		↓ -17				50		20 ↓	
2	68		cc37-2000(d)		W		N		200 ul/mL in MeCl2	
3	70	↓	↓ (o)						↓	
4	↓ 72	40	ccb	↓	↓	↓	↓	↓		↓

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

3 of 4

Batch ID: GJB 50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/RMA

Standard Data

Ref #	Description
same as pg.	

Standard Data

Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

same as pg. 47

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	JJ6074	41	marker	DRO/ORO	W	15866	N	Y		HD/RMA
	76		t58924-1		S					
	78		↓ -3			↓				
	80		op15872-bs			15872				
	82		t58850-3		↓	↓				
	84		op15877-mb		W	15877				
	86		↓ -ms							
	88		t59120-1							
	90		t59122-2							
2	92		cc37-1000(d)						100 ul/ml in MeCl2	
3	94		↓ (o)						↓	
4	96		ccb		↓	↓				
	98		op15878-mb		S	15878				
	100		↓ -ms							
	02		t59120-3							
	04		t59122-1				↓			
	06		t59155-1				400		2.5 ul/ml in MeCl2	
	08		↓ -1A		↓		↓		↓	
2	10	↓	cc50-2000(d)		W		N		200 ul/ml in MeCl2	
3	↓ 12	60	↓ (o)	↓	↓	↓	↓	↓	↓	↓

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJB50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: [illegible]

Standard Data	
Ref #	Description

Standard Data	
Ref #	Description

N/A

same as pg. 47 .

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
4	JJ6114	61	eccb	DRO/ORO	W	15878	N	Y		HD

N/A HD 09/04/2010

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

1 of 3

Batch ID: GJB53

Date: 9/6/2010 - 9/7/2010

Analyst Signature: DWD

Standard Data

Ref #	Description
1	GS100512A5(m)
2	GS2290(ccb)
3	GS2323(d)
4	GS2324(a)
	N/A

Standard Data

Ref #	Description
	N/A

Columns: RTX5

SW-846/EPA Method SW 8015 dro/oro

Initial Cal. Method ICSD

Calibration Date: 9/1/2010

Injection Volume: 1.0 mL

Solvent ID #: OP100871A01

Solvent: MeCl

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	W6245	1	Primer	dro-010	w	15919	N	N	RR ccw contised injected the m active stop	EM
1	47		marker							
3	49		rc31-100(d)						100mL/1mL into mecl	
4	51		↓ (a)						↓	
2	53		ccb							
	55		op15919-mb							
	57		↓ -ms							
	59		t59306-3							
	61		↓ -5							
	63		t59307-5							
	65		op15926-bs		S	15926				
	67		↓ -msd							
	69		t59306-2							
1	71		marker					4	↓	
3	73		rc50-2000(d)		w				200mL/1mL into mecl	
4	75		↓ (a)						↓	
2	77		ccb		S					
	79		op15926-bs							
	81	↓	↓ -msd							
	↓ 83	20	t59306-2	↓	↓	↓	↓	↓		↓

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Continued on page #63

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

2 of 3

Batch ID: GJ B53

Date: 9/15/2010 - 9/8/2010

Analyst Signature: [illegible]

Standard Data	
Ref #	Description
S	Same on the
	page 61

Standard Data	
Ref #	Description

Columns:

SW-846/EPA Method

Initial Cal. Method

Calibration Date:

Injection Volume:

Solvent ID #:

Solvent:

same on page 61

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	JJ6285	21	459242-7	dro_ORO	S	15895	50	Y		EM
3	87		CC50-100(d)		W	15930	N	Y	100 ml/1ml into meCl	
4	89		↓ (d)						↓	
2	91		ccb							
	93		op15930MB		S					
	95		↓ -ms							
	97		459209-3							
	99		op15931-mb		W	15931				
	101		↓ -ms							
	03		459309-1							
3	05		CC50-200(d)						200 ml/1ml into meCl	
4	07		↓ (d)						↓	
2	09		ccb							
	11		op15943-mb			15943		N	RR for confirmation	
	13		↓ -ms					Y		
	15		459311-3							
	17		459311-2-2							
	19		op15944-bs		S	15944		N	Batch sent to extract	
	21		↓ -msd						↓	
	23	40	459311-4							

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

3 of 3

Batch ID: GJB53

Date: 9/5/10 - 9/8/10

Analyst Signature: [illegible]

Standard Data	
Ref #	Description

Standard Data	
Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:
Solvent ID #:
Solvent:

same as page 61

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	JJ 6325	41	0050-1000(d)	8270-SVO	W	15944	N	Y	well limit into peak	EA
	27	42	1 (d)						1	
	29	43	orb							
	~~31~~	~~44~~								
	~~33~~	~~45~~	[illegible] 9/7/10							

N/A

[illegible] 9/8/10

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJF50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/ECG

Standard Data

Ref #	Description
1	GS100512A5 (m)
2	GS2323 (d)
3	GS2324 (o)
4	GS2290 (ccb)
5	E2515 (d-icv)
6	E2382 (o-icv)
	N/A

Standard Data

Ref #	Description

Columns: RTX-5 SIL

SW-846/EPA Method SW8015 DRO/ORO

Initial Cal. Method ic50

Calibration Date: 09/01/2010

Injection Volume: 1.0 uL

Solvent ID #: OP100806+139

Solvent: $MeCl_2$

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	JJ5995	1	primer	DRO/ORO	W	15862	N	Y		HD/ECG
1	97		marker					↓		
2	99		cc37-2000, (d)					N	out of range, make	
3	6001		↓ (o)					↓	a new curve	
4	03		ccb					Y		
3	05		ic50-100, (o)						10 ul/mL in $MeCl_2$	
	07		-250, (o)						25	
	09		-500, (o)						50	
	11		ic50-1000, (o)						100	
	13		ic50-2000, (o)						200	
	15		-5000, (o)						500	
	17		-10000, (o)						straight	
2	19		-100, (d)						10 ul/mL in $MeCl_2$	
	21		-250, (d)						25	
	23		-500, (d)						50	
	25		ic50-100, (d)						100	
	27		ic50-2000, (d)						200	
	29		-5000, (d)						500	
	31		-10000, (d)						straight	
6	33	20	icv50-1000, (o)							

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJF 50

2 of 4

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/EKG

Standard Data	
Ref #	Description
same as pg 43	

Standard Data	
Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

Same as pg 43

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
5	JJ 6035	21	icv 50-1000,(d)	DRO/ORO	W	15862	N	Y	straight	HD/EKG
4	37		ccb							
	39		op15862-bs							
	41		↓ -msd							
	43		t59026-4							
	45		t59027-4		↓	↓				
	47		op158606-mb		S	15866				
	49		↓ -ms							
	51		t59026-1							
	53		t59027-1							
	55		t58920-1 (RR)		↓				for confirmation	
2	57		cc 50-1000,(d)		W				100 ul/ml in MeCl2	
3	59		↓ (w)						↓	
4	61		ccb		↓		↓			
	63		t58850-11		S		10		100 ul/ml in MeCl2	
	65		-16				50		20	
	67		↓ -19		↓		10		100 ↓	
2	69		cc 50-2000,(d)		W		N		200 ul/ml in MeCl2	
3	MK 9/3/10 71 ~~70~~	↓	↓ (o)						↓	
4	73	40	ccb	↓	↓	↓	↓	↓		↓

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJF50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/ELC

Standard Data	
Ref #	Description
	as
same	
	A3
pg.	

Standard Data	
Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

same as pg. 43

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
1	JJ 6075	41	MARKER	DRO/ORO	W	15866	N	Y		HD/ELC
	77		t58924-2		S					
	79		OP15872-MB			15872				
	81		t58850-2							
	83		-33							
	85		OP15877-BS		W	15877				
	87		-MSD							
	89		t59120-2							
	91		t59122-4							
2	93		cc 37-1000,(d)						100 ul/ml in MeCl2	
3	95		-1000,(o)							
4	97		ccb							
	99		OP15878-BS		S	15878				
	JJ6101		-MSD							
	03		t59120-4							
	05		t59122-3							
	07		t59155-2				400		2.5 ul/ml in MeCl2	
	09		-2A							
2	11		ccc50-2000,(d)		W		N		200 ul/ml in MeCl2	
3	13	60	(o)							

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJF50

Date: 09/01/2010 - 09/02/2010

Analyst Signature: HD/EKD

Standard Data

Ref #	Description
same as pg. 43	

Standard Data

Ref #	Description
N/A	

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:
Solvent ID #:
Solvent:

same as pg. 43

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: ______________________

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
4	JJ 6115	61	occb	DRO/ORO	W	15878	N	Y		HD/EKD

N/A HD 09/04/2010

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Form: GC008, Rev. 05/20/05,QAO

12.6.3 12

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

1 of 3

Batch ID: GJF 53

Date: 9/5/2010 - 9/7/2010

Analyst Signature: [illegible]

Standard Data

Ref #	Description
1	GS 100512#5 (marker)
2	GS 2290 (ccb)
3	GS 2323 (Diesel)
4	GS 2324 (oil)

Standard Data

Ref #	Description

Columns: RTX 5

SW-846/EPA Method SW 8015 DRO/ORO

Initial Cal. Method IC 50

Calibration Date: 9-1-2010

Injection Volume: 1.0µl

Solvent ID #: OP 100871 A21

Solvent: Methylene Chloride

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor: _____

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	GJJ 6246	1	Primer	8015DOT	W	15919	N	Y		EH
1	48		marker							
3	50		cc34-1000.(1)					N	RE rerun/ inc. stop in the last CC	
4	52		↓ (2)						100ul/ 1ml in 10 mec	
2	54		ccb							
	56		op 15919-bs							
	58		↓ -msd							
	60		t593060-4							
	62		t59307-4							
	64		op15926-mb		S	15926				
	66		↓ -ms							
	68		t59306-1							
	70		t59307-3							
1	72		marker		W			Y		
3	74		cc 50-2000(1)						200ul/ 1ml in 10 mec	
4	76		↓ (2)						↓	
2	78		ccb							
	80		op15926-ms		S					
	82		t59306-1							
	84	20	t59357-3							

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

12.6.4 12

Form: GC008, Rev. 05/20/05,QAO

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Date: 9/5/2010 - 9/7/2010

2 of 3

Batch ID: GJF53

Analyst Signature: [illegible]

Standard Data	
Ref #	Description
Same as # page 59	

Standard Data	
Ref #	Description

Columns:

SW-846/EPA Method

Initial Cal. Method

Calibration Date:

Injection Volume:

Solvent ID #:

Solvent:

Same as page # 59

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	16286	21	1592427A	dot	S	15895	50	Y	20ml/ml into MeCl	EM
3	88		2ccso-10x(1)	|	W	|	N	|	200ml	|
4	90		÷ 4	|	|	|	|	|	200ml	|
2	92	24	ecob	↓	↓	↓	↓	↓		↓

N/A

[illegible] 9/7/2010

MTX = Matrix Designate W for water, S for soil, O for oil.

☐ Data Scanned

Continued on page 63 [illegible] 9/8/10

ACCUTEST

GC SEMIVOLATILE ANALYSIS LOG

Batch ID: GJF53

Date: 9/5/2010 - 9/7/2010

3 of 3

Analyst Signature: [illegible]

Standard Data

Ref #	Description
Same as page #59	

Standard Data

Ref #	Description

Columns:
SW-846/EPA Method
Initial Cal. Method
Calibration Date:
Injection Volume:

Solvent ID #:
Solvent:

Same as page 59

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP TGC012.

Signature of Supervisor:

Ref #	Data File	ALS#	Sample ID	Method	MTX	OP Batch	Dilution	Run OK	Comments	Initials
	94	25	op15930-bs	dot	S	15930	N	Y		EM
	96		msd							
	98		659309-4							
	6300	38	op15931-bs		W	15931				
	6302		msd							
	04		659309-2							
3	06		cc50-200(d)						200 ug/L 1mL into meOL cc running high	
4	08		(u)							
2	10		ccb			15943				
	12		op15943-bs							
	14		msd							
	16		659311-4							
	18		op15944-mb		S	15944		N	send to extract Bath op15944	
	20		ms							
	22		659311-1							
	24		659312-1							
3	26		cc50-1000(d)		W			Y	cc running high 100 ug/L 1mL into meOL	
4	28		(u)							
2	30	39	ccb							
	~~32~~	40	~~matrix~~							

9/8/10

MTX = Matrix Designate W for water, S for soil, O for oil.

N/A gmd 9/8/10

☐ Data Scanned

12.6.4 12

Form: GC008, Rev. 05/20/05 QAO

DRO SOLID SAMPLE PREP REPORT

Date: 9-6-2010 Method: EPA 3550B/8015DRO Batch#: OP 15930

Analyst: E.F

Sample ID	Bottle Number	Amount Extracted (g)	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	NA	30.00	1.0 ml		1.0 ml	
BS	↓	30.00	↓	1.0ml	↓	
T59309-3	1	30.22	↓	↓	↓	
-4	1	30.75	↓	↓	↓	
						E.F 9-6-10
MS	1	30.63	1.0ml	1.0ml	1.0ml	T59309-3,4 EF 9-6-2010
MSD	1	30.75	↓	↓	↓	↓
DUP						

Surrogate ID: E2527 Conc: 50ppm Exp. Date: 3-3-11 Bath Temp: 42°c

Spike ID: E2515 Conc: 1000ppm Exp. Date: 2/6/11

Methylene Chloride ID #: OP10083/A19 Dried Sodium Sulfate ID #: 23-OP-39-2

Silica Gel ID #: N/A 50:50 Methylene Chloride/Acetone Solution ID #: N/A

Comments:

Relinquished By: Cha Fields Date: 9-6-2010

Accepted By: [illegible] Date: 9/7/2010

P.97

Form: OP007, Rev. 11/10/04, QAO

12.7.1 12

DRO LIQUID SAMPLE PREP REPORT

Date: 9.6.10 Method: EPA 3510C/8015 DRO Batch#: OP15931

Analyst: EC

Sample ID	Bottle Number	Amount Extracted (ml)	Initial pH	Adjusted pH	Surrogate Amount	Spike Amount	Final Volume (ml)	Comments
MB	N/A	1000	7	N/A	1.0ml.	1.0ml.	1.0ml.	
BS	✓	✓	✓	✓	✓	✓	✓	
T59309-1	1	990	✓	✓	✓	✓	✓	
2	1	✓	✓	✓	✓	✓	✓	
MS	3	500	7	~~[illegible]~~	1.0ml.	1.0ml.	1.0ml.	59309-2
MSD	3	✓	✓	✓	✓	✓	✓	2

Surrogate ID: E7527 Conc: 50ppm Exp. Date: 3.3.11 Bath Temp: 42°c

Spike ID: E7515 Conc: 1000ppm Exp. Date: 2.16.11

Methylene Chloride ID #: OP10083/1/13 Dried Sodium Sulfate ID #: 23.OP.39.2

Comments:

Relinquished By: Date:

Accepted By: [illegible] Date: 9/7/2010

Form: OP008, Rev. 11/10/04, QAO

Gulf Coast ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:06	MA5077-STD1	1		STDA
17:11	MA5077-STD2	1		STDB
17:17	MA5077-STD3	1		STDC
17:23	MA5077-ICV1	1		
17:28	MA5077-ICB1	1		
17:34	MA5077-CRI1	1		
17:39	MA5077-ICSA1	1		
17:45	MA5077-ICSAB1	1		
17:51	MA5077-CCV1	1		
17:56	MA5077-CCB1	1		
18:02	MP12740-MB1	1		
18:08	MP12740-B1	1		
18:13	T59295-1	5		(sample used for QC only; not part of login T59309)
18:19	MP12740-D1	5		
18:25	MP12740-SD1	25		
18:31	MP12740-S1	5		
18:36	MP12740-S2	5		
18:42	ZZZZZZ	5		
18:48	ZZZZZZ	5		
18:53	ZZZZZZ	5		
18:59	MA5077-CCV2	1		
19:05	MA5077-CCB2	1		
19:10	ZZZZZZ	5		
19:16	ZZZZZZ	5		
19:22	ZZZZZZ	5		
19:27	ZZZZZZ	5		
19:33	ZZZZZZ	5		
19:39	ZZZZZZ	5		
19:45	ZZZZZZ	5		
19:51	ZZZZZZ	5		
19:56	ZZZZZZ	5		
20:02	T59309-1	5		
20:08	MA5077-CCV3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:13	MA5077-CCB3	1		
20:19	T59309-2	5		
20:25	MA5077-CCV4	1		
20:30	MA5077-CCB4	1		
20:36	T59295-1	25		(sample used for QC only; not part of login T59309)
20:42	MP12740-D1	25		
20:48	MP12740-SD1	125		
20:53	MP12740-S1	25		
20:59	MP12740-S2	25		
21:05	ZZZZZZ	25		
21:11	ZZZZZZ	25		
21:16	ZZZZZZ	25		
21:22	ZZZZZZ	25		
21:28	ZZZZZZ	25		
21:34	MA5077-CCV5	1		
21:39	MA5077-CCB5	1		
21:45	ZZZZZZ	25		
21:51	ZZZZZZ	25		
21:56	ZZZZZZ	25		
22:02	ZZZZZZ	25		
22:08	ZZZZZZ	25		
22:14	ZZZZZZ	25		
22:19	ZZZZZZ	25		
22:25	T59309-1	25		
22:31	T59309-2	25		
22:37	MA5077-CCV6	1		
22:42	MA5077-CCB6	1		
22:48	MP12742-MB1	1		
22:54	MP12742-B1	1		
22:59	T59295-1F	5		(sample used for QC only; not part of login T59309)
23:05	MP12742-D1	5		
23:11	MP12742-SD1	25		
23:16	MP12742-S1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
23:22	MP12742-S2	5		
23:28	ZZZZZZ	5		
23:33	ZZZZZZ	5		
23:39	ZZZZZZ	5		
23:45	MA5077-CCV7	1		
23:50	MA5077-CCB7	1		
23:56	ZZZZZZ	5		
00:02	ZZZZZZ	5		
00:08	ZZZZZZ	5		
00:14	ZZZZZZ	5		
00:19	ZZZZZZ	5		
00:25	ZZZZZZ	5		
00:31	ZZZZZZ	5		
00:37	ZZZZZZ	5		
00:42	T59309-1F	5		
00:48	T59309-2F	5		
00:54	MA5077-CCV8	1		
00:59	MA5077-CCB8	1		
01:05	T59295-1F	25		(sample used for QC only; not part of login T59309)
01:11	MP12742-D1	25		
01:17	MP12742-SD1	125		
01:22	MP12742-S1	25		
01:28	MP12742-S2	25		
01:34	ZZZZZZ	25		
01:40	ZZZZZZ	25		
01:46	ZZZZZZ	25		
01:51	ZZZZZZ	25		
01:57	ZZZZZZ	25		
02:03	MA5077-CCV9	1		
02:09	MA5077-CCB9	1		
02:14	ZZZZZZ	25		
02:20	ZZZZZZ	25		
02:26	ZZZZZZ	25		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
02:32	ZZZZZZ	25		
02:37	ZZZZZZ	25		
02:43	ZZZZZZ	25		
02:49	T59309-1F	25		
02:55	T59309-2F	25		
03:01	MA5077-CCV10	1		
03:06	MA5077-CCB10	1		
03:12	MP12737-MB1	5		
03:18	MP12737-B1	5		
03:23	T59199-1	5		(sample used for QC only; not part of login T59309)
03:29	MP12737-D1	5		
03:35	MP12737-SD1	25		
03:40	MP12737-S1	5		
03:46	MP12737-S2	5		
03:52	ZZZZZZ	1		
03:57	ZZZZZZ	1		
04:03	MA5077-CCV11	1		
04:09	MA5077-CCB11	1		
04:14	MP12739-MB1	5		See rerun. Cadmium found in the blank.
04:20	MP12739-B1	5		See rerun. Cd/AG outside recovery.
04:26	T58774-1	5		(sample used for QC only; not part of login T59309)
04:31	MP12739-D1	5		
04:37	MP12739-SD1	25		
04:43	MP12739-S1	5		
04:49	MP12739-S2	5		
04:54	ZZZZZZ	5		
05:00	ZZZZZZ	5		
05:06	ZZZZZZ	5		
05:12	MA5077-CCV12	1		
05:17	MA5077-CCB12	1		
05:23	ZZZZZZ	5		
05:29	ZZZZZZ	5		
05:34	ZZZZZZ	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	05:40	ZZZZZZ	5		
	05:46	ZZZZZZ	5		
	05:52	MA5077-CCV13	1		
	05:57	MA5077-CCB13	1		
	06:03	T59295-1	1		(sample used for QC only; not part of login T59309)
	06:09	MP12740-D1	1		
	06:15	MP12740-SD1	5		
	06:20	MP12740-S1	1		
	06:26	MP12740-S2	1		
---------->	Last reportable sample/prep for job T59309				
	06:32	ZZZZZZ	1		
	06:38	ZZZZZZ	1		
	06:44	ZZZZZZ	1		
	06:50	ZZZZZZ	1		
	06:56	ZZZZZZ	1		
	07:02	MA5077-CCV14	1		
	07:07	MA5077-CCB14	1		
---------->	Last reportable CCB for job T59309				
	07:13	ZZZZZZ	1		
	07:19	ZZZZZZ	1		
	07:25	ZZZZZZ	1		
	07:31	ZZZZZZ	1		
	07:37	ZZZZZZ	1		
	07:43	ZZZZZZ	1		
	07:49	ZZZZZZ	1		
	07:55	T59309-1	1		
	08:01	T59309-2	1		
	08:07	MA5077-CCV15	1		
	08:13	MA5077-CCB15	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:06	MA5077-STD1	4201 R	80157 R	8201 R	809 R
17:11	MA5077-STD2	4088	77997	8282	721
17:17	MA5077-STD3	3993	76524	8191	671
17:23	MA5077-ICV1	4185	80134	8320	774
17:28	MA5077-ICB1	4246	81177	8293	813
17:34	MA5077-CRI1	4258	80682	8279	807
17:39	MA5077-ICSA1	3945	75532	8403	619
17:45	MA5077-ICSAB1	3996	76882	8659	627
17:51	MA5077-CCV1	4303	84770	9029	764
17:56	MA5077-CCB1	4451	88815	9257	861
18:02	MP12740-MB1	4455	89424	9336	861
18:08	MP12740-B1	4302	85968	9311	771
18:13	T59295-1	3982	79171	9077	709
18:19	MP12740-D1	4013	77258	8823	708
18:25	MP12740-SD1	4311	84617	9156	802
18:31	MP12740-S1	3986	78357	8925	698
18:36	MP12740-S2	4056	78740	8878	708
18:42	ZZZZZZ	4069	78361	8881	720
18:48	ZZZZZZ	3837	73766	8673	663
18:53	ZZZZZZ	3887	74975	8778	673
18:59	MA5077-CCV2	4344	86024	9085	776
19:05	MA5077-CCB2	4513	88326	9111	872
19:10	ZZZZZZ	4558	88568	9217	874
19:16	ZZZZZZ	3974	76953	8829	696
19:22	ZZZZZZ	3949	75054	8631	686
19:27	ZZZZZZ	3983	76857	8804	690
19:33	ZZZZZZ	4157	80981	9001	749
19:39	ZZZZZZ	3938	74463	8558	679
19:45	ZZZZZZ	3971	76604	8819	688
19:51	ZZZZZZ	3960	76160	8784	682
19:56	ZZZZZZ	3878	74391	8703	666
20:02	T59309-1	3932	74732	8745	678
20:08	MA5077-CCV3	4414	87236	9304	785

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
20:13	MA5077-CCB3	4518	90384	9489	876
20:19	T59309-2	3920	74789	8719	676
20:25	MA5077-CCV4	4411	86955	9318	786
20:30	MA5077-CCB4	4574	89884	9387	882
20:36	T59295-1	4316	84833	9174	798
20:42	MP12740-D1	4398	84451	9087	807
20:48	MP12740-SD1	4537	89117	9339	866
20:53	MP12740-S1	4373	85613	9290	801
20:59	MP12740-S2	4371	85059	9079	805
21:05	ZZZZZZ	4269	83546	9121	779
21:11	ZZZZZZ	4156	80956	8916	754
21:16	ZZZZZZ	4474	87259	9027	865
21:22	ZZZZZZ	4311	83996	9062	790
21:28	ZZZZZZ	4278	82483	8864	781
21:34	MA5077-CCV5	4405	86402	9236	782
21:39	MA5077-CCB5	4502	89514	9308	873
21:45	ZZZZZZ	4282	82917	8965	780
21:51	ZZZZZZ	4312	84026	9113	788
21:56	ZZZZZZ	4386	85464	9038	821
22:02	ZZZZZZ	4309	83735	9128	785
22:08	ZZZZZZ	4271	83010	9031	774
22:14	ZZZZZZ	4295	83227	8969	779
22:19	ZZZZZZ	4276	83446	9051	774
22:25	T59309-1	4292	82789	8898	778
22:31	T59309-2	4329	84204	9036	789
22:37	MA5077-CCV6	4409	85560	8923	783
22:42	MA5077-CCB6	4586	89417	9216	884
22:48	MP12742-MB1	4528	89348	9170	874
22:54	MP12742-B1	4416	85622	9020	780
22:59	T59295-1F	4120	79794	8958	729
23:05	MP12742-D1	4140	78746	8726	730
23:11	MP12742-SD1	4404	85921	9098	817
23:16	MP12742-S1	4128	78720	8637	717

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
23:22	MP12742-S2	4162	80310	8873	725
23:28	ZZZZZZ	4122	78247	8706	726
23:33	ZZZZZZ	3986	75808	8652	687
23:39	ZZZZZZ	3934	75151	8631	679
23:45	MA5077-CCV7	4454	86812	9127	790
23:50	MA5077-CCB7	4542	89276	9149	878
23:56	ZZZZZZ	4067	77789	8781	712
00:02	ZZZZZZ	3980	76569	8741	694
00:08	ZZZZZZ	4016	76171	8668	695
00:14	ZZZZZZ	4234	82204	9017	759
00:19	ZZZZZZ	4000	75448	8682	690
00:25	ZZZZZZ	3961	75630	8712	681
00:31	ZZZZZZ	3975	75759	8687	686
00:37	ZZZZZZ	3943	74985	8607	676
00:42	T59309-1F	3987	75866	8665	687
00:48	T59309-2F	3947	75682	8758	680
00:54	MA5077-CCV8	4448	85739	9028	787
00:59	MA5077-CCB8	4561	89168	9166	877
01:05	T59295-1F	4423	84968	8944	815
01:11	MP12742-D1	4377	84962	9084	810
01:17	MP12742-SD1	4550	88823	9139	868
01:22	MP12742-S1	4379	85680	9104	805
01:28	MP12742-S2	4437	85488	9039	812
01:34	ZZZZZZ	4386	85257	9057	810
01:40	ZZZZZZ	4356	83679	8976	786
01:46	ZZZZZZ	4307	82396	8849	778
01:51	ZZZZZZ	4407	85442	9099	807
01:57	ZZZZZZ	4321	83563	9059	786
02:03	MA5077-CCV9	4465	87239	9201	792
02:09	MA5077-CCB9	4559	88507	9075	879
02:14	ZZZZZZ	4350	84550	9168	792
02:20	ZZZZZZ	4435	86247	9139	829
02:26	ZZZZZZ	4370	84403	9053	791

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
02:32	ZZZZZZ	4329	82346	8844	782
02:37	ZZZZZZ	4357	84584	9073	788
02:43	ZZZZZZ	4306	82389	8845	777
02:49	T59309-1F	4360	83498	9000	788
02:55	T59309-2F	4173	79614	8786	737
03:01	MA5077-CCV10	4485	87511	9147	796
03:06	MA5077-CCB10	4576	88054	9044	877
03:12	MP12737-MB1	4416	85066	9090	803
03:18	MP12737-B1	4427	85123	9084	791
03:23	T59199-1	4412	85432	9131	797
03:29	MP12737-D1	4355	82986	8936	783
03:35	MP12737-SD1	4564	88235	9163	855
03:40	MP12737-S1	4401	84476	9048	787
03:46	MP12737-S2	4466	85528	9109	801
03:52	ZZZZZZ	4413	84646	9051	795
03:57	ZZZZZZ	4436	85303	9125	806
04:03	MA5077-CCV11	4462	86413	9086	786
04:09	MA5077-CCB11	4655	90526	9197	891
04:14	MP12739-MB1	4418	84649	9034	800
04:20	MP12739-B1	4492	86693	9196	807
04:26	T58774-1	4395	83794	8871	794
04:31	MP12739-D1	4444	86515	9180	803
04:37	MP12739-SD1	4521	87057	9019	844
04:43	MP12739-S1	4477	86595	9186	803
04:49	MP12739-S2	4432	84195	8940	787
04:54	ZZZZZZ	4375	85013	9127	787
05:00	ZZZZZZ	4340	83397	8950	776
05:06	ZZZZZZ	4371	85731	9171	784
05:12	MA5077-CCV12	4490	86188	9018	792
05:17	MA5077-CCB12	4657	90932	9208	896
05:23	ZZZZZZ	4357	84202	8883	785
05:29	ZZZZZZ	4330	83710	8902	775
05:34	ZZZZZZ	4302	82487	8743	774

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5077
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,Tl,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
05:40	ZZZZZZ	4312	84075	8997	776
05:46	ZZZZZZ	4349	83481	8834	781
05:52	MA5077-CCV13	4389	85907	8965	777
05:57	MA5077-CCB13	4466	86390	8790	860
06:03	T59295-1	3600	68122	8226	599
06:09	MP12740-D1	3615	66866	7956	595
06:15	MP12740-SD1	4126	78603	8655	725
06:20	MP12740-S1	3617	67913	8011	573
06:26	MP12740-S2	3679	69656	8262	588
06:32	ZZZZZZ	3618	67069	7911	597
06:38	ZZZZZZ	3277	62530	7809	530
06:44	ZZZZZZ	3255	60578	7488	523
06:50	ZZZZZZ	4512	88377	9004	868
06:56	ZZZZZZ	3459	63816	7764	565
07:02	MA5077-CCV14	4405	85679	8895	778
07:07	MA5077-CCB14	4599	88219	8865	881
07:13	ZZZZZZ	3299	62105	7628	536
07:19	ZZZZZZ	3295	61914	7669	537
07:25	ZZZZZZ	3773	70618	8112	636
07:31	ZZZZZZ	3270	61845	7694	530
07:37	ZZZZZZ	3268	61484	7552	530
07:43	ZZZZZZ	3266	61895	7723	530
07:49	ZZZZZZ	3206	61769	7775	523
07:55	T59309-1	3261	62161	7672	532
08:01	T59309-2	3265	62509	7789	533
08:07	MA5077-CCV15	4432	86444	8919	789
08:13	MA5077-CCB15	4533	88876	9020	879

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3710)	60-125 %
Istd#3	Yttrium (3710-2)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5077 Units: ug/l

Time:			17:28		17:56		19:05		20:13	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3								
Antimony	500	1	0.82	<500	0.32	<500	0.13	<500	0.040	<500
Arsenic	500	1.7	0.67	<500	0.23	<500	0.020	<500	-1.1	<500
Barium	1000	.97	0.20	<1000	-0.11	<1000	-0.040	<1000	-0.080	<1000
Beryllium	5.0	.056	0.080	<5.0	0.050	<5.0	0.020	<5.0	0.0	<5.0
Boron	100	1.4								
Cadmium	5.0	.11	0.14	<5.0	0.13	<5.0	0.050	<5.0	0.13	<5.0
Calcium	5000	7.4								
Chromium	10	.23	0.31	<10	0.24	<10	0.12	<10	0.47	<10
Cobalt	50	.15								
Copper	25	1.1								
Iron	100	1.1								
Lead	500	1	-1.2	<500	-0.49	<500	-0.90	<500	-0.26	<500
Lithium	300	2								
Magnesium	5000	7.7	2.4	<5000	7.5	<5000	68.8	<5000	9.6	<5000
Manganese	15	.054								
Molybdenum	20	.39								
Nickel	40	.69	-0.10	<40	-0.030	<40	-0.11	<40	-0.010	<40
Potassium	10000	39								
Selenium	500	1.5	1.2	<500	2.2	<500	0.41	<500	1.7	<500
Silver	10	1.2	-0.44	<10	1.0	<10	1.1	<10	1.1	<10
Sodium	10000	9.2	0.86	<10000	11.6	<10000	671	<10000	361	<10000
Strontium	10	.061								
Thallium	500	.67								
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3								
Zinc	20	.51								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5077 Units: ug/l

Time:			20:30		21:39		22:42		23:50	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3								
Antimony	500	1	0.15	<500	-0.61	<500	-0.20	<500	-0.20	<500
Arsenic	500	1.7	-1.1	<500	-1.3	<500	-0.47	<500	0.060	<500
Barium	1000	.97	-0.10	<1000	-0.070	<1000	-0.25	<1000	-0.15	<1000
Beryllium	5.0	.056	0.020	<5.0	0.0	<5.0	0.0	<5.0	0.010	<5.0
Boron	100	1.4								
Cadmium	5.0	.11	0.13	<5.0	0.080	<5.0	0.10	<5.0	-0.060	<5.0
Calcium	5000	7.4								
Chromium	10	.23	0.27	<10	0.18	<10	0.47	<10	0.080	<10
Cobalt	50	.15								
Copper	25	1.1								
Iron	100	1.1								
Lead	500	1	-1.4	<500	-0.73	<500	-0.99	<500	-0.77	<500
Lithium	300	2								
Magnesium	5000	7.7	4.4	<5000	-0.36	<5000	9.3	<5000	7.0	<5000
Manganese	15	.054								
Molybdenum	20	.39								
Nickel	40	.69	-0.11	<40	-0.020	<40	-0.22	<40	-0.14	<40
Potassium	10000	39								
Selenium	500	1.5	-0.89	<500	1.4	<500	-0.84	<500	-0.20	<500
Silver	10	1.2	0.75	<10	0.87	<10	0.89	<10	0.72	<10
Sodium	10000	9.2	330	<10000	227	<10000	228	<10000	397	<10000
Strontium	10	.061								
Thallium	500	.67								
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3								
Zinc	20	.51								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5077 Units: ug/l

Time:			00:59		02:09		03:06		04:09	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3								
Antimony	500	1	0.78	<500	0.84	<500	0.29	<500	1.1	<500
Arsenic	500	1.7	-0.24	<500	-0.12	<500	0.39	<500	-0.15	<500
Barium	1000	.97	-0.15	<1000	-0.030	<1000	-0.10	<1000	-0.19	<1000
Beryllium	5.0	.056	0.010	<5.0	0.010	<5.0	0.020	<5.0	0.020	<5.0
Boron	100	1.4								
Cadmium	5.0	.11	0.26	<5.0	0.16	<5.0	0.17	<5.0	0.21	<5.0
Calcium	5000	7.4								
Chromium	10	.23	0.070	<10	0.29	<10	0.42	<10	0.17	<10
Cobalt	50	.15								
Copper	25	1.1								
Iron	100	1.1								
Lead	500	1	-0.46	<500	-0.75	<500	-0.31	<500	-0.57	<500
Lithium	300	2								
Magnesium	5000	7.7	13.1	<5000	4.7	<5000	-2.2	<5000	5.2	<5000
Manganese	15	.054								
Molybdenum	20	.39								
Nickel	40	.69	-0.29	<40	-0.040	<40	-0.22	<40	0.020	<40
Potassium	10000	39								
Selenium	500	1.5	-0.48	<500	1.6	<500	1.4	<500	-0.070	<500
Silver	10	1.2	0.78	<10	0.70	<10	0.13	<10	0.98	<10
Sodium	10000	9.2	557	<10000	275	<10000	291	<10000	248	<10000
Strontium	10	.061								
Thallium	500	.67								
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3								
Zinc	20	.51								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5077 Units: ug/l

Time: / Sample ID:			05:17 CCB12		05:57 CCB13		07:07 CCB14	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	8.3						
Antimony	500	1	0.93	<500	1.5	<500	2.6	<500
Arsenic	500	1.7	0.88	<500	0.27	<500	2.6	<500
Barium	1000	.97	-0.17	<1000	-0.16	<1000	1.9	<1000
Beryllium	5.0	.056	0.030	<5.0	0.010	<5.0	2.1	<5.0
Boron	100	1.4						
Cadmium	5.0	.11	0.12	<5.0	0.050	<5.0	2.3	<5.0
Calcium	5000	7.4						
Chromium	10	.23	0.22	<10	0.51	<10	2.5	<10
Cobalt	50	.15						
Copper	25	1.1						
Iron	100	1.1						
Lead	500	1	-0.91	<500	-0.13	<500	1.6	<500
Lithium	300	2						
Magnesium	5000	7.7	-0.82	<5000	1.9	<5000	64.8	<5000
Manganese	15	.054						
Molybdenum	20	.39						
Nickel	40	.69	-0.11	<40	-0.030	<40	2.3	<40
Potassium	10000	39						
Selenium	500	1.5	-0.020	<500	-0.50	<500	3.6	<500
Silver	10	1.2	0.73	<10	0.030	<10	0.74	<10
Sodium	10000	9.2	249	<10000	210	<10000	992	<10000
Strontium	10	.061						
Thallium	500	.67						
Tin	20	.69						
Titanium	20	.29						
Vanadium	50	.3						
Zinc	20	.51						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5077 Units: ug/l

Time:		17:23			17:51			18:59	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	3000	2960	98.7	2000	2000	100.0	2000	2030	101.5
Arsenic	3000	2950	98.3	2000	2040	102.0	2000	2050	102.5
Barium	3000	3030	101.0	2000	1950	97.5	2000	1950	97.5
Beryllium	3000	2990	99.7	2000	2070	103.5	2000	2080	104.0
Boron									
Cadmium	3000	2990	99.7	2000	2010	100.5	2000	2000	100.0
Calcium									
Chromium	3000	3050	101.7	2000	2070	103.5	2000	2090	104.5
Cobalt									
Copper									
Iron									
Lead	3000	2900	96.7	2000	2000	100.0	2000	1960	98.0
Lithium									
Magnesium	5000	5130	102.6	40000	38700	96.8	40000	39900	99.8
Manganese									
Molybdenum									
Nickel	3000	2890	96.3	2000	2020	101.0	2000	2010	100.5
Potassium									
Selenium	3000	2980	99.3	2000	2040	102.0	2000	2010	100.5
Silver	500	513	102.6	250	233	93.2	250	226	90.4
Sodium	5000	5080	101.6	40000	37900	94.8	40000	38400	96.0
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5077 Units: ug/l

Time:		20:08			20:25			21:34	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	2000	2030	101.5	2000	2020	101.0	2000	2020	101.0
Arsenic	2000	2060	103.0	2000	2050	102.5	2000	2050	102.5
Barium	2000	1920	96.0	2000	1920	96.0	2000	1920	96.0
Beryllium	2000	2070	103.5	2000	2070	103.5	2000	2080	104.0
Boron									
Cadmium	2000	1990	99.5	2000	1990	99.5	2000	1990	99.5
Calcium									
Chromium	2000	2070	103.5	2000	2070	103.5	2000	2080	104.0
Cobalt									
Copper									
Iron									
Lead	2000	1970	98.5	2000	1960	98.0	2000	1970	98.5
Lithium									
Magnesium	40000	39000	97.5	40000	38500	96.3	40000	38800	97.0
Manganese									
Molybdenum									
Nickel	2000	2010	100.5	2000	2000	100.0	2000	2010	100.5
Potassium									
Selenium	2000	2030	101.5	2000	2020	101.0	2000	2010	100.5
Silver	250	223	89.2*	250	223	89.2*	250	224	89.6*
Sodium	40000	37600	94.0	40000	37400	93.5	40000	37700	94.3
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5077 Units: ug/l

Time:		22:37			23:45			00:54	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	2000	1990	99.5	2000	2000	100.0	2000	2000	100.0
Arsenic	2000	2030	101.5	2000	2050	102.5	2000	2040	102.0
Barium	2000	1920	96.0	2000	1910	95.5	2000	1920	96.0
Beryllium	2000	2090	104.5	2000	2090	104.5	2000	2100	105.0
Boron									
Cadmium	2000	2000	100.0	2000	2000	100.0	2000	2000	100.0
Calcium									
Chromium	2000	2100	105.0	2000	2110	105.5	2000	2100	105.0
Cobalt									
Copper									
Iron									
Lead	2000	1980	99.0	2000	1990	99.5	2000	1990	99.5
Lithium									
Magnesium	40000	39600	99.0	40000	39300	98.3	40000	39700	99.3
Manganese									
Molybdenum									
Nickel	2000	2020	101.0	2000	2030	101.5	2000	2030	101.5
Potassium									
Selenium	2000	2020	101.0	2000	2030	101.5	2000	2030	101.5
Silver	250	229	91.6	250	224	89.6*	250	228	91.2
Sodium	40000	38500	96.3	40000	38100	95.3	40000	38400	96.0
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5077 Units: ug/l

Time:		02:03			03:01			04:03	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum									
Antimony	2000	1990	99.5	2000	1990	99.5	2000	1980	99.0
Arsenic	2000	2040	102.0	2000	2040	102.0	2000	2030	101.5
Barium	2000	1920	96.0	2000	1920	96.0	2000	1930	96.5
Beryllium	2000	2080	104.0	2000	2080	104.0	2000	2090	104.5
Boron									
Cadmium	2000	2000	100.0	2000	2000	100.0	2000	1990	99.5
Calcium									
Chromium	2000	2090	104.5	2000	2100	105.0	2000	2080	104.0
Cobalt									
Copper									
Iron									
Lead	2000	1980	99.0	2000	1990	99.5	2000	2000	100.0
Lithium									
Magnesium	40000	39100	97.8	40000	39100	97.8	40000	38900	97.3
Manganese									
Molybdenum									
Nickel	2000	2020	101.0	2000	2020	101.0	2000	2020	101.0
Potassium									
Selenium	2000	2020	101.0	2000	2030	101.5	2000	2030	101.5
Silver	250	226	90.4	250	224	89.6*	250	228	91.2
Sodium	40000	38000	95.0	40000	38100	95.3	40000	38000	95.0
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5077 Units: ug/l

Time: / Sample ID: / Metal	CCV True	05:12 CCV12 Results	% Rec	CCV True	05:52 CCV13 Results	% Rec	CCV True	07:02 CCV14 Results	% Rec
Aluminum									
Antimony	2000	1990	99.5	2000	1980	99.0	2000	1960	98.0
Arsenic	2000	2030	101.5	2000	2020	101.0	2000	2010	100.5
Barium	2000	1920	96.0	2000	1920	96.0	2000	1920	96.0
Beryllium	2000	2090	104.5	2000	2080	104.0	2000	2070	103.5
Boron									
Cadmium	2000	1990	99.5	2000	1990	99.5	2000	1980	99.0
Calcium									
Chromium	2000	2080	104.0	2000	2080	104.0	2000	2070	103.5
Cobalt									
Copper									
Iron									
Lead	2000	2000	100.0	2000	1980	99.0	2000	1980	99.0
Lithium									
Magnesium	40000	39200	98.0	40000	38800	97.0	40000	38800	97.0
Manganese									
Molybdenum									
Nickel	2000	2020	101.0	2000	2000	100.0	2000	2000	100.0
Potassium									
Selenium	2000	2040	102.0	2000	2000	100.0	2000	2000	100.0
Silver	250	231	92.4	250	227	90.8	250	227	90.8
Sodium	40000	38400	96.0	40000	38000	95.0	40000	38700	96.8
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc									

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA5077 Units: ug/l

Time:			17:34	
Sample ID:	CRI	CRIA	CRI1	
Metal	True	True	Results	% Rec
Aluminum	200	400		
Antimony	5.0	10	4.4	88.0
Arsenic	5.0	10	6.1	122.0
Barium	200	400	210	105.0
Beryllium	10	10	5.2	52.0
Boron	100	200		
Cadmium	4.0	4.0	4.1	102.5
Calcium	5000	10000		
Chromium	10	10	10.9	109.0
Cobalt	50	10		
Copper	25	50		
Iron	100	200		
Lead	3.0	6.0	2.4	80.0
Lithium	300	600		
Magnesium	5000	10000	5300	106.0
Manganese	15	30		
Molybdenum	10	20		
Nickel	40	20	37.1	92.8
Potassium	5000	10000		
Selenium	5.0	10	4.1	82.0
Silver	10	4.0	9.9	99.0
Sodium	5000	10000	5110	102.2
Strontium	20	20		
Thallium	10	4.0		
Tin	20	20		
Titanium	20	20		
Vanadium	50	100		
Zinc	20	10		

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090610.ICP Date Analyzed: 09/06/10 Methods: SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA5077 Units: ug/l

Time:			17:39		17:45	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	489000	97.8	474000	94.8
Antimony		1000	3.1		1030	103.0
Arsenic		1000	-1.1		1020	102.0
Barium		500	-2.5		520	104.0
Beryllium		500	0.050		537	107.4
Boron			-4.1		17.0	
Cadmium		1000	-1.9		1050	105.0
Calcium	400000	400000	378000	94.5	376000	94.0
Chromium		500	5.5		519	103.8
Cobalt		500	-8.0		463	92.6
Copper		500	-12		493	98.6
Iron	200000	200000	185000	92.5	182000	91.0
Lead		1000	4.2		1060	106.0
Lithium			6.1		5.3	
Magnesium	500000	500000	511000HH	102.2	499000H	99.8
Manganese		500	-6.6		487	97.4
Molybdenum		500	-0.30		479	95.8
Nickel		1000	0.22		1020	102.0
Potassium			-12		11.6	
Selenium		1000	-0.29		1010	101.0
Silver		1000	-0.41		1000	100.0
Sodium			-16		2.5	
Strontium			4.2		4.1	
Thallium		1000	-4.3		1050	105.0
Tin			0.16		-0.50	
Titanium			3.6		4.0	
Vanadium		500	-9.0		485	97.0
Zinc		1000	-22		1030	103.0

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
12:48	MA5078-STD1	1		STDA
12:53	MA5078-STD2	1		STDB
12:59	MA5078-STD3	1		STDC
13:04	MA5078-ICV1	1		
13:10	MA5078-ICB1	1		
13:15	MA5078-CRI1	1		
13:21	MA5078-ICSA1	1		
13:27	MA5078-ICSAB1	1		
13:32	MA5078-CCV1	1		
13:38	MA5078-CCB1	1		
13:43	T59295-1	1		(sample used for QC only; not part of login T59309)
13:49	MP12740-D1	1		
13:55	MP12740-SD1	5		
14:00	MP12740-S1	1		
14:06	MP12740-S2	1		
14:12	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:23	ZZZZZZ	1		
14:29	ZZZZZZ	1		
14:35	ZZZZZZ	1		
14:41	MA5078-CCV2	1		
14:46	MA5078-CCB2	1		
14:52	ZZZZZZ	1		
14:58	ZZZZZZ	1		
15:04	MA5078-CCV3	1		
15:10	MA5078-CCB3	1		
15:15	T59295-1F	1		(sample used for QC only; not part of login T59309)
15:21	MP12742-D1	1		
15:27	MP12742-SD1	5		
15:33	MP12742-S1	1		
15:38	MP12742-S2	1		
15:44	ZZZZZZ	1		
15:49	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
15:55	ZZZZZZ	1		
16:01	ZZZZZZ	1		
16:07	ZZZZZZ	1		
16:13	MA5078-CCV4	1		
16:19	MA5078-CCB4	1		
16:25	ZZZZZZ	1		
16:31	MA5078-CCV5	1		
16:36	MA5078-CCB5	1		
16:42	ZZZZZZ	1		
16:47	ZZZZZZ	1		
16:53	ZZZZZZ	1		
16:59	ZZZZZZ	1		
17:05	ZZZZZZ	1		
17:12	T59309-1	1		
17:18	T59309-2	1		
17:24	MA5078-CCV6	1		
17:29	MA5078-CCB6	1		
17:35	ZZZZZZ	1		
17:41	ZZZZZZ	1		
17:47	ZZZZZZ	1		
17:53	ZZZZZZ	1		
17:59	ZZZZZZ	1		
18:05	T59309-1F	1		
18:11	T59309-2F	1		
---------->	Last reportable sample/prep for job T59309			
18:17	MA5078-CCV7	1		
18:22	MA5078-CCB7	1		
---------->	Last reportable CCB for job T59309			
18:28	MP12737-MB1	5		
18:34	MP12737-B1	5		
18:40	T59199-1	5		(sample used for QC only; not part of login T59309)
18:45	MP12737-D1	5		
18:51	MP12737-SD1	25		
18:57	MP12737-S1	5		
19:02	MP12737-S2	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:08	ZZZZZZ	5		
19:14	ZZZZZZ	5		
19:19	MA5078-CCV8	1		
19:25	MA5078-CCB8	1		
19:30	T58905-1	10		(sample used for QC only; not part of login T59309)
19:36	MP12721-D1	10		
19:42	MP12721-SD1	50		
19:47	MP12721-S1	10		
19:53	MP12721-S2	10		
19:58	ZZZZZZ	10		
20:04	ZZZZZZ	5		
20:10	ZZZZZZ	10		
20:16	ZZZZZZ	10		
20:21	ZZZZZZ	10		
20:27	MA5078-CCV9	1		
20:33	MA5078-CCB9	1		
20:38	ZZZZZZ	10		
20:44	MA5078-CCV10	1		
20:49	MA5078-CCB10	1		
20:55	MP12749-MB1	1		
21:01	T58839-1A	5		(sample used for QC only; not part of login T59309)
21:06	MP12749-DUP	5		
21:12	MP12749-SD1	25		
21:18	MA5078-CCV11	1		
21:23	MA5078-CCB11	1		
21:29	MP12747-MB1	1		
21:34	MP12747-BSP	1		
21:40	MP12747-BSD	1		
21:46	T58520-1A	1		(sample used for QC only; not part of login T59309)
21:51	MP12747-SD1	5		
21:57	ZZZZZZ	1		
22:02	ZZZZZZ	1		
22:08	MA5078-CCV12	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:13	MA5078-CCB12	1		
00:00	MA5078-CCV13	1		
00:06	MA5078-CCB13	1		
00:11	MP12738-MB1	5		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:17	MP12738-B1	5		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:23	T59308-2	5		(sample used for QC only; not part of login T59309)
00:28	MP12738-D1	5		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:34	MP12738-SD1	25		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:39	MP12738-S1	5		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:45	MP12738-S2	5		CD Blank Spike failed due to spiking solution. Client ok to report result. minimal negative bias from cadmium.
00:50	MA5078-CCV14	1		
00:56	MA5078-CCB14	1		
01:01	MP12741-MB1	5		
01:07	MP12741-B1	5		
01:13	ZZZZZZ	5		
01:18	MP12741-D1	5		
01:24	MP12741-SD1	25		
01:30	MP12741-S1	5		
01:35	MP12741-S2	5		
01:41	ZZZZZZ	5		
01:46	T59308-1	5		(sample used for QC only; not part of login T59309)
01:52	MA5078-CCV15	1		
01:57	MA5078-CCB15	1		
02:03	MP12745-MB1	1		
02:09	MP12745-B1	1		
02:14	T59312-2	5		(sample used for QC only; not part of login T59309)
02:20	MP12745-D1	5		
02:26	MP12745-SD1	25		
02:32	MP12745-S1	5		
02:37	MP12745-S2	5		
02:43	ZZZZZZ	5		
02:48	ZZZZZZ	5		
02:54	MA5078-CCV16	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
03:00	MA5078-CCB16	1		
03:05	T59312-2	25		(sample used for QC only; not part of login T59309)
03:11	MP12745-D1	25		
03:17	MP12745-SD1	125		
03:22	MP12745-S1	25		
03:28	MP12745-S2	25		
03:34	ZZZZZZ	25		
03:39	ZZZZZZ	1		
03:45	MA5078-CCV17	1		
03:50	MA5078-CCB17	1		
03:56	MP12746-MB1	1		
04:02	MP12746-B1	1		
04:07	T59312-2F	5		(sample used for QC only; not part of login T59309)
04:13	MP12746-D1	5		
04:19	MP12746-SD1	25		
04:25	MP12746-S1	5		
04:30	MP12746-S2	5		
04:36	ZZZZZZ	5		
04:41	ZZZZZZ	5		
04:47	MA5078-CCV18	1		
04:53	MA5078-CCB18	1		
04:58	T59312-2F	25		(sample used for QC only; not part of login T59309)
05:04	MP12746-D1	25		
05:10	MP12746-SD1	125		
05:15	MP12746-S1	25		
05:21	MP12746-S2	25		
05:27	ZZZZZZ	25		
05:32	ZZZZZZ	25		
05:38	MA5078-CCV19	1		
05:44	MA5078-CCB19	1		
05:49	T59312-2	1		(sample used for QC only; not part of login T59309)
05:55	MP12745-D1	1		
06:01	MP12745-SD1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Dilution Factor	PS Recov	Comments
06:06	MP12745-S1	1		
06:12	MP12745-S2	1		
06:18	ZZZZZZ	1		
06:23	ZZZZZZ	1		
06:29	MA5078-CCV20	1		
06:35	MA5078-CCB20	1		
06:40	T59312-2F	1		(sample used for QC only; not part of login T59309)
06:46	MP12746-D1	1		
06:52	MP12746-SD1	5		
06:58	MP12746-S1	1		Magnesium result over calibration range for QC only. Results consistent with dilution will report from straight run.
07:03	MP12746-S2	1		Magnesium result over calibration range for QC only. Results consistent with dilution will report from straight run.
07:09	ZZZZZZ	1		
07:15	ZZZZZZ	1		
07:20	MA5078-CCV21	1		
07:26	MA5078-CCB21	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
12:48	MA5078-STD1	4538 R	82046 R	6467 R	898 R
12:53	MA5078-STD2	4435	81156	6583	787
12:59	MA5078-STD3	4230	77157	6415	714
13:04	MA5078-ICV1	4531	82480	6542	845
13:10	MA5078-ICB1	4554	83482	6591	900
13:15	MA5078-CRI1	4503	80934	6438	875
13:21	MA5078-ICSA1	4071	74330	6385	640
13:27	MA5078-ICSAB1	4027	72265	6153	629
13:32	MA5078-CCV1	4389	79293	6412	776
13:38	MA5078-CCB1	4573	83620	6599	900
13:43	T59295-1	3245	59557	5849	551
13:49	MP12740-D1	3747	67181	6378	621
13:55	MP12740-SD1	4333	77423	6890	755
14:00	MP12740-S1	3727	66749	6383	588
14:06	MP12740-S2	3807	68018	6458	605
14:12	ZZZZZZ	3786	68019	6561	623
14:17	ZZZZZZ	3405	60268	6163	545
14:23	ZZZZZZ	3384	60227	6094	542
14:29	ZZZZZZ	4901	90820	7332	957
14:35	ZZZZZZ	3605	63987	6344	584
14:41	MA5078-CCV2	4619	83348	6945	811
14:46	MA5078-CCB2	4865	88336	7029	954
14:52	ZZZZZZ	3491	62753	6356	563
14:58	ZZZZZZ	3401	60517	6109	545
15:04	MA5078-CCV3	4583	83829	6927	807
15:10	MA5078-CCB3	4853	87576	7003	947
15:15	T59295-1F	3813	68861	6670	627
15:21	MP12742-D1	3783	66371	6435	620
15:27	MP12742-SD1	4283	75692	6761	744
15:33	MP12742-S1	3725	66196	6337	584
15:38	MP12742-S2	3790	67039	6432	595
15:44	ZZZZZZ	3849	68896	6629	634
15:49	ZZZZZZ	3395	60688	6137	543

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
15:55	ZZZZZZ	3340	59608	6028	532 !
16:01	ZZZZZZ	3564	63098	6126	577
16:07	ZZZZZZ	3516	61954	6116	564
16:13	MA5078-CCV4	4710	86913	7211	834
16:19	MA5078-CCB4	4834	88817	7095	946
16:25	ZZZZZZ	3406	60141	5976	545
16:31	MA5078-CCV5	4619	83518	6888	809
16:36	MA5078-CCB5	4833	86709	6908	943
16:42	ZZZZZZ	4032	71705	6677	676
16:47	ZZZZZZ	3431	61146	6130	548
16:53	ZZZZZZ	3358	59653	5995	535 !
16:59	ZZZZZZ	3303	58184	5910	525 !
17:05	ZZZZZZ	3381	59887	6068	539
17:12	T59309-1	3393	60632	6213	541
17:18	T59309-2	3377	59864	6032	533 !
17:24	MA5078-CCV6	4645	84289	6913	811
17:29	MA5078-CCB6	4918	89944	7162	958
17:35	ZZZZZZ	4040	71592	6588	674
17:41	ZZZZZZ	3480	63349	6343	558
17:47	ZZZZZZ	3418	61234	6152	548
17:53	ZZZZZZ	3419	61516	6215	549
17:59	ZZZZZZ	3387	60199	6109	539
18:05	T59309-1F	3435	61246	6113	550
18:11	T59309-2F	3398	61380	6300	544
18:17	MA5078-CCV7	4634	84698	7030	817
18:22	MA5078-CCB7	4907	90418	7219	961
18:28	MP12737-MB1	4593	83533	7070	828
18:34	MP12737-B1	4600	83202	6947	818
18:40	T59199-1	4603	84830	7211	828
18:45	MP12737-D1	4564	83739	7003	821
18:51	MP12737-SD1	4757	86118	6998	893
18:57	MP12737-S1	4628	86097	7222	833
19:02	MP12737-S2	4592	82984	6998	821

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
19:08	ZZZZZZ	4668	84887	7234	843
19:14	ZZZZZZ	4596	83456	7113	830
19:19	MA5078-CCV8	4725	87800	7229	838
19:25	MA5078-CCB8	4832	89164	7160	951
19:30	T58905-1	4807	87898	7258	915
19:36	MP12721-D1	4768	87775	7152	906
19:42	MP12721-SD1	4893	91256	7323	956
19:47	MP12721-S1	4762	88020	7131	888
19:53	MP12721-S2	4822	89552	7300	901
19:58	ZZZZZZ	4601	83165	7163	805
20:04	ZZZZZZ	4450	81532	7091	785
20:10	ZZZZZZ	4578	83185	7071	819
20:16	ZZZZZZ	4642	85383	7254	817
20:21	ZZZZZZ	4742	86403	7077	872
20:27	MA5078-CCV9	4765	88257	7265	844
20:33	MA5078-CCB9	4916	90888	7214	970
20:38	ZZZZZZ	4775	88406	7260	888
20:44	MA5078-CCV10	4720	86283	7102	830
20:49	MA5078-CCB10	4935	92433	7380	979
20:55	MP12749-MB1	5091	92752	7283	1017
21:01	T58839-1A	4699	88350	7358	870
21:06	MP12749-DUP	4665	85965	7121	860
21:12	MP12749-SD1	4848	90814	7332	936
21:18	MA5078-CCV11	4646	86021	7007	823
21:23	MA5078-CCB11	4877	91445	7338	971
21:29	MP12747-MB1	4871	90235	7151	962
21:34	MP12747-BSP	4480	81730	7215	761
21:40	MP12747-BSD	4537	83340	7360	772
21:46	T58520-1A	4864	92782	7622	904
21:51	MP12747-SD1	4942	91944	7393	956
21:57	ZZZZZZ	4787	90130	7402	919
22:02	ZZZZZZ	4865	89989	7317	910
22:08	MA5078-CCV12	4688	88942	7315	835

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:13	MA5078-CCB12	4872	91183	7249	971
00:00	MA5078-CCV13	4707	87835	7165	837
00:06	MA5078-CCB13	4925	91913	7255	980
00:11	MP12738-MB1	4901	92380	7323	974
00:17	MP12738-B1	4977	92743	7396	978
00:23	T59308-2	4453	86250	7356	852
00:28	MP12738-D1	4819	89131	7224	917
00:34	MP12738-SD1	4891	92038	7394	966
00:39	MP12738-S1	4879	90001	7310	915
00:45	MP12738-S2	4791	89325	7306	897
00:50	MA5078-CCV14	4769	88161	7184	847
00:56	MA5078-CCB14	4955	92657	7382	982
01:01	MP12741-MB1	4974	92214	7241	988
01:07	MP12741-B1	4958	93167	7387	971
01:13	ZZZZZZ	4947	89541	7206	958
01:18	MP12741-D1	4896	90874	7373	952
01:24	MP12741-SD1	4976	91869	7290	981
01:30	MP12741-S1	4932	91332	7422	941
01:35	MP12741-S2	4909	90409	7288	933
01:41	ZZZZZZ	4475	82489	7170	784
01:46	T59308-1	4896	89576	7292	927
01:52	MA5078-CCV15	4728	87548	7268	835
01:57	MA5078-CCB15	4956	91617	7250	978
02:03	MP12745-MB1	4947	91949	7289	974
02:09	MP12745-B1	4769	87757	7255	844
02:14	T59312-2	4414	80736	7099	773
02:20	MP12745-D1	4440	81198	7037	786
02:26	MP12745-SD1	4708	86228	7117	869
02:32	MP12745-S1	4475	81895	7046	781
02:37	MP12745-S2	4418	80510	6976	767
02:43	ZZZZZZ	4780	87761	7201	888
02:48	ZZZZZZ	4872	89761	7251	939
02:54	MA5078-CCV16	4778	88951	7204	848

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
03:00	MA5078-CCB16	4947	91479	7227	974
03:05	T59312-2	4761	87209	7203	877
03:11	MP12745-D1	4725	85916	7080	870
03:17	MP12745-SD1	4914	91005	7359	950
03:22	MP12745-S1	4716	86290	7100	862
03:28	MP12745-S2	4777	88689	7279	882
03:34	ZZZZZZ	4942	90055	7134	952
03:39	ZZZZZZ	5015	92791	7357	991
03:45	MA5078-CCV17	4763	88047	7212	841
03:50	MA5078-CCB17	4985	92987	7362	989
03:56	MP12746-MB1	4978	90995	7251	973
04:02	MP12746-B1	4785	88867	7369	846
04:07	T59312-2F	4415	79809	6951	772
04:13	MP12746-D1	4452	81498	7110	787
04:19	MP12746-SD1	4732	86374	7126	871
04:25	MP12746-S1	4451	82320	7173	777
04:30	MP12746-S2	4429	80105	6955	766
04:36	ZZZZZZ	4761	89254	7393	893
04:41	ZZZZZZ	4901	90325	7294	948
04:47	MA5078-CCV18	4751	89097	7400	847
04:53	MA5078-CCB18	4949	91268	7278	981
04:58	T59312-2F	4735	88426	7409	878
05:04	MP12746-D1	4719	87358	7239	875
05:10	MP12746-SD1	4906	90771	7382	945
05:15	MP12746-S1	4764	88122	7242	873
05:21	MP12746-S2	4724	88053	7275	868
05:27	ZZZZZZ	4906	91439	7381	954
05:32	ZZZZZZ	4940	91296	7376	972
05:38	MA5078-CCV19	4745	89201	7404	843
05:44	MA5078-CCB19	4965	92473	7397	984
05:49	T59312-2	3607	65009	6383	653
05:55	MP12745-D1	3891	70839	6726	645
06:01	MP12745-SD1	4501	82275	7122	792

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5078
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mn,K,Se,Ag,Tl,V

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
06:06	MP12745-S1	3900	70726	6712	623
06:12	MP12745-S2	3939	71944	6710	638
06:18	ZZZZZZ	4469	81893	7075	787
06:23	ZZZZZZ	4822	89407	7277	899
06:29	MA5078-CCV20	4767	88402	7245	846
06:35	MA5078-CCB20	4983	93046	7319	989
06:40	T59312-2F	3858	69361	6646	641
06:46	MP12746-D1	3833	69819	6664	646
06:52	MP12746-SD1	4362	80062	6939	769
06:58	MP12746-S1	3785	67718	6308	602
07:03	MP12746-S2	3829	69683	6555	613
07:09	ZZZZZZ	4361	79598	6788	769
07:15	ZZZZZZ	4723	87518	7134	882
07:20	MA5078-CCV21	4675	85690	6897	827
07:26	MA5078-CCB21	4892	90364	7061	965

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3710)	60-125 %
Istd#3	Yttrium (3710-2)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5078 Units: ug/l

Time:			13:10		13:38		14:46		15:10	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3	0.88	<200	1.0	<200	4.7	<200	-5.5	<200
Antimony	5.0	1	-0.39	<5.0	1.1	<5.0	0.33	<5.0	0.95	<5.0
Arsenic	5.0	1.7	2.3	<5.0	2.8	<5.0	2.1	<5.0	1.7	<5.0
Barium	200	.97	0.010	<200	-0.25	<200	0.12	<200	0.14	<200
Beryllium	5.0	.056	0.17	<5.0	0.030	<5.0	0.010	<5.0	0.0	<5.0
Boron	100	1.4								
Cadmium	4.0	.11	0.19	<4.0	-0.060	<4.0	-0.11	<4.0	-0.050	<4.0
Calcium	5000	7.4	0.72	<5000	4.2	<5000	1.3	<5000	-2.7	<5000
Chromium	10	.23	0.11	<10	0.19	<10	-0.20	<10	-0.050	<10
Cobalt	50	.15	0.12	<50	-0.040	<50	-0.080	<50	-0.17	<50
Copper	25	1.1	0.54	<25	0.36	<25	0.24	<25	-0.10	<25
Iron	100	1.1	1.0	<100	5.0	<100	0.60	<100	-0.60	<100
Lead	3.0	1	0.96	<3.0	0.48	<3.0	0.040	<3.0	0.99	<3.0
Lithium	300	2								
Magnesium	5000	7.7								
Manganese	15	.054	0.19	<15	-0.010	<15	0.020	<15	-0.040	<15
Molybdenum	10	.39								
Nickel	40	.69	anr							
Potassium	5000	39	19.2	<5000	10.5	<5000	154	<5000	189	<5000
Selenium	5.0	1.5	1.3	<5.0	0.87	<5.0	0.27	<5.0	0.080	<5.0
Silver	10	1.2	0.38	<10	0.17	<10	0.17	<10	-0.43	<10
Sodium	5000	9.2								
Strontium	10	.061								
Thallium	10	.67	1.6	<10	0.88	<10	0.50	<10	0.66	<10
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3	-0.16	<50	-0.31	<50	-0.14	<50	0.070	<50
Zinc	20	.51	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5078 Units: ug/l

Time: / Sample ID:			16:19 CCB4		16:36 CCB5		17:29 CCB6		18:22 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3	9.6	<200	8.8	<200	3.9	<200	7.8	<200
Antimony	5.0	1	0.66	<5.0	-0.030	<5.0	0.030	<5.0	-0.24	<5.0
Arsenic	5.0	1.7	1.3	<5.0	1.5	<5.0	1.6	<5.0	2.2	<5.0
Barium	200	.97	-0.030	<200	0.11	<200	0.0	<200	-0.18	<200
Beryllium	5.0	.056	0.020	<5.0	0.030	<5.0	0.010	<5.0	0.030	<5.0
Boron	100	1.4								
Cadmium	4.0	.11	0.070	<4.0	-0.010	<4.0	-0.060	<4.0	-0.020	<4.0
Calcium	5000	7.4	1.2	<5000	4.5	<5000	2.9	<5000	5.3	<5000
Chromium	10	.23	-0.14	<10	-0.24	<10	-0.32	<10	-0.11	<10
Cobalt	50	.15	-0.22	<50	-0.050	<50	-0.090	<50	-0.27	<50
Copper	25	1.1	0.36	<25	-0.17	<25	0.030	<25	-0.040	<25
Iron	100	1.1	-0.33	<100	1.2	<100	1.6	<100	0.75	<100
Lead	3.0	1	0.48	<3.0	0.55	<3.0	0.0	<3.0	0.0	<3.0
Lithium	300	2								
Magnesium	5000	7.7								
Manganese	15	.054	-0.030	<15	0.060	<15	0.0	<15	0.0	<15
Molybdenum	10	.39								
Nickel	40	.69	anr							
Potassium	5000	39	297	<5000	228	<5000	364	<5000	361	<5000
Selenium	5.0	1.5	1.1	<5.0	-0.34	<5.0	-0.090	<5.0	0.57	<5.0
Silver	10	1.2	0.17	<10	0.18	<10	0.13	<10	0.61	<10
Sodium	5000	9.2								
Strontium	10	.061								
Thallium	10	.67	1.3	<10	0.70	<10	0.37	<10	0.70	<10
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3	-0.18	<50	0.36	<50	-0.010	<50	-0.070	<50
Zinc	20	.51	anr							

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5078 Units: ug/l

Time:		13:04			13:32			14:41	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	5000	5250	105.0	40000	40600	101.5	40000	40900	102.3
Antimony	3000	2970	99.0	2000	1970	98.5	2000	1990	99.5
Arsenic	3000	2960	98.7	2000	1980	99.0	2000	1990	99.5
Barium	3000	3050	101.7	2000	2010	100.5	2000	2040	102.0
Beryllium	3000	2970	99.0	2000	2020	101.0	2000	1980	99.0
Boron									
Cadmium	3000	2990	99.7	2000	1990	99.5	2000	1990	99.5
Calcium	5000	5180	103.6	40000	40400	101.0	40000	40100	100.3
Chromium	3000	3050	101.7	2000	2010	100.5	2000	1970	98.5
Cobalt	3000	3130	104.3	2000	2010	100.5	2000	1980	99.0
Copper	3000	3100	103.3	2000	2000	100.0	2000	2010	100.5
Iron	5000	5200	104.0	40000	40600	101.5	40000	40600	101.5
Lead	3000	2910	97.0	2000	1970	98.5	2000	1930	96.5
Lithium									
Magnesium									
Manganese	3000	3080	102.7	2000	2020	101.0	2000	2000	100.0
Molybdenum									
Nickel	anr								
Potassium	5000	4970	99.4	40000	40400	101.0	40000	40800	102.0
Selenium	3000	2970	99.0	2000	2000	100.0	2000	2010	100.5
Silver	500	511	102.2	250	251	100.4	250	255	102.0
Sodium									
Strontium									
Thallium	3000	2980	99.3	2000	1990	99.5	2000	1980	99.0
Tin									
Titanium									
Vanadium	3000	2970	99.0	2000	1990	99.5	2000	1960	98.0
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5078 Units: ug/l

Time:		15:04			16:13			16:31	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	41000	102.5	40000	39100	97.8	40000	41400	103.5
Antimony	2000	1990	99.5	2000	1980	99.0	2000	1960	98.0
Arsenic	2000	2000	100.0	2000	1990	99.5	2000	1970	98.5
Barium	2000	2060	103.0	2000	2020	101.0	2000	2070	103.5
Beryllium	2000	1980	99.0	2000	1970	98.5	2000	1980	99.0
Boron									
Cadmium	2000	2000	100.0	2000	1980	99.0	2000	1970	98.5
Calcium	40000	40000	100.0	40000	39100	97.8	40000	39900	99.8
Chromium	2000	1960	98.0	2000	1970	98.5	2000	1960	98.0
Cobalt	2000	1980	99.0	2000	1970	98.5	2000	1940	97.0
Copper	2000	2000	100.0	2000	1950	97.5	2000	2010	100.5
Iron	40000	40500	101.3	40000	39000	97.5	40000	40500	101.3
Lead	2000	1920	96.0	2000	1920	96.0	2000	1890	94.5
Lithium									
Magnesium									
Manganese	2000	1980	99.0	2000	1950	97.5	2000	1970	98.5
Molybdenum									
Nickel	anr								
Potassium	40000	41000	102.5	40000	39500	98.8	40000	41600	104.0
Selenium	2000	2020	101.0	2000	2010	100.5	2000	2000	100.0
Silver	250	254	101.6	250	243	97.2	250	256	102.4
Sodium									
Strontium									
Thallium	2000	1980	99.0	2000	1970	98.5	2000	1960	98.0
Tin									
Titanium									
Vanadium	2000	1950	97.5	2000	1940	97.0	2000	1950	97.5
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5078 Units: ug/l

Time:		17:24			18:17	
Sample ID:	CCV	CCV6		CCV	CCV7	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40700	101.8	40000	40300	100.8
Antimony	2000	1960	98.0	2000	2000	100.0
Arsenic	2000	1970	98.5	2000	1980	99.0
Barium	2000	2080	104.0	2000	2050	102.5
Beryllium	2000	1940	97.0	2000	1950	97.5
Boron						
Cadmium	2000	1970	98.5	2000	1990	99.5
Calcium	40000	39200	98.0	40000	39200	98.0
Chromium	2000	1930	96.5	2000	1950	97.5
Cobalt	2000	1930	96.5	2000	1970	98.5
Copper	2000	1970	98.5	2000	1990	99.5
Iron	40000	39400	98.5	40000	39400	98.5
Lead	2000	1880	94.0	2000	1910	95.5
Lithium						
Magnesium	anr					
Manganese	2000	1930	96.5	2000	1960	98.0
Molybdenum						
Nickel	anr					
Potassium	40000	41000	102.5	40000	40900	102.3
Selenium	2000	2010	100.5	2000	2010	100.5
Silver	250	253	101.2	250	252	100.8
Sodium	anr					
Strontium						
Thallium	2000	1970	98.5	2000	1970	98.5
Tin						
Titanium						
Vanadium	2000	1920	96.0	2000	1940	97.0
Zinc	anr					

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA5078 Units: ug/l

Time:			13:15	
Sample ID:	CRI	CRIA	CRI1	
Metal	True	True	Results	% Rec
Aluminum	200	400	209	104.5
Antimony	5.0	10	5.8	116.0
Arsenic	5.0	10	6.8	136.0
Barium	200	400	211	105.5
Beryllium	10	10	5.0	50.0
Boron	100	200		
Cadmium	4.0	4.0	3.9	97.5
Calcium	5000	10000	5130	102.6
Chromium	10	10	10.4	104.0
Cobalt	50	10	51.4	102.8
Copper	25	50	25.9	103.6
Iron	100	200	107	107.0
Lead	3.0	6.0	3.2	106.7
Lithium	300	600		
Magnesium	5000	10000		
Manganese	15	30	15.9	106.0
Molybdenum	10	20		
Nickel	40	20	anr	
Potassium	5000	10000	4950	99.0
Selenium	5.0	10	6.4	128.0
Silver	10	4.0	10.8	108.0
Sodium	5000	10000		
Strontium	20	20		
Thallium	10	4.0	10.6	106.0
Tin	20	20		
Titanium	20	20		
Vanadium	50	100	50.0	100.0
Zinc	20	10	anr	

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090710.ICP Date Analyzed: 09/07/10 Methods: SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA5078 Units: ug/l

Time:			13:21		13:27	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	496000	99.2	529000	105.8
Antimony		1000	2.2		1030	103.0
Arsenic		1000	-0.76		1010	101.0
Barium		500	-2.8		545	109.0
Beryllium		500	0.0		534	106.8
Boron			-7.2		12.8	
Cadmium		1000	-2.4		1050	105.0
Calcium	400000	400000	384000	96.0	393000	98.3
Chromium		500	5.3		513	102.6
Cobalt		500	-9.6		463	92.6
Copper		500	-20		517	103.4
Iron	200000	200000	195000	97.5	202000	101.0
Lead		1000	3.4		1060	106.0
Lithium			4.7		4.4	
Magnesium	500000	500000	509000	101.8	522000	104.4
Manganese		500	-7.8		508	101.6
Molybdenum		500	-0.37		487	97.4
Nickel		1000	-4.3		1000	100.0
Potassium			3.5		-2.5	
Selenium		1000	-0.20		1010	101.0
Silver		1000	-0.11		1080	108.0
Sodium			19.1		57.5	
Strontium			4.3		4.7	
Thallium		1000	-1.5		1050	105.0
Tin			-0.86		-0.95	
Titanium			4.0		4.6	
Vanadium		500	-8.6		499	99.8
Zinc		1000	-23		1020	102.0

(*) Outside of QC limits
(anr) Analyte not requested

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:24	MA5079-STD1	1		STDA
14:29	MA5079-STD2	1		STDB
14:35	MA5079-STD3	1		STDC
14:40	MA5079-ICV1	1		
14:46	MA5079-ICB1	1		
14:51	MA5079-CRI1	1		
14:57	MA5079-ICSA1	1		
15:03	MA5079-ICSAB1	1		
15:09	MA5079-CCV1	1		
15:14	MA5079-CCB1	1		
15:20	T59309-2F	50		
15:26	MA5079-CCV2	1		
15:31	MA5079-CCB2	1		
16:11	MA5079-CRI2	1		
16:16	MA5079-CCV3	1		
16:22	MA5079-CCB3	1		
16:28	MP12743-MB1	1		
16:33	MP12743-LC1	1		
16:39	T59295-5	1		(sample used for QC only; not part of login T59309)
16:45	MP12743-D1	1		
16:50	MP12743-SD1	5		
16:56	MP12743-S1	1		
17:01	MP12743-S2	1		
17:07	ZZZZZZ	1		
17:12	ZZZZZZ	1		
17:18	ZZZZZZ	1		
17:23	MA5079-CCV4	1		
17:29	MA5079-CCB4	1		
17:34	ZZZZZZ	1		
17:40	ZZZZZZ	1		
17:46	ZZZZZZ	1		
17:51	ZZZZZZ	1		
17:57	T59309-3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	18:03	T59309-4	1		
---------->	Last reportable sample/prep for job T59309				
	18:08	MA5079-CCV5	1		
	18:14	MA5079-CCB5	1		
---------->	Last reportable CCB for job T59309				
	18:54	MA5079-CCV6	1		
	19:00	MA5079-CCB6	1		
	19:05	MP12744-MB1	5		
	19:11	MP12744-B1	5		
	19:16	T59310-1	5		(sample used for QC only; not part of login T59309)
	19:22	MP12744-D1	5		
	19:28	MP12744-SD1	25		
	19:33	MP12744-S1	5		
	19:39	MP12744-S2	5		
	19:44	MA5079-CCV7	1		
	19:50	MA5079-CCB7	1		
	19:55	MP12750-MB1	1		
	20:01	MP12750-LC1	1		
	20:07	T59312-1	1		(sample used for QC only; not part of login T59309)
	20:12	MP12750-D1	1		
	20:18	MP12750-SD1	5		
	20:23	MP12750-S1	1		
	20:29	MP12750-S2	1		
	20:34	ZZZZZZ	1		
	20:41	ZZZZZZ	1		
	20:46	ZZZZZZ	1		
	20:52	MA5079-CCV8	1		
	20:57	MA5079-CCB8	1		
	21:03	MP12752-MB1	5		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.
	21:09	MP12752-B1	5		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.
	21:15	T59310-2	5		(sample used for QC only; not part of login T59309)
	21:20	MP12752-D1	5		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.
	21:26	MP12752-SD1	25		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.
	21:32	MP12752-S1	5		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.
	21:37	MP12752-S2	5		CD Blank Spike failed due to spiking solution. Sample result are less than RL client ok report with qualifier.

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
21:43	MA5079-CCV9	1		
21:48	MA5079-CCB9	1		
21:54	MP12751-MB	1		
22:00	MP12751-B1	1		
22:05	T58839-1B	1		(sample used for QC only; not part of login T59309)
22:11	MP12751-D1	1		
22:16	MP12751-SD1	5		
22:22	MP12751-S1	1		
22:27	MP12751-S2	1		
22:33	MA5079-CCV10	1		
22:38	MA5079-CCB10	1		
22:44	MP12753-MB1	1		
22:50	MP12753-B1	1		
22:55	T59105-10F	1		(sample used for QC only; not part of login T59309)
23:01	MP12753-D1	1		
23:06	MP12753-SD1	5		
23:12	MP12753-S1	1		
23:17	MP12753-S2	1		
23:23	ZZZZZZ	1		
23:28	ZZZZZZ	1		
23:34	ZZZZZZ	1		
23:40	MA5079-CCV11	1		
23:45	MA5079-CCB11	1		
23:51	ZZZZZZ	1		
23:57	ZZZZZZ	1		
00:02	ZZZZZZ	1		
00:08	MA5079-CCV12	1		
00:14	MA5079-CCB12	1		
00:19	MP12754-MB1	1		
00:25	MP12754-B1	1		
00:30	T59285-1	1		(sample used for QC only; not part of login T59309)
00:36	MP12754-D1	1		
00:42	MP12754-SD1	5		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Dilution Factor	PS Recov	Comments
00:47	MP12754-S1	1		
00:53	MP12754-S2	1		
00:59	ZZZZZZ	1		
01:04	ZZZZZZ	1		
01:10	ZZZZZZ	1		
01:16	MA5079-CCV13	1		
01:21	MA5079-CCB13	1		
01:27	ZZZZZZ	1		
01:33	ZZZZZZ	1		
01:39	ZZZZZZ	1		
01:44	ZZZZZZ	1		
01:50	ZZZZZZ	1		
01:56	MA5079-CCV14	1		
02:01	MA5079-CCB14	1		

Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
14:24	MA5079-STD1	4090 R	83460 R	7048 R	822 R
14:29	MA5079-STD2	3968	80346	7111	712
14:35	MA5079-STD3	3859	78126	7004	662
14:40	MA5079-ICV1	4015	82989	7217	765
14:46	MA5079-ICB1	4081	84076	7183	815
14:51	MA5079-CRI1	4049	83255	7204	798
14:57	MA5079-ICSA1	3625	73472	6984	570
15:03	MA5079-ICSAB1	3624	73605	7116	572
15:09	MA5079-CCV1	3910	80531	7285	701
15:14	MA5079-CCB1	4044	83980	7238	810
15:20	T59309-2F	3857	78335	7143	722
15:26	MA5079-CCV2	3901	79474	7210	705
15:31	MA5079-CCB2	4044	83382	7203	811
16:11	MA5079-CRI2	4041	82491	7209	796
16:16	MA5079-CCV3	3933	79505	7145	704
16:22	MA5079-CCB3	4071	83699	7170	813
16:28	MP12743-MB1	4115	84144	7250	820
16:33	MP12743-LC1	4465	89268	8180	625
16:39	T59295-5	4347	87258	7898	671
16:45	MP12743-D1	4393	88539	7952	692
16:50	MP12743-SD1	4126	83281	7314	764
16:56	MP12743-S1	4204	84417	7860	626
17:01	MP12743-S2	4259	85119	7816	641
17:07	ZZZZZZ	4321	86547	7778	683
17:12	ZZZZZZ	4455	88119	8053	629
17:18	ZZZZZZ	4320	86108	7806	667
17:23	MA5079-CCV4	3940	79442	7081	708
17:29	MA5079-CCB4	4101	83652	7170	816
17:34	ZZZZZZ	4337	86228	7881	650
17:40	ZZZZZZ	4306	86428	7941	640
17:46	ZZZZZZ	4338	86760	8031	638
17:51	ZZZZZZ	4421	87413	8162	603
17:57	T59309-3	4415	88952	8041	663

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
18:03	T59309-4	4380	87643	8019	651
18:08	MA5079-CCV5	3942	79362	7107	708
18:14	MA5079-CCB5	4090	83000	7128	815
18:54	MA5079-CCV6	3879	79236	7046	701
19:00	MA5079-CCB6	4050	83178	7096	805
19:05	MP12744-MB1	4056	83046	7099	812
19:11	MP12744-B1	4094	83809	7145	806
19:16	T59310-1	3975	80355	7123	763
19:22	MP12744-D1	3968	80450	7101	762
19:28	MP12744-SD1	4044	82139	7130	803
19:33	MP12744-S1	3978	80736	7099	753
19:39	MP12744-S2	3984	80513	7079	754
19:44	MA5079-CCV7	3886	79611	7043	698
19:50	MA5079-CCB7	4021	82781	7179	803
19:55	MP12750-MB1	3970	82172	7135	797
20:01	MP12750-LC1	4337	87972	8064	615
20:07	T59312-1	4056	83393	7696	648
20:12	MP12750-D1	4106	82641	7627	655
20:18	MP12750-SD1	4031	83143	7296	748
20:23	MP12750-S1	3946	80810	7506	622
20:29	MP12750-S2	3949	80386	7525	608
20:34	ZZZZZZ	4484	90407	8624	552
20:41	ZZZZZZ	4247	85875	7808	652
20:46	ZZZZZZ	4351	85463	7706	694
20:52	MA5079-CCV8	3961	79508	7112	710
20:57	MA5079-CCB8	4113	83729	7135	818
21:03	MP12752-MB1	3875	77251	7063	711
21:09	MP12752-B1	3906	77385	7040	706
21:15	T59310-2	3956	77194	7021	715
21:20	MP12752-D1	4106	81045	7065	782
21:26	MP12752-SD1	4043	76701	6970	737
21:32	MP12752-S1	4027	77369	6964	731
21:37	MP12752-S2	4076	79043	7092	736

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
21:43	MA5079-CCV9	4068	79744	7025	731
21:48	MA5079-CCB9	4246	84285	7203	849
21:54	MP12751-MB	4086	82491	6978	833
22:00	MP12751-B1	3912	78565	6968	730
22:05	T58839-1B	4125	83348	7095	826
22:11	MP12751-D1	4077	83176	7091	819
22:16	MP12751-SD1	4250	85268	7252	849
22:22	MP12751-S1	3907	79163	7005	719
22:27	MP12751-S2	3912	77914	6930	727
22:33	MA5079-CCV10	4113	82184	7331	739
22:38	MA5079-CCB10	4208	83827	7176	850
22:44	MP12753-MB1	4242	84296	7313	849
22:50	MP12753-B1	4007	79392	7178	726
22:55	T59105-10F	3995	78397	7140	745
23:01	MP12753-D1	3960	78392	7099	739
23:06	MP12753-SD1	4193	82342	7170	817
23:12	MP12753-S1	3911	76508	6948	686
23:17	MP12753-S2	3957	77515	7066	696
23:23	ZZZZZZ	3994	79555	7105	761
23:28	ZZZZZZ	4071	79679	7060	779
23:34	ZZZZZZ	4014	80202	7098	766
23:40	MA5079-CCV11	4041	74987	6842	726
23:45	MA5079-CCB11	4192	83892	7099	840
23:51	ZZZZZZ	3960	76138	7056	726
23:57	ZZZZZZ	3972	77048	6988	737
00:02	ZZZZZZ	4044	79723	7152	765
00:08	MA5079-CCV12	4068	80835	7143	730
00:14	MA5079-CCB12	4221	83687	7185	850
00:19	MP12754-MB1	4212	83851	7180	843
00:25	MP12754-B1	4055	78852	7099	734
00:30	T59285-1	3934	77313	7037	744
00:36	MP12754-D1	3917	77764	7111	735
00:42	MP12754-SD1	4168	81009	7074	820

INTERNAL STANDARD SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
Analyst: TW Run ID: MA5079
Parameters: Al,Sb,As,Ba,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Ni,K,Se,Ag,Na,V,Zn

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
00:47	MP12754-S1	3845	76223	6984	676
00:53	MP12754-S2	3866	76293	7002	683
00:59	ZZZZZZ	4208	83402	7144	848
01:04	ZZZZZZ	4170	83165	7169	837
01:10	ZZZZZZ	1999 !	38606 !	4961	275 !
01:16	MA5079-CCV13	4025	79222	6928	729
01:21	MA5079-CCB13	4175	82388	6974	839
01:27	ZZZZZZ	3843	76274	6886	714
01:33	ZZZZZZ	3939	78065	6917	758
01:39	ZZZZZZ	3765	73763	6758	690
01:44	ZZZZZZ	3964	79366	6967	756
01:50	ZZZZZZ	4174	82987	6988	845
01:56	MA5079-CCV14	4012	78970	6913	729
02:01	MA5079-CCB14	4174	82877	7059	839

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	60-125 %
Istd#2	Yttrium (3710)	60-125 %
Istd#3	Yttrium (3710-2)	60-125 %
Istd#4	Indium	60-125 %

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5079 Units: ug/l

Time:			14:46		15:14		15:31		16:22	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	8.3	0.35	<200	1.3	<200	0.51	<200	9.0	<200
Antimony	5.0	1	1.4	<10	0.12	<10	-0.42	<10	0.45	<5.0
Arsenic	5.0	1.7	0.57	<10	-0.45	<10	0.95	<10	2.0	<5.0
Barium	200	.97	0.26	<200	0.17	<200	0.26	<200	0.25	<200
Beryllium	5.0	.056	0.060	<5.0	0.040	<5.0	0.030	<5.0	0.050	<5.0
Boron	100	1.4								
Cadmium	4.0	.11	0.090	<5.0	0.22	<5.0	-0.030	<5.0	0.11	<4.0
Calcium	5000	7.4	-1.7	<5000	3.4	<5000	0.61	<5000	1.6	<5000
Chromium	10	.23	0.070	<10	0.32	<10	0.030	<10	0.16	<10
Cobalt	50	.15	0.040	<50	-0.090	<50	-0.090	<50	-0.15	<50
Copper	25	1.1	-0.11	<25	-0.13	<25	-0.020	<25	-0.23	<25
Iron	100	1.1	0.25	<100	3.6	<100	3.0	<100	4.2	<100
Lead	3.0	1	0.56	<10	-0.080	<10	0.81	<10	-0.10	<3.0
Lithium	300	2								
Magnesium	5000	7.7	-7.6	<5000	4.6	<5000	-5.2	<5000	-5.0	<5000
Manganese	15	.054	0.040	<15	0.050	<15	0.050	<15	0.050	<15
Molybdenum	10	.39								
Nickel	40	.69	0.070	<40	-0.020	<40	0.040	<40	0.18	<40
Potassium	5000	39	26.8	<5000	12.4	<5000	41.1	<5000	48.5	<5000
Selenium	5.0	1.5	1.3	<10	0.76	<10	2.0	<10	1.0	<5.0
Silver	10	1.2	-0.51	<10	-0.25	<10	-0.37	<10	-0.19	<10
Sodium	5000	9.2	5.6	<5000	-2.3	<5000	-4.8	<5000	-7.4	<5000
Strontium	10	.061								
Thallium	10	.67	anr							
Tin	20	.69								
Titanium	20	.29								
Vanadium	50	.3	-0.020	<50	-0.10	<50	-0.15	<50	0.19	<50
Zinc	20	.51	2.6	<20	1.3	<20	0.080	<20	-0.080	<20

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA5079 Units: ug/l

Time:			17:29		18:14	
Sample ID:			CCB4		CCB5	
Metal	RL	IDL	raw	final	raw	final
Aluminum	200	8.3	-0.35	<200	6.2	<200
Antimony	5.0	1	0.74	<5.0	0.91	<5.0
Arsenic	5.0	1.7	0.94	<5.0	1.7	<5.0
Barium	200	.97	0.31	<200	0.16	<200
Beryllium	5.0	.056	0.050	<5.0	0.060	<5.0
Boron	100	1.4				
Cadmium	4.0	.11	0.10	<4.0	0.080	<4.0
Calcium	5000	7.4	7.2	<5000	7.6	<5000
Chromium	10	.23	0.15	<10	0.12	<10
Cobalt	50	.15	-0.17	<50	-0.050	<50
Copper	25	1.1	-0.71	<25	-0.94	<25
Iron	100	1.1	5.0	<100	8.3	<100
Lead	3.0	1	0.17	<3.0	0.21	<3.0
Lithium	300	2				
Magnesium	5000	7.7	-0.010	<5000	0.92	<5000
Manganese	15	.054	0.12	<15	0.16	<15
Molybdenum	10	.39	anr			
Nickel	40	.69	0.12	<40	0.010	<40
Potassium	5000	39	51.8	<5000	46.3	<5000
Selenium	5.0	1.5	0.51	<5.0	1.7	<5.0
Silver	10	1.2	-0.22	<10	-0.43	<10
Sodium	5000	9.2	10.4	<5000	22.1	<5000
Strontium	10	.061				
Thallium	10	.67	anr			
Tin	20	.69				
Titanium	20	.29				
Vanadium	50	.3	-0.12	<50	0.40	<50
Zinc	20	.51	-0.030	<20	0.17	<20

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5079 Units: ug/l

Time: / Sample ID: / Metal	ICV True	14:40 ICV1 Results	% Rec	CCV True	15:09 CCV1 Results	% Rec	CCV True	15:26 CCV2 Results	% Rec
Aluminum	5000	5150	103.0	40000	40200	100.5	40000	40300	100.8
Antimony	3000	3010	100.3	2000	1990	99.5	2000	1990	99.5
Arsenic	3000	2960	98.7	2000	1970	98.5	2000	1960	98.0
Barium	3000	3010	100.3	2000	2020	101.0	2000	2020	101.0
Beryllium	3000	2910	97.0	2000	1960	98.0	2000	1990	99.5
Boron									
Cadmium	3000	2990	99.7	2000	1990	99.5	2000	1980	99.0
Calcium	5000	5080	101.6	40000	39700	99.3	40000	40000	100.0
Chromium	3000	2980	99.3	2000	1930	96.5	2000	1970	98.5
Cobalt	3000	3120	104.0	2000	1980	99.0	2000	1970	98.5
Copper	3000	3060	102.0	2000	1970	98.5	2000	1970	98.5
Iron	5000	5130	102.6	40000	40000	100.0	40000	40000	100.0
Lead	3000	2870	95.7	2000	1910	95.5	2000	1900	95.0
Lithium									
Magnesium	5000	5050	101.0	40000	39300	98.3	40000	39300	98.3
Manganese	3000	3030	101.0	2000	1960	98.0	2000	1970	98.5
Molybdenum									
Nickel	3000	2870	95.7	2000	1940	97.0	2000	1910	95.5
Potassium	5000	4940	98.8	40000	39900	99.8	40000	40000	100.0
Selenium	3000	2950	98.3	2000	1940	97.0	2000	1940	97.0
Silver	500	517	103.4	250	261	104.4	250	266	106.4
Sodium	5000	5020	100.4	40000	40000	100.0	40000	40200	100.5
Strontium									
Thallium	anr								
Tin									
Titanium									
Vanadium	3000	2960	98.7	2000	1930	96.5	2000	1960	98.0
Zinc	3000	2990	99.7	2000	2000	100.0	2000	2000	100.0

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA5079 Units: ug/l

Time:		16:16			17:23			18:08	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	40000	40500	101.3	40000	40800	102.0	40000	40700	101.8
Antimony	2000	1980	99.0	2000	1980	99.0	2000	1980	99.0
Arsenic	2000	1960	98.0	2000	1960	98.0	2000	1950	97.5
Barium	2000	2030	101.5	2000	2040	102.0	2000	2030	101.5
Beryllium	2000	1980	99.0	2000	2000	100.0	2000	1990	99.5
Boron									
Cadmium	2000	1970	98.5	2000	1970	98.5	2000	1960	98.0
Calcium	40000	39800	99.5	40000	40000	100.0	40000	39800	99.5
Chromium	2000	1970	98.5	2000	1980	99.0	2000	1970	98.5
Cobalt	2000	1950	97.5	2000	1950	97.5	2000	1940	97.0
Copper	2000	1970	98.5	2000	1960	98.0	2000	1960	98.0
Iron	40000	40000	100.0	40000	40200	100.5	40000	40100	100.3
Lead	2000	1900	95.0	2000	1900	95.0	2000	1890	94.5
Lithium									
Magnesium	40000	39200	98.0	40000	39300	98.3	40000	39200	98.0
Manganese	2000	1960	98.0	2000	1960	98.0	2000	1950	97.5
Molybdenum	anr								
Nickel	2000	1920	96.0	2000	1910	95.5	2000	1910	95.5
Potassium	40000	40100	100.3	40000	40600	101.5	40000	40400	101.0
Selenium	2000	1930	96.5	2000	1920	96.0	2000	1910	95.5
Silver	250	266	106.4	250	242	96.8	250	246	98.4
Sodium	40000	40300	100.8	40000	40600	101.5	40000	40400	101.0
Strontium									
Thallium	anr								
Tin									
Titanium									
Vanadium	2000	1960	98.0	2000	1960	98.0	2000	1950	97.5
Zinc	2000	1980	99.0	2000	1970	98.5	2000	1960	98.0

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: 50 to 150 % Recovery Run ID: MA5079 Units: ug/l

Time:			14:51		16:11	
Sample ID:	CRI	CRIA	CRI1		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	200	400	222	111.0	210	105.0
Antimony	5.0	10	5.2	104.0	6.2	124.0
Arsenic	5.0	10	4.5	90.0	7.5	150.0
Barium	200	400	206	103.0	208	104.0
Beryllium	10	10	4.9	98.0	4.9	98.0
Boron	100	200				
Cadmium	4.0	4.0	4.0	100.0	4.1	102.5
Calcium	5000	10000	5150	103.0	5020	100.4
Chromium	10	10	10.5	105.0	10.6	106.0
Cobalt	50	10	51.0	102.0	50.2	100.4
Copper	25	50	25.8	103.2	25.1	100.4
Iron	100	200	115	115.0	110	110.0
Lead	3.0	6.0	3.7	123.3	2.6	86.7
Lithium	300	600				
Magnesium	5000	10000	5180	103.6	5060	101.2
Manganese	15	30	16.5	110.0	15.4	102.7
Molybdenum	10	20				
Nickel	40	20	37.0	92.5	35.7	89.3
Potassium	5000	10000	4940	98.8	4910	98.2
Selenium	5.0	10	6.6	132.0	5.3	106.0
Silver	10	4.0	10.3	103.0	10.1	101.0
Sodium	5000	10000	5000	100.0	4980	99.6
Strontium	20	20				
Thallium	10	4.0	anr			
Tin	20	20				
Titanium	20	20				
Vanadium	50	100	49.5	99.0	49.5	99.0
Zinc	20	10	33.4	167.0*(a	21.0	105.0

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for this element reported in the area bracketed by this QC.

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: SA090810.ICP Date Analyzed: 09/08/10 Methods: SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA5079 Units: ug/l

Time:			14:57		15:03	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	510000	102.0	508000	101.6
Antimony		1000	-6.0		1030	103.0
Arsenic		1000	-1.6		1010	101.0
Barium		500	-2.4		531	106.2
Beryllium		500	0.050		513	102.6
Boron			-6.2		13.5	
Cadmium		1000	-1.9		1040	104.0
Calcium	400000	400000	374000	93.5	371000	92.8
Chromium		500	5.4		490	98.0
Cobalt		500	-9.1		455	91.0
Copper		500	-17		509	101.8
Iron	200000	200000	190000	95.0	188000	94.0
Lead		1000	-4.4		1020	102.0
Lithium			7.0		7.5	
Magnesium	500000	500000	509000	101.8	501000	100.2
Manganese		500	-8.1		488	97.6
Molybdenum		500	-0.64		490	98.0
Nickel		1000	-4.3		989	98.9
Potassium			48.5		35.0	
Selenium		1000	6.5		984	98.4
Silver		1000	-0.29		1090	109.0
Sodium			-11		-10	
Strontium			4.4		4.4	
Thallium		1000	-5.1		1030	103.0
Tin			1.2		-0.28	
Titanium			3.8		4.3	
Vanadium		500	-7.6		483	96.6
Zinc		1000	-22		995	99.5

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12740
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	8.3	12	18.1	<200
Antimony	5.0	1	1	2.1	<5.0
Arsenic	5.0	1.7	1	1.7	<5.0
Barium	200	.97	3.4	-0.080	<200
Beryllium	5.0	.056	.16	0.0	<5.0
Boron	100	1.4	7.8		
Cadmium	4.0	.11	.09	0.42	<4.0
Calcium	5000	7.4	25	27.4	<5000
Chromium	10	.23	.27	0.27	<10
Cobalt	50	.15	.22	0.090	<50
Copper	25	1.1	5.9	1.8	<25
Iron	100	1.1	23	1.6	<100
Lead	3.0	1	1.8	-0.77	<3.0
Lithium	300	2	2		
Magnesium	5000	7.7	7.9	2.0	<5000
Manganese	15	.054	1.9	0.33	<15
Molybdenum	10	.39	.2		
Nickel	40	.69	1.4	-0.33	<40
Potassium	5000	39	45	6.6	<5000
Selenium	5.0	1.5	.98	1.4	<5.0
Silver	10	1.2	.24	1.1	<10
Sodium	5000	9.2	100	16.5	<5000
Strontium	10	.061	.4		
Thallium	10	.67	1.2	0.12	<10
Tin	20	.69	2.8		
Titanium	20	.29	.3		
Vanadium	50	.3	.3		
Zinc	20	.51	3.5	0.74	<20

Associated samples MP12740: T59309-1, T59309-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12740
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			09/06/10					09/06/10	
Metal	T59295-1 Original	DUP	RPD	QC Limits	T59295-1 Original	MS	Spikelot MPTW4	% Rec	QC Limits
Aluminum	475	541	13.0	0-20	475	54600	50000	108.3	80-120
Antimony	0.0	6.1	200.0(a)	0-20	0.0	417	400	104.3	80-120
Arsenic	3.9	5.3	30.4 (a)	0-20	3.9	463	400	114.8	80-120
Barium	69.4	69.4	0.0	0-20	69.4	494	400	106.2	80-120
Beryllium	0.0	0.0	NC	0-20	0.0	421	400	105.3	80-120
Boron									
Cadmium	0.29	0.30	3.4	0-20	0.29	441	400	110.2	80-120
Calcium	186000	181000	2.7	0-20	186000	228000	50000	84.0	80-120
Chromium	1.1	0.87	23.4 (a)	0-20	1.1	405	400	101.0	80-120
Cobalt	6.5	0.0	200.0(a)	0-20	6.5	376	400	92.4	80-120
Copper	1.7	1.8	5.7	0-20	1.7	430	400	107.1	80-120
Iron	390	405	3.8	0-20	390	50300	50000	99.8	80-120
Lead	0.0	0.0	NC	0-20	0.0	419	400	104.8	80-120
Lithium									
Magnesium	516000	513000	0.6	0-20	516000	559000	50000	86.0	80-120
Manganese	24.3	23.7	2.5	0-20	24.3	429	400	101.2	80-120
Molybdenum									
Nickel	0.0	0.0	NC	0-20	0.0	403	400	100.8	80-120
Potassium	190000	183000	3.8	0-20	190000	237000	50000	94.0	80-120
Selenium	3.2	2.1	41.5 (a)	0-20	3.2	461	400	114.5	80-120
Silver	0.0	0.0	NC	0-20	0.0	456	400	114.0	80-120
Sodium	3920000	3890000	0.8	0-20	3920000	3880000	50000	-80.0(b)	80-120
Strontium									
Thallium	0.0	0.88	200.0(a)	0-20	0.0	394	400	98.5	80-120
Tin									
Titanium									
Vanadium	2.1	3.5	50.0 (a)	0-20	2.1	409	400	101.7	80-120
Zinc	0.0	0.0	NC	0-20	0.0	425	400	106.3	80-120

Associated samples MP12740: T59309-1, T59309-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12740
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	T59295-1 Original	MSD	Spikelot MPTW4	% Rec	MSD RPD	QC Limit
Aluminum	475	53300	50000	105.7	2.4	20
Antimony	0.0	414	400	103.5	4.2	20
Arsenic	3.9	454	400	112.5	2.0	20
Barium	69.4	484	400	103.7	2.0	20
Beryllium	0.0	415	400	103.8	1.4	20
Boron						
Cadmium	0.29	433	400	108.2	1.8	20
Calcium	186000	221000	50000	70.0N(a)	3.1	20
Chromium	1.1	402	400	100.2	0.7	20
Cobalt	6.5	374	400	91.9	0.5	20
Copper	1.7	419	400	104.3	2.6	20
Iron	390	49300	50000	97.8	2.0	20
Lead	0.0	408	400	102.0	2.7	20
Lithium						
Magnesium	516000	544000	50000	56.0 (b)	2.7	20
Manganese	24.3	422	400	99.4	1.6	20
Molybdenum						
Nickel	0.0	396	400	99.0	1.8	20
Potassium	190000	229000	50000	78.0N(a)	3.4	20
Selenium	3.2	452	400	112.2	2.0	20
Silver	0.0	440	400	110.0	3.6	20
Sodium	3920000	3850000	50000	-140.0(b	0.8	20
Strontium						
Thallium	0.0	386	400	96.5	2.1	20
Tin						
Titanium						
Vanadium	2.1	403	400	100.2	1.5	20
Zinc	0.0	417	400	104.3	1.9	20

Associated samples MP12740: T59309-1, T59309-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12740
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	BSP Result	Spikelot MPTW4	% Rec	QC Limits
Aluminum	46800	50000	93.6	80-120
Antimony	416	400	104.0	80-120
Arsenic	419	400	104.8	80-120
Barium	409	400	102.3	80-120
Beryllium	435	400	108.8	80-120
Boron				
Cadmium	417	400	104.3	80-120
Calcium	49000	50000	98.0	80-120
Chromium	437	400	109.3	80-120
Cobalt	401	400	100.3	80-120
Copper	376	400	94.0	80-120
Iron	47100	50000	94.2	80-120
Lead	403	400	100.8	80-120
Lithium				
Magnesium	48700	50000	97.4	80-120
Manganese	387	400	96.8	80-120
Molybdenum				
Nickel	411	400	102.8	80-120
Potassium	44900	50000	89.8	80-120
Selenium	422	400	105.5	80-120
Silver	357	400	89.3	80-120
Sodium	46900	50000	93.8	80-120
Strontium				
Thallium	409	400	102.3	80-120
Tin				
Titanium				
Vanadium	390	400	97.5	80-120
Zinc	427	400	106.8	80-120

Associated samples MP12740: T59309-1, T59309-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12740
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	T59295-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	475	449	5.6	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	3.91	10.4	167.0(a)	0-10
Barium	69.4	66.7	3.8	0-10
Beryllium	0.00	0.00	NC	0-10
Boron				
Cadmium	0.290	0.780	169.0(a)	0-10
Calcium	186000	183000	2.0	0-10
Chromium	1.13	0.00	100.0(a)	0-10
Cobalt	6.45	0.00	100.0(a)	0-10
Copper	1.68	0.00	100.0(a)	0-10
Iron	390	392	0.7	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	516000	516000	0.1	0-10
Manganese	24.3	24.7	1.4	0-10
Molybdenum				
Nickel	0.00	0.00	NC	0-10
Potassium	190000	167000	12.4*(b)	0-10
Selenium	3.15	0.00	100.0(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium	3920000	3910000	0.3	0-10
Strontium				
Thallium	0.00	4.04		0-10
Tin				
Titanium				
Vanadium	2.09	3.35	60.3 (a)	0-10
Zinc	0.00	43.7		0-10

Associated samples MP12740: T59309-1, T59309-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12742
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	8.3	12	16.1	<200
Antimony	5.0	1	1	1.8	<5.0
Arsenic	5.0	1.7	1	0.13	<5.0
Barium	200	.97	3.4	-0.19	<200
Beryllium	5.0	.056	.16	-0.020	<5.0
Boron	100	1.4	7.8		
Cadmium	4.0	.11	.09	0.21	<4.0
Calcium	5000	7.4	25	24.2	<5000
Chromium	10	.23	.27	0.30	<10
Cobalt	50	.15	.22	0.12	<50
Copper	25	1.1	5.9	1.6	<25
Iron	100	1.1	23	2.4	<100
Lead	3.0	1	1.8	-1.3	<3.0
Lithium	300	2	2		
Magnesium	5000	7.7	7.9	6.2	<5000
Manganese	15	.054	1.9	0.51	<15
Molybdenum	10	.39	.2		
Nickel	40	.69	1.4	-0.23	<40
Potassium	5000	39	45	1.6	<5000
Selenium	5.0	1.5	.98	-0.23	<5.0
Silver	10	1.2	.24	0.30	<10
Sodium	5000	9.2	100	234	<5000
Strontium	10	.061	.4		
Thallium	10	.67	1.2	-0.16	<10
Tin	20	.69	2.8		
Titanium	20	.29	.3		
Vanadium	50	.3	.3	0.15	<50
Zinc	20	.51	3.5	1.1	<20

Associated samples MP12742: T59309-1F, T59309-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12742
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			09/06/10					09/06/10	
Metal	T59295-1F Original	DUP	RPD	QC Limits	T59295-1F Original	MS	Spikelot MPTW4	% Rec	QC Limits
Aluminum	29.1	23.9	19.6	0-20	29.1	54800	50000	109.5	80-120
Antimony	0.0	0.0	NC	0-20	0.0	438	400	109.5	80-120
Arsenic	5.1	3.4	40.0 (a)	0-20	5.1	455	400	112.5	80-120
Barium	67.2	67.7	0.7	0-20	67.2	501	400	108.5	80-120
Beryllium	0.0	0.0	NC	0-20	0.0	417	400	104.3	80-120
Boron									
Cadmium	0.13	0.0	200.0(a)	0-20	0.13	445	400	111.2	80-120
Calcium	178000	179000	0.6	0-20	178000	230000	50000	104.0	80-120
Chromium	0.0	0.27	200.0(a)	0-20	0.0	400	400	100.0	80-120
Cobalt	0.0	0.0	NC	0-20	0.0	370	400	92.5	80-120
Copper	2.0	1.1	58.1 (a)	0-20	2.0	427	400	106.3	80-120
Iron	1.7	2.4	34.1 (a)	0-20	1.7	49700	50000	99.4	80-120
Lead	0.0	0.0	NC	0-20	0.0	405	400	101.3	80-120
Lithium									
Magnesium	508000	524000	3.1	0-20	508000	577000	50000	138.0(b)	80-120
Manganese	0.51	0.73	35.5 (a)	0-20	0.51	401	400	100.1	80-120
Molybdenum									
Nickel	0.0	0.0	NC	0-20	0.0	400	400	100.0	80-120
Potassium	175000	180000	2.8	0-20	175000	241000	50000	132.0N(c	80-120
Selenium	2.6	2.8	7.4	0-20	2.6	465	400	115.6	80-120
Silver	0.0	0.0	NC	0-20	0.0	461	400	115.3	80-120
Sodium	4070000	3800000	6.9	0-20	4070000	4030000	50000	-80.0(b)	80-120
Strontium									
Thallium	0.0	0.0	NC	0-20	0.0	395	400	98.8	80-120
Tin									
Titanium									
Vanadium	2.9	3.0	3.4	0-20	2.9	404	400	100.3	80-120
Zinc	0.0	0.0	NC	0-20	0.0	426	400	106.5	80-120

Associated samples MP12742: T59309-1F, T59309-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(c) Spike recovery indicates possible matrix interference.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12742
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	T59295-1F Original	MSD	Spikelot MPTW4	% Rec	MSD RPD	QC Limit
Aluminum	29.1	54700	50000	109.3	0.2	20
Antimony	0.0	443	400	110.8	1.1	20
Arsenic	5.1	463	400	114.5	1.7	20
Barium	67.2	502	400	108.7	0.2	20
Beryllium	0.0	422	400	105.5	1.2	20
Boron						
Cadmium	0.13	448	400	112.0	0.7	20
Calcium	178000	232000	50000	108.0	0.9	20
Chromium	0.0	407	400	101.8	1.7	20
Cobalt	0.0	377	400	94.3	1.9	20
Copper	2.0	431	400	107.3	0.9	20
Iron	1.7	49900	50000	99.8	0.4	20
Lead	0.0	412	400	103.0	1.7	20
Lithium						
Magnesium	508000	577000	50000	138.0(a)	0.0	20
Manganese	0.51	407	400	101.6	1.5	20
Molybdenum						
Nickel	0.0	403	400	100.8	0.7	20
Potassium	175000	242000	50000	134.0N	0.4	20
Selenium	2.6	468	400	116.4	0.6	20
Silver	0.0	459	400	114.8	0.4	20
Sodium	4070000	4120000	50000	100.0	2.2	20
Strontium						
Thallium	0.0	400	400	100.0	1.3	20
Tin						
Titanium						
Vanadium	2.9	408	400	101.3	1.0	20
Zinc	0.0	430	400	107.5	0.9	20

Associated samples MP12742: T59309-1F, T59309-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12742
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	BSP Result	Spikelot MPTW4	% Rec	QC Limits
Aluminum	47900	50000	95.8	80-120
Antimony	410	400	102.5	80-120
Arsenic	418	400	104.5	80-120
Barium	401	400	100.3	80-120
Beryllium	439	400	109.8	80-120
Boron				
Cadmium	412	400	103.0	80-120
Calcium	50100	50000	100.2	80-120
Chromium	437	400	109.3	80-120
Cobalt	398	400	99.5	80-120
Copper	378	400	94.5	80-120
Iron	48100	50000	96.2	80-120
Lead	407	400	101.8	80-120
Lithium				
Magnesium	50800	50000	101.6	80-120
Manganese	396	400	99.0	80-120
Molybdenum				
Nickel	412	400	103.0	80-120
Potassium	46300	50000	92.6	80-120
Selenium	422	400	105.5	80-120
Silver	369	400	92.3	80-120
Sodium	48000	50000	96.0	80-120
Strontium				
Thallium	408	400	102.0	80-120
Tin				
Titanium				
Vanadium	390	400	97.5	80-120
Zinc	423	400	105.8	80-120

Associated samples MP12742: T59309-1F, T59309-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12742
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/06/10

Metal	T59295-1F Original	SDL 1:5	%DIF	QC Limits
Aluminum	29.1	0.00	100.0(a)	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	5.12	9.81	91.6 (a)	0-10
Barium	67.2	66.5	1.1	0-10
Beryllium	0.00	0.00	NC	0-10
Boron				
Cadmium	0.130	0.00	100.0(a)	0-10
Calcium	178000	183000	2.7	0-10
Chromium	0.00	0.00	NC	0-10
Cobalt	0.00	0.00	NC	0-10
Copper	1.95	0.00	100.0(a)	0-10
Iron	1.68	8.86	427.4(a)	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	508000	507000	0.2	0-10
Manganese	0.510	2.70	429.4(a)	0-10
Molybdenum				
Nickel	0.00	0.00	NC	0-10
Potassium	175000	172000	1.9	0-10
Selenium	2.55	0.00	100.0(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium	4070000	4010000	1.3	0-10
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Vanadium	2.94	1.78	39.5 (a)	0-10
Zinc	0.00	61.7		0-10

Associated samples MP12742: T59309-1F, T59309-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12743
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 09/07/10

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.41	.73	0.080	<10
Antimony	0.50	.05	.085	-0.011	<0.50
Arsenic	0.50	.085	.085	0.063	<0.50
Barium	10	.049	.069	0.010	<10
Beryllium	0.25	.0028	.0055	0.00050	<0.25
Boron	5.0	.07	.17		
Cadmium	0.25	.0055	.014	0.0075	<0.25
Calcium	250	.37	1.3	1.6	<250
Chromium	0.50	.012	.023	0.012	<0.50
Cobalt	2.5	.0075	.03	-0.0060	<2.5
Copper	1.3	.056	.056	-0.030	<1.3
Iron	5.0	.057	1.1	0.16	<5.0
Lead	0.50	.05	.05	0.0	<0.50
Lithium	15	.1			
Magnesium	250	.38	1.3	0.050	<250
Manganese	0.75	.0027	.037	0.017	<0.75
Molybdenum	0.50	.02	.025		
Nickel	2.0	.035	.057	-0.0010	<2.0
Potassium	250	2	10	1.3	<250
Selenium	0.50	.077	.14	0.031	<0.50
Silver	0.50	.058	.058	-0.0065	<0.50
Sodium	250	.46	1.6	-0.0060	<250
Strontium	1.0	.0031	.059		
Tin	1.0	.035	.035		
Titanium	1.0	.015	.029		
Vanadium	2.5	.015	.034	0.0035	<2.5
Zinc	1.0	.026	.084	0.079	<1.0

Associated samples MP12743: T59309-3, T59309-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12743
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date:			09/07/10					09/07/10	
Metal	T59295-5 Original	DUP	RPD	QC Limits	T59295-5 Original	MS	Spikelot MPTW4	% Rec	QC Limits
Aluminum	3430	3430	0.0	0-20	3430	6930	3660	95.7	80-120
Antimony	0.0	0.0	NC	0-20	0.0	16.2	29.3	55.4N	80-120
Arsenic	2.7	2.9	7.1	0-20	2.7	28.5	29.3	88.2	80-120
Barium	84.1	87.6	4.1	0-20	84.1	124	29.3	136.4N	80-120
Beryllium	0.0082	0.072	159.1(a)	0-20	0.0082	27.0	29.3	92.3	80-120
Boron									
Cadmium	0.0	0.085	200.0(a)	0-20	0.0	26.6	29.3	90.9	80-120
Calcium	13500	6580	68.9*(b)	0-20	13500	19300	3660	158.6N	80-120
Chromium	7.6	7.1	6.8	0-20	7.6	33.8	29.3	89.6	80-120
Cobalt	3.4	3.6	5.7	0-20	3.4	27.7	29.3	83.1	80-120
Copper	0.72	0.80	10.5	0-20	0.72	27.4	29.3	91.2	80-120
Iron	6570	6590	0.3	0-20	6570	9530	3660	80.9	80-120
Lead	4.6	4.7	2.2	0-20	4.6	33.7	29.3	99.5	80-120
Lithium									
Magnesium	3730	3910	4.7	0-20	3730	6870	3660	85.9	80-120
Manganese	115	118	2.6	0-20	115	137	29.3	75.2N	80-120
Molybdenum									
Nickel	8.9	9.1	2.2	0-20	8.9	38.0	29.3	99.5	80-120
Potassium	719	717	0.3	0-20	719	4010	3660	90.0	80-120
Selenium	0.32	0.36	11.8	0-20	0.32	25.7	29.3	86.8	80-120
Silver	0.0	0.0	NC	0-20	0.0	27.0	29.3	92.3	80-120
Sodium	1750	1670	4.7	0-20	1750	5210	3660	94.6	80-120
Strontium									
Tin									
Titanium									
Vanadium	12.8	12.5	2.4	0-20	12.8	38.5	29.3	87.9	80-120
Zinc	18.4	19.8	7.3	0-20	18.4	44.7	29.3	89.9	80-120

Associated samples MP12743: T59309-3, T59309-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.
(b) High RPD due to possible sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12743
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 09/07/10

Metal	T59295-5 Original	MSD	Spikelot MPTW4	% Rec	MSD RPD	QC Limit
Aluminum	3430	7090	3670	99.9	2.3	20
Antimony	0.0	16.3	29.3	55.6N	0.6	20
Arsenic	2.7	28.8	29.3	89.0	1.0	20
Barium	84.1	111	29.3	91.7	11.1	20
Beryllium	0.0082	27.6	29.3	94.1	2.2	20
Boron						
Cadmium	0.0	26.9	29.3	91.7	1.1	20
Calcium	13500	9470	3670	-109.9N	68.3 (a)	20
Chromium	7.6	34.8	29.3	92.8	2.9	20
Cobalt	3.4	28.5	29.3	85.6	2.8	20
Copper	0.72	27.9	29.3	92.7	1.8	20
Iron	6570	9740	3670	86.5	2.2	20
Lead	4.6	34.1	29.3	100.6	1.2	20
Lithium						
Magnesium	3730	7120	3670	92.5	3.6	20
Manganese	115	142	29.3	92.1	3.6	20
Molybdenum						
Nickel	8.9	38.9	29.3	102.3	2.3	20
Potassium	719	4060	3670	91.1	1.2	20
Selenium	0.32	26.0	29.3	87.6	1.2	20
Silver	0.0	27.2	29.3	92.8	0.7	20
Sodium	1750	5120	3670	91.9	1.7	20
Strontium						
Tin						
Titanium						
Vanadium	12.8	38.9	29.3	89.0	1.0	20
Zinc	18.4	45.3	29.3	91.7	1.3	20

Associated samples MP12743: T59309-3, T59309-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) High RPD due to possible sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12743
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 09/07/10

Metal	LCS Result	Spikelot MPLCD054	% Rec	QC Limits
Aluminum	12700	11000	115.5	56-144
Antimony	64.0	81.5	78.5	12-204
Arsenic	135	158	85.4	82-118
Barium	337	348	96.8	81-119
Beryllium	90.5	106	85.4	82-119
Boron				
Cadmium	162	187	86.6	82-118
Calcium	8380	9650	86.8	81-119
Chromium	79.4	89.5	88.7	79-121
Cobalt	230	277	83.0	81-119
Copper	119	129	92.2	84-117
Iron	17900	18600	96.2	50-149
Lead	179	172	104.1	79-120
Lithium				
Magnesium	4650	5030	92.4	79-121
Manganese	544	633	85.9	82-118
Molybdenum				
Nickel	106	99	107.1	81-119
Potassium	3870	4010	96.5	74-126
Selenium	126	148	85.1	78-121
Silver	57.1	66	86.5	66-134
Sodium	794	883	89.9	74-126
Strontium				
Tin				
Titanium				
Vanadium	172	194	88.7	79-120
Zinc	343	394	87.1	80-119

Associated samples MP12743: T59309-3, T59309-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

QC Batch ID: MP12743
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 09/07/10

Metal	T59295-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum	50100	55000	9.9	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	40.1	53.8	34.1 (a)	0-10
Barium	1230	1310	7.0	0-10
Beryllium	0.120	0.00	100.0(a)	0-10
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium	197000	216000	9.4	0-10
Chromium	111	125	12.4*(b)	0-10
Cobalt	49.8	55.8	12.0*(b)	0-10
Copper	10.5	10.2	3.1	0-10
Iron	95900	105000	9.7	0-10
Lead	67.5	67.0	0.7	0-10
Lithium				
Magnesium	54400	60100	10.4*(b)	0-10
Manganese	1680	1850	10.3*(b)	0-10
Molybdenum				
Nickel	129	122	5.5	0-10
Potassium	10500	11700	11.1*(b)	0-10
Selenium	4.67	13.7	193.8(a)	0-10
Silver	0.00	0.00	NC	0-10
Sodium	25500	26900	5.3	0-10
Strontium				
Tin				
Titanium				
Vanadium	188	205	9.5	0-10
Zinc	269	295	9.6	0-10

Associated samples MP12743: T59309-3, T59309-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

Gulf Coast ACCUTEST LABORATORIES

Metals Analysis

Raw Data

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Custom ID2=
Custom ID3=
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Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,Cts/S, -.00129,.00008,5.8862,  -.00134,  -.00132,  -.00120
Al3961,Cts/S, -.00249,.00104,41.935,  -.00138,  -.00264,  -.00345
As1890,Cts/S, .00003,.00004,131.08,  .00001,  .00007,  .00001
B_2089,Cts/S, .00353,.00004,1.2474,  .00348,  .00354,  .00357
Ba4554,Cts/S, .00312,.00042,13.427,  .00295,  .00360,  .00282
Be3130,Cts/S, .00007,.00002,32.081,  .00009,  .00007,  .00004
Ca3179,Cts/S, .00872,.00049,5.6548,  .00847,  .00840,  .00929
Cd2288,Cts/S, .00008,.00013,158.72,  .00013,  -.00006,  .00019
Co2286,Cts/S, .00001,.00002,214.69,  .00001,  -.00001,  .00003
Cr2677,Cts/S, .00003,.00002,77.651,  .00002,  .00002,  .00006
Cu3247,Cts/S, .00195,.00006,2.8279,  .00189,  .00199,  .00198
Fe2599,Cts/S, .00004,.00006,146.20,  .00002,  -.00001,  .00011
K_7664,Cts/S, -.00558,.00041,7.4287,  -.00600,  -.00517,  -.00559
Li6707,Cts/S, -.00073,.00040,54.788,  -.00118,  -.00061,  -.00041
Mg2790,Cts/S, .00019,.00013,67.349,  .00013,  .00033,  .00010
Mn2576,Cts/S, .00002,.00004,200.40,  .00007,  -.00001,  .00000
Mo2020,Cts/S, .00033,.00005,16.639,  .00028,  .00032,  .00039
Na5895,Cts/S, -.00250,.00180,71.934,  -.00143,  -.00149,  -.00457
Ni2316,Cts/S, .00041,.00041,98.517,  -.00006,  .00061,  .00068
Pb2203,Cts/S, .00127,.00016,12.649,  .00110,  .00132,  .00141
Sb2068,Cts/S, .00007,.00005,69.161,  .00013,  .00003,  .00006
Se1960,Cts/S, .00015,.00006,37.114,  .00022,  .00011,  .00014
Sn1899,Cts/S, .00000,.00008,1603.1,  -.00006,  -.00002,  .00009
Sr4077,Cts/S, -.00126,.00018,14.632,  -.00105,  -.00137,  -.00135
Ti3349,Cts/S, -.00021,.00002,8.5560,  -.00020,  -.00020,  -.00023
Tl1908,Cts/S, -.00110,.00020,18.291,  -.00133,  -.00101,  -.00095
V_2924,Cts/S, .00000,.00004,1089.5,  -.00003,  .00005,  .00000
Zn2138,Cts/S, .00113,.00012,10.447,  .00113,  .00101,  .00125

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 809.13,1.7381,.21481,807.43,810.90,809.06
Y_2243,Cts/S, 4200.5,5.7099,.13593,4194.1,4204.9,4202.6
Y_3710,Cts/S, 80157.,306.89,.38286,79849.,80159.,80463.
Y_3710-2,Cts/S, 8201.4,49.033,.59787,8256.6,8162.9,8184.6

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Custom ID3=
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CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,Cts/S, .02588,.00002,.08935,  .02589,  .02590,  .02585
Al3961,Cts/S, 3.2443,.01238,.38173,  3.2574,  3.2429,  3.2327
As1890,Cts/S, .19541,.00058,.29461,  .19530,  .19490,  .19604
B_2089,Cts/S, .84586,.00235,.27760,  .84432,  .84471,  .84857
Ba4554,Cts/S, 10.088,.00933,.09250,  10.096,  10.089,  10.078
Be3130,Cts/S, 9.7280,.04369,.44909,  9.7187,  9.7756,  9.6897
Ca3179,Cts/S, 9.5034,.04127,.43430,  9.5508,  9.4840,  9.4753
Cd2288,Cts/S, 1.6873,.00293,.17384,  1.6855,  1.6857,  1.6907
Co2286,Cts/S, 1.7482,.00481,.27501,  1.7465,  1.7445,  1.7537
Cr2677,Cts/S, .23289,.00012,.05047,  .23302,  .23287,  .23279
Cu3247,Cts/S, .34255,.00020,.05955,  .34245,  .34241,  .34278
Fe2599,Cts/S, 5.4835,.02502,.45620,  5.5117,  5.4750,  5.4639
K_7664,Cts/S, 2.4592,.01156,.47013,  2.4723,  2.4551,  2.4503
Li6707,Cts/S, 2.6814,.01048,.39095,  2.6935,  2.6756,  2.6751
Mg2790,Cts/S, 1.0178,.00547,.53790,  1.0242,  1.0144,  1.0150
Mn2576,Cts/S, 1.4222,.00277,.19503,  1.4190,  1.4240,  1.4236
Mo2020,Cts/S, 2.1770,.00478,.21949,  2.1755,  2.1731,  2.1823
Na5895,Cts/S, 9.5252,.04435,.46559,  9.5760,  9.4944,  9.5052
Ni2316,Cts/S, 8.9582,.01424,.15893,  8.9418,  8.9654,  8.9675
Pb2203,Cts/S, 2.6012,.00639,.24572,  2.5963,  2.5990,  2.6084
Sb2068,Cts/S, .30740,.00074,.23979,  .30688,  .30707,  .30825
Se1960,Cts/S, .16584,.00050,.29912,  .16546,  .16566,  .16641
Sn1899,Cts/S, .67271,.00192,.28471,  .67268,  .67081,  .67464
Sr4077,Cts/S, 21.160,.10502,.49631,  21.274,  21.138,  21.067
Ti3349,Cts/S, .44913,.00033,.07239,  .44876,  .44929,  .44935
Tl1908,Cts/S, 2.3627,.00230,.09728,  2.3611,  2.3616,  2.3653
V_2924,Cts/S, .26242,.00044,.16904,  .26195,  .26249,  .26283
Zn2138,Cts/S, 5.6204,.01025,.18243,  5.6160,  5.6131,  5.6321

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 720.79,.76197,.10571,720.52,720.20,721.65
Y_2243,Cts/S, 4088.3,4.6351,.11337,4083.4,4088.9,4092.6
Y_3710,Cts/S, 77997.,228.18,.29255,78218.,77762.,78010.
Y_3710-2,Cts/S, 8282.4,36.156,.43654,8241.7,8310.9,8294.5

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[Results]
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Al3961,Cts/S, 6.5766,.02977,.45262,  6.6094,  6.5692,  6.5512
As1890,Cts/S, .39457,.00208,.52793,  .39409,  .39277,  .39685
B_2089,Cts/S, 1.6814,.00579,.34449,  1.6784,  1.6777,  1.6881
Ba4554,Cts/S, 20.161,.02843,.14103,  20.194,  20.145,  20.144
Be3130,Cts/S, 18.988,.04117,.21682,  18.941,  19.009,  19.015
Ca3179,Cts/S, 19.033,.05951,.31264,  19.102,  18.999,  18.998
Cd2288,Cts/S, 3.3909,.01119,.32998,  3.3864,  3.3827,  3.4037
Co2286,Cts/S, 3.4731,.01318,.37954,  3.4664,  3.4645,  3.4882
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Cr2677,Cts/S, .46296,.00044,.09464,  .46322,  .46246,  .46321
Cu3247,Cts/S, .68566,.00275,.40098,  .68277,  .68598,  .68824
Fe2599,Cts/S, 10.967,.05037,.45929,  11.025,  10.943,  10.933
K_7664,Cts/S, 4.9879,.02380,.47714,  5.0145,  4.9807,  4.9685
Li6707,Cts/S, 5.3398,.01571,.29420,  5.3576,  5.3339,  5.3279
Mg2790,Cts/S, 2.0401,.00849,.41596,  2.0497,  2.0365,  2.0339
Mn2576,Cts/S, 2.8047,.01233,.43945,  2.7922,  2.8051,  2.8168
Mo2020,Cts/S, 4.3331,.01644,.37946,  4.3268,  4.3208,  4.3518
Na5895,Cts/S, 19.129,.05623,.29394,  19.192,  19.082,  19.114
Ni2316,Cts/S, 18.457,.07140,.38684,  18.475,  18.378,  18.517
Pb2203,Cts/S, 5.3640,.01805,.33647,  5.3671,  5.3447,  5.3804
Sb2068,Cts/S, .61809,.00256,.41420,  .61807,  .61554,  .62066
Se1960,Cts/S, .33590,.00168,.49951,  .33525,  .33465,  .33781
Sn1899,Cts/S, 1.3274,.00458,.34494,  1.3250,  1.3245,  1.3327
Sr4077,Cts/S, 41.985,.22554,.53718,  41.904,  41.811,  42.240
Ti3349,Cts/S, .88844,.00146,.16426,  .88723,  .88802,  .89006
Tl1908,Cts/S, 4.8099,.02076,.43153,  4.8079,  4.7902,  4.8316
V_2924,Cts/S, .52150,.00131,.25182,  .52028,  .52135,  .52289
Zn2138,Cts/S, 11.284,.03672,.32539,  11.271,  11.256,  11.326

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 670.85,1.6908,.25204,670.10,672.79,669.67
Y_2243,Cts/S, 3993.1,6.6194,.16577,3995.3,3998.3,3985.6
Y_3710,Cts/S, 76524.,357.64,.46736,76809.,76641.,76123.
Y_3710-2,Cts/S, 8190.6,31.791,.38814,8176.5,8227.0,8168.3

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Al3961,ppm, 5.1593,.00924,.17908, 5.1699, 5.1541, 5.1537,Chk Pass,,
As1890,ppm, 2.9500,.00581,.19679, 2.9474, 2.9460, 2.9567,Chk Pass,,
B_2089,ppm, 3.0105,.00763,.25357, 3.0055, 3.0067, 3.0193,Chk Pass,,
Ba4554,ppm, 3.0317,.00323,.10638, 3.0283, 3.0347, 3.0322,Chk Pass,,
Be3130,ppm, 2.9921,.01506,.50332, 2.9866, 2.9805, 3.0091,Chk Pass,,
Ca3179,ppm, 5.1176,.00710,.13871, 5.1157, 5.1116, 5.1254,Chk Pass,,
Cd2288,ppm, 2.9929,.00749,.25029, 2.9902, 2.9871, 3.0013,Chk Pass,,
Co2286,ppm, 3.1379,.00969,.30888, 3.1331, 3.1316, 3.1491,Chk Pass,,
Cr2677,ppm, 3.0481,.00297,.09732, 3.0493, 3.0502, 3.0447,Chk Pass,,
Cu3247,ppm, 3.0971,.00427,.13797, 3.0966, 3.0931, 3.1016,Chk Pass,,
Fe2599,ppm, 5.1491,.01016,.19736, 5.1601, 5.1469, 5.1402,Chk Pass,,
K_7664,ppm, 5.0171,.01888,.37629, 5.0107, 5.0023, 5.0384,Chk Pass,,
Li6707,ppm, 3.0367,.00062,.02057, 3.0368, 3.0373, 3.0361,Chk Pass,,
Mg2790,ppm, 5.1291,.01538,.29989, 5.1459, 5.1254, 5.1158,Chk Pass,,
Mn2576,ppm, 3.0955,.00486,.15684, 3.0932, 3.0922, 3.1010,Chk Pass,,
Mo2020,ppm, 2.9820,.01106,.37072, 2.9764, 2.9749, 2.9948,Chk Pass,,
Na5895,ppm, 5.0807,.01189,.23410, 5.0844, 5.0674, 5.0903,Chk Pass,,
Ni2316,ppm, 2.8944,.01552,.53613, 2.8847, 2.8863, 2.9123,Chk Pass,,
Pb2203,ppm, 2.9035,.01650,.56813, 2.8939, 2.8941, 2.9226,Chk Pass,,
Sb2068,ppm, 2.9571,.00908,.30703, 2.9542, 2.9499, 2.9673,Chk Pass,,
Se1960,ppm, 2.9750,.01564,.52560, 2.9616, 2.9713, 2.9922,Chk Pass,,
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Sn1899,ppm, 3.0669,.01338,.43617, 3.0598, 3.0585, 3.0823,Chk Pass,,
Sr4077,ppm, 3.0207,.00175,.05796, 3.0227, 3.0195, 3.0199,Chk Pass,,
Ti3349,ppm, 2.9807,.00139,.04662, 2.9797, 2.9801, 2.9823,Chk Pass,,
Tl1908,ppm, 2.9552,.01413,.47807, 2.9488, 2.9454, 2.9714,Chk Pass,,
V_2924,ppm, 3.0009,.00424,.14130, 2.9988, 2.9982, 3.0058,Chk Pass,,
Zn2138,ppm, 3.0024,.00863,.28733, 2.9990, 2.9959, 3.0122,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 774.48,2.2763,.29391,776.42,775.04,771.97
Y_2243,Cts/S, 4185.0,1.4943,.03571,4185.6,4186.0,4183.3
Y_3710,Cts/S, 80134.,155.61,.19419,80275.,79967.,80159.
Y_3710-2,Cts/S, 8319.7,22.076,.26535,8294.3,8334.6,8330.1

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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

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Al3961,ppm, -.00557,.00559,100.42, -.00777, -.00972, .00079,Chk Pass,,
As1890,ppm, .00067,.00145,216.60, .00228, .00024, -.00052,Chk Pass,,
B_2089,ppm, .00659,.00078,11.824, .00706, .00701, .00569,Chk Pass,,
Ba4554,ppm, .00020,.00004,17.734, .00016, .00020, .00023,Chk Pass,,
Be3130,ppm, .00008,.00001,15.727, .00009, .00009, .00007,Chk Pass,,
Ca3179,ppm, .00027,.00115,428.21, -.00024, .00158, -.00054,Chk Pass,,
Cd2288,ppm, .00014,.00007,50.170, .00021, .00007, .00015,Chk Pass,,
Co2286,ppm, .00007,.00008,112.82, -.00001, .00015, .00008,Chk Pass,,
Cr2677,ppm, .00031,.00015,49.003, .00046, .00016, .00031,Chk Pass,,
Cu3247,ppm, .00019,.00023,121.40, .00016, .00043, -.00003,Chk Pass,,
Fe2599,ppm, -.00036,.00094,259.05, .00068, -.00115, -.00063,Chk Pass,,
K_7664,ppm, .01205,.01209,100.38, -.00049, .02365, .01298,Chk Pass,,
Li6707,ppm, .00123,.00117,94.390, .00252, .00025, .00093,Chk Pass,,
Mg2790,ppm, .00240,.00364,151.34, -.00102, .00201, .00622,Chk Pass,,
Mn2576,ppm, .00013,.00003,26.977, .00013, .00009, .00016,Chk Pass,,
Mo2020,ppm, .00002,.00006,260.30, .00005, .00006, -.00004,Chk Pass,,
Na5895,ppm, .00086,.00353,411.52, .00464, .00026, -.00233,Chk Pass,,
Ni2316,ppm, -.00010,.00010,97.161, -.00013, .00001, -.00018,Chk Pass,,
Pb2203,ppm, -.00117,.00067,57.475, -.00189, -.00055, -.00107,Chk Pass,,
Sb2068,ppm, .00082,.00200,244.38, -.00124, .00094, .00276,Chk Pass,,
Se1960,ppm, .00119,.00047,39.607, .00172, .00084, .00101,Chk Pass,,
Sn1899,ppm, .00006,.00041,675.48, -.00040, .00038, .00020,Chk Pass,,
Sr4077,ppm, .00013,.00003,21.317, .00016, .00014, .00010,Chk Pass,,
Ti3349,ppm, .00016,.00021,131.54, .00015, -.00005, .00037,Chk Pass,,
Tl1908,ppm, .00068,.00037,53.819, .00092, .00026, .00086,Chk Pass,,
V_2924,ppm, .00029,.00056,197.79, -.00037, .00058, .00065,Chk Pass,,
Zn2138,ppm, .00009,.00008,88.047, .00007, .00002, .00018,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 812.52,3.4285,.42196,814.64,814.35,808.56
Y_2243,Cts/S, 4246.4,7.8092,.18390,4252.3,4249.3,4237.5
Y_3710,Cts/S, 81177.,68.063,.08384,81179.,81244.,81108.
Y_3710-2,Cts/S, 8293.4,18.975,.22879,8300.4,8272.0,8308.0
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[Results]
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Ag3280,ppm, .00986,.00020,2.0482, .01008, .00968, .00983,Chk Pass,,
Al3961,ppm, .21020,.00397,1.8895, .21309, .21183, .20567,Chk Pass,,
As1890,ppm, .00609,.00091,14.983, .00714, .00551, .00562,Chk Pass,,
B_2089,ppm, .10843,.00012,.11177, .10857, .10839, .10834,Chk Pass,,
Ba4554,ppm, .20956,.00021,.10157, .20970, .20967, .20932,Chk Pass,,
Be3130,ppm, .00515,.00000,.03711, .00515, .00515, .00514,Chk Pass,,
Ca3179,ppm, 5.1502,.01871,.36328, 5.1688, 5.1505, 5.1314,Chk Pass,,
Cd2288,ppm, .00411,.00011,2.7987, .00411, .00422, .00399,Chk Pass,,
Co2286,ppm, .05163,.00028,.54093, .05194, .05153, .05141,Chk Pass,,
Cr2677,ppm, .01090,.00007,.66021, .01088, .01084, .01098,Chk Pass,,
Cu3247,ppm, .02587,.00025,.96607, .02607, .02559, .02594,Chk Pass,,
Fe2599,ppm, .10530,.00059,.56181, .10461, .10569, .10559,Chk Pass,,
K_7664,ppm, 5.0531,.03074,.60821, 5.0726, 5.0690, 5.0177,Chk Pass,,
Li6707,ppm, .30519,.00062,.20179, .30589, .30472, .30495,Chk Pass,,
Mg2790,ppm, 5.2971,.02913,.54983, 5.3128, 5.3151, 5.2635,Chk Pass,,
Mn2576,ppm, .01619,.00003,.16085, .01622, .01619, .01617,Chk Pass,,
Mo2020,ppm, .01051,.00015,1.4180, .01047, .01068, .01039,Chk Pass,,
Na5895,ppm, 5.1129,.02354,.46050, 5.1382, 5.1089, 5.0912,Chk Pass,,
Ni2316,ppm, .03711,.00008,.22804, .03702, .03717, .03715,Chk Pass,,
Pb2203,ppm, .00237,.00044,18.567, .00207, .00288, .00217,Chk Pass,,
Sb2068,ppm, .00438,.00063,14.371, .00456, .00491, .00369,Chk Pass,,
Se1960,ppm, .00406,.00048,11.926, .00405, .00455, .00358,Chk Pass,,
Sn1899,ppm, .02069,.00016,.78647, .02057, .02062, .02087,Chk Pass,,
Sr4077,ppm, .02053,.00004,.20897, .02053, .02057, .02048,Chk Pass,,
Ti3349,ppm, .02033,.00014,.70184, .02048, .02020, .02030,Chk Pass,,
Tl1908,ppm, .01102,.00100,9.0449, .01130, .00991, .01185,Chk Pass,,
V_2924,ppm, .05097,.00030,.59049, .05101, .05066, .05126,Chk Pass,,
Zn2138,ppm, .02403,.00010,.40893, .02392, .02404, .02412,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 807.12,2.0611,.25536,809.18,805.06,807.11
Y_2243,Cts/S, 4258.3,12.768,.29985,4264.8,4243.6,4266.5
Y_3710,Cts/S, 80682.,173.62,.21519,80485.,80751.,80811.
Y_3710-2,Cts/S, 8278.5,18.886,.22813,8267.1,8268.0,8300.3

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Custom ID2=
Custom ID3=
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Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
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Al3961,ppm, 488.84,7.5527,1.5450, 495.33, 480.55, 490.63,Chk Pass,,
As1890,ppm, -.00113,.00148,131.22, .00058, -.00209, -.00187,Chk Pass,,
B_2089,ppm, -.00412,.00077,18.811, -.00385, -.00351, -.00499,Chk Pass,,
Ba4554,ppm, -.00251,.00012,4.6142, -.00241, -.00248, -.00263,Chk Pass,,
Be3130,ppm, .00005,.00002,39.615, .00006, .00006, .00003,Chk Pass,,
Ca3179,ppm, 377.71,1.3754,.36414, 376.20, 378.90, 378.02,Chk Pass,,
Cd2288,ppm, -.00194,.00017,8.6635, -.00186, -.00182, -.00213,Chk Pass,,
Co2286,ppm, -.00800,.00026,3.2459, -.00829, -.00782, -.00788,Chk Pass,,
Cr2677,ppm, .00554,.00078,14.098, .00485, .00540, .00639,Chk Pass,,
Cu3247,ppm, -.01183,.00034,2.8625, -.01151, -.01179, -.01218,Chk Pass,,
Fe2599,ppm, 185.15,1.2365,.66781, 185.32, 186.30, 183.84,Chk Pass,,
K_7664,ppm, -.01166,.04989,427.70, -.06657, .00071, .03087,Chk Pass,,
Li6707,ppm, .00613,.00026,4.1821, .00588, .00612, .00640,Chk Pass,,
Mg2790,ppm, 511.12,2.7389,.53586, 513.51, 511.70, 508.13,Chk Pass,,
Mn2576,ppm, -.00661,.00001,.09432, -.00661, -.00661, -.00662,Chk Pass,,
Mo2020,ppm, -.00030,.00011,36.615, -.00025, -.00043, -.00023,Chk Pass,,
Na5895,ppm, -.01553,.00170,10.936, -.01450, -.01461, -.01750,Chk Pass,,
Ni2316,ppm, .00022,.00025,112.86, .00000, .00049, .00017,Chk Pass,,
Pb2203,ppm, .00422,.00030,7.1520, .00430, .00388, .00447,Chk Pass,,
Sb2068,ppm, .00309,.00066,21.448, .00361, .00333, .00234,Chk Pass,,
Se1960,ppm, -.00029,.00024,80.717, -.00032, -.00005, -.00052,Chk Pass,,
Sn1899,ppm, .00016,.00042,257.24, .00061, -.00023, .00011,Chk Pass,,
Sr4077,ppm, .00415,.00007,1.6723, .00423, .00412, .00410,Chk Pass,,
Ti3349,ppm, .00359,.00050,14.001, .00318, .00415, .00344,Chk Pass,,
Tl1908,ppm, -.00431,.00037,8.5532, -.00455, -.00389, -.00449,Chk Pass,,
V_2924,ppm, -.00903,.00025,2.8132, -.00932, -.00885, -.00892,Chk Pass,,
Zn2138,ppm, -.02237,.00012,.55777, -.02242, -.02246, -.02223,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 619.12,1.0207,.16486,620.13,618.09,619.13
Y_2243,Cts/S, 3944.9,7.9902,.20255,3953.4,3937.5,3943.8
Y_3710,Cts/S, 75532.,246.00,.32569,75568.,75270.,75758.
Y_3710-2,Cts/S, 8402.5,57.279,.68169,8352.7,8389.8,8465.1

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Repeats=3

[Results]
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Ag3280,ppm, 1.0004,.00129,.12900, .99889, 1.0012, 1.0010,Chk Pass,,
Al3961,ppm, 473.90,4.6136,.97353, 479.22, 470.91, 471.59,Chk Pass,,
As1890,ppm, 1.0237,.00524,.51204, 1.0238, 1.0184, 1.0289,Chk Pass,,
B_2089,ppm, .01696,.00032,1.8667, .01690, .01730, .01667,None,,
Ba4554,ppm, .51951,.00077,.14818, .51929, .51887, .52037,Chk Pass,,
Be3130,ppm, .53686,.00046,.08594, .53648, .53671, .53737,Chk Pass,,
Ca3179,ppm, 375.63,1.6517,.43970, 377.17, 375.84, 373.89,Chk Pass,,
Cd2288,ppm, 1.0469,.00315,.30102, 1.0464, 1.0441, 1.0503,Chk Pass,,
Co2286,ppm, .46307,.00125,.27099, .46298, .46186, .46436,Chk Pass,,
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Cr2677,ppm, .51917,.00070,.13523, .51942, .51837, .51970,Chk Pass,,
Cu3247,ppm, .49308,.00077,.15591, .49275, .49396, .49253,Chk Pass,,
Fe2599,ppm, 182.40,1.5372,.84273, 184.13, 181.18, 181.90,Chk Pass,,
K_7664,ppm, .01162,.00429,36.900, .01656, .00939, .00890,None,,
Li6707,ppm, .00529,.00056,10.510, .00465, .00570, .00551,None,,
Mg2790,ppm, 499.37,1.9530,.39109, 501.61, 498.02, 498.50,Chk Pass,,
Mn2576,ppm, .48729,.00020,.04095, .48720, .48751, .48715,Chk Pass,,
Mo2020,ppm, .47870,.00138,.28863, .47852, .47742, .48017,Chk Pass,,
Na5895,ppm, .00251,.00361,143.74, -.00079, .00196, .00637,None,,
Ni2316,ppm, 1.0194,.00361,.35453, 1.0169, 1.0178, 1.0235,Chk Pass,,
Pb2203,ppm, 1.0556,.00818,.77452, 1.0518, 1.0501, 1.0650,Chk Pass,,
Sb2068,ppm, 1.0336,.00655,.63387, 1.0335, 1.0272, 1.0403,Chk Pass,,
Se1960,ppm, 1.0139,.00508,.50102, 1.0088, 1.0138, 1.0190,Chk Pass,,
Sn1899,ppm, -.00050,.00038,75.872, -.00093, -.00027, -.00029,None,,
Sr4077,ppm, .00407,.00006,1.3830, .00412, .00401, .00407,None,,
Ti3349,ppm, .00399,.00041,10.381, .00370, .00447, .00381,None,,
Tl1908,ppm, 1.0515,.00701,.66694, 1.0469, 1.0480, 1.0596,Chk Pass,,
V_2924,ppm, .48475,.00085,.17466, .48562, .48471, .48393,Chk Pass,,
Zn2138,ppm, 1.0259,.00397,.38722, 1.0242, 1.0231, 1.0305,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 627.30,2.0078,.32007,627.45,629.23,625.22
Y_2243,Cts/S, 3996.3,14.328,.35853,3996.7,4010.5,3981.8
Y_3710,Cts/S, 76882.,214.04,.27840,76934.,76647.,77065.
Y_3710-2,Cts/S, 8658.7,31.619,.36517,8624.0,8685.9,8666.1

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Sample Type=QC
Mode=CONC
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Repeats=3

[Results]
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Ag3280,ppm, .23296,.00055,.23705, .23311, .23343, .23235,Chk Pass,,
Al3961,ppm, 36.434,.07710,.21161, 36.465, 36.491, 36.346,Chk Pass,,
As1890,ppm, 2.0380,.00429,.21055, 2.0341, 2.0373, 2.0426,Chk Pass,,
B_2089,ppm, 2.0272,.00377,.18573, 2.0273, 2.0234, 2.0309,Chk Pass,,
Ba4554,ppm, 1.9535,.00022,.01147, 1.9538, 1.9533, 1.9535,Chk Pass,,
Be3130,ppm, 2.0693,.00791,.38212, 2.0720, 2.0756, 2.0605,Chk Pass,,
Ca3179,ppm, 39.065,.08331,.21327, 39.045, 39.157, 38.994,Chk Pass,,
Cd2288,ppm, 2.0122,.00516,.25664, 2.0099, 2.0085, 2.0181,Chk Pass,,
Co2286,ppm, 2.0161,.00341,.16924, 2.0144, 2.0138, 2.0200,Chk Pass,,
Cr2677,ppm, 2.0690,.00663,.32058, 2.0616, 2.0744, 2.0710,Chk Pass,,
Cu3247,ppm, 1.8540,.00625,.33702, 1.8497, 1.8612, 1.8511,Chk Pass,,
Fe2599,ppm, 37.815,.07680,.20310, 37.814, 37.892, 37.738,Chk Pass,,
K_7664,ppm, 36.546,.09009,.24650, 36.551, 36.634, 36.454,Chk Pass,,
Li6707,ppm, 1.8528,.00265,.14283, 1.8507, 1.8558, 1.8520,Chk Pass,,
Mg2790,ppm, 38.690,.09013,.23296, 38.647, 38.793, 38.629,Chk Pass,,
Mn2576,ppm, 1.9271,.00474,.24571, 1.9262, 1.9323, 1.9229,Chk Pass,,
Mo2020,ppm, 1.9673,.00333,.16904, 1.9664, 1.9645, 1.9710,Chk Pass,,
Na5895,ppm, 37.850,.06471,.17096, 37.827, 37.923, 37.800,Chk Pass,,
Ni2316,ppm, 2.0195,.00302,.14937, 2.0226, 2.0165, 2.0193,Chk Pass,,
Pb2203,ppm, 2.0018,.00214,.10686, 2.0035, 2.0024, 1.9994,Chk Pass,,
Sb2068,ppm, 1.9956,.00560,.28061, 1.9969, 1.9895, 2.0004,Chk Pass,,
Se1960,ppm, 2.0378,.00525,.25779, 2.0380, 2.0324, 2.0429,Chk Pass,,
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Sn1899,ppm, 2.0291,.00581,.28628, 2.0250, 2.0265, 2.0358,Chk Pass,,
Sr4077,ppm, 1.8412,.00380,.20642, 1.8413, 1.8449, 1.8373,Chk Pass,,
Ti3349,ppm, 1.9345,.00454,.23457, 1.9310, 1.9397, 1.9329,Chk Pass,,
Tl1908,ppm, 2.0160,.00387,.19218, 2.0198, 2.0120, 2.0163,Chk Pass,,
V_2924,ppm, 1.9422,.00324,.16666, 1.9387, 1.9451, 1.9427,Chk Pass,,
Zn2138,ppm, 2.0384,.00472,.23167, 2.0371, 2.0344, 2.0436,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 763.97,.79346,.10386,763.30,763.77,764.85
Y_2243,Cts/S, 4303.4,6.9641,.16183,4309.0,4305.6,4295.6
Y_3710,Cts/S, 84770.,135.75,.16014,84916.,84648.,84747.
Y_3710-2,Cts/S, 9029.4,27.929,.30931,9043.8,8997.3,9047.3

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Custom ID3=
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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00101,.00021,20.580, .00093, .00086, .00125,Chk Pass,,
Al3961,ppm, .01954,.00730,37.375, .01899, .01252, .02710,Chk Pass,,
As1890,ppm, .00023,.00107,456.84, .00146, -.00022, -.00054,Chk Pass,,
B_2089,ppm, .00538,.00052,9.6607, .00515, .00597, .00501,Chk Pass,,
Ba4554,ppm, -.00011,.00023,212.62, -.00037, .00009, -.00005,Chk Pass,,
Be3130,ppm, .00005,.00002,38.831, .00007, .00005, .00003,Chk Pass,,
Ca3179,ppm, .00704,.00230,32.751, .00926, .00719, .00466,Chk Pass,,
Cd2288,ppm, .00013,.00004,32.962, .00009, .00012, .00017,Chk Pass,,
Co2286,ppm, .00019,.00021,113.48, .00035, .00027, -.00005,Chk Pass,,
Cr2677,ppm, .00024,.00022,94.232, .00012, .00049, .00010,Chk Pass,,
Cu3247,ppm, .00174,.00019,10.746, .00194, .00157, .00171,Chk Pass,,
Fe2599,ppm, .00129,.00128,38.855, .00462, .00317, .00207,Chk Pass,,
K_7664,ppm, .00619,.02532,409.09, -.01645, .00148, .03354,Chk Pass,,
Li6707,ppm, .00013,.00021,169.46, .00030, .00019, -.00011,Chk Pass,,
Mg2790,ppm, .00748,.00894,119.41, .01780, .00258, .00208,Chk Pass,,
Mn2576,ppm, .00012,.00000,3.4130, .00012, .00012, .00012,Chk Pass,,
Mo2020,ppm, .00003,.00011,361.21, -.00001, .00016, -.00006,Chk Pass,,
Na5895,ppm, .01162,.00479,41.235, .00723, .01673, .01089,Chk Pass,,
Ni2316,ppm, -.00003,.00018,559.75, .00006, -.00023, .00008,Chk Pass,,
Pb2203,ppm, -.00049,.00025,51.216, -.00067, -.00020, -.00060,Chk Pass,,
Sb2068,ppm, .00032,.00095,298.44, -.00012, -.00033, .00140,Chk Pass,,
Se1960,ppm, .00215,.00095,44.395, .00259, .00106, .00281,Chk Pass,,
Sn1899,ppm, .00006,.00019,313.85, -.00011, .00003, .00026,Chk Pass,,
Sr4077,ppm, .00013,.00007,56.787, .00010, .00021, .00007,Chk Pass,,
Ti3349,ppm, -.00013,.00057,434.29, .00052, -.00041, -.00050,Chk Pass,,
Tl1908,ppm, .00051,.00045,87.494, .00096, .00006, .00053,Chk Pass,,
V_2924,ppm, .00007,.00056,834.40, -.00035, .00070, -.00015,Chk Pass,,
Zn2138,ppm, .00012,.00009,73.307, .00021, .00013, .00003,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 860.84,1.7671,.20528,859.72,862.88,859.93
Y_2243,Cts/S, 4450.6,7.1390,.16040,4443.3,4457.5,4451.0
Y_3710,Cts/S, 88815.,145.70,.16404,88958.,88820.,88666.
Y_3710-2,Cts/S, 9256.9,37.624,.40644,9229.1,9242.0,9299.7
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SampleName=MP12740-MB1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:02:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00110,.00031,27.890, .00103, .00084, .00144
Al3961,ppm, .01806,.00639,35.382, .01354, .02537, .01526
As1890,ppm, .00167,.00010,6.2282, .00179, .00160, .00161
B_2089,ppm, .00556,.00024,4.3327, .00537, .00583, .00549
Ba4554,ppm, -.00008,.00021,262.81, .00004, -.00033, .00004
Be3130,ppm, .00000,.00001,279.95, .00000, -.00001, .00000
Ca3179,ppm, .02744,.00240,8.7423, .02689, .02536, .03006
Cd2288,ppm, .00042,.00009,21.158, .00035, .00039, .00052
Co2286,ppm, .00009,.00014,152.71, .00005, .00025, -.00002
Cr2677,ppm, .00027,.00014,52.423, .00011, .00032, .00038
Cu3247,ppm, .00183,.00018,9.8445, .00163, .00189, .00197
Fe2599,ppm, .00155,.00105,67.733, .00052, .00151, .00261
K_7664,ppm, .00659,.01305,197.95, .02164, -.00030, -.00157
Li6707,ppm, .00077,.00054,69.948, .00058, .00138, .00035
Mg2790,ppm, .00202,.00362,179.48, .00490, .00319, -.00204
Mn2576,ppm, .00033,.00003,9.3074, .00037, .00031, .00033
Mo2020,ppm, -.00002,.00017,836.30, -.00015, -.00008, .00017
Na5895,ppm, .01653,.00609,36.836, .00956, .02081, .01923
Ni2316,ppm, -.00033,.00012,35.836, -.00041, -.00020, -.00038
Pb2203,ppm, -.00077,.00050,65.322, -.00022, -.00120, -.00089
Sb2068,ppm, .00209,.00072,34.291, .00277, .00134, .00216
Se1960,ppm, .00140,.00209,149.48, .00382, .00015, .00023
Sn1899,ppm, -.00009,.00027,317.76, .00021, -.00033, -.00013
Sr4077,ppm, .00018,.00005,28.179, .00020, .00012, .00021
Ti3349,ppm, -.00016,.00023,144.71, -.00019, .00009, -.00038
Tl1908,ppm, .00012,.00052,422.25, .00054, .00029, -.00046
V_2924,ppm, .00016,.00028,173.19, .00040, -.00015, .00023
Zn2138,ppm, .00074,.00005,7.0132, .00080, .00070, .00072

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 860.72,2.0930,.24317,862.81,860.73,858.62
Y_2243,Cts/S, 4454.8,5.8966,.13237,4461.6,4452.0,4450.9
Y_3710,Cts/S, 89424.,200.57,.22429,89261.,89648.,89363.
Y_3710-2,Cts/S, 9336.1,42.623,.45654,9286.9,9359.5,9362.0

[Sample Header]
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SampleName=MP12740-B1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:08:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Zoom In
Zoom Out

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .35714,.00192,.53754, .35906, .35714, .35522
Al3961,ppm, 46.792,.18559,.39663, 47.004, 46.708, 46.662
As1890,ppm, .41892,.00113,.26859, .41866, .41795, .42015
B_2089,ppm, 1.0259,.00257,.25007, 1.0240, 1.0249, 1.0289
Ba4554,ppm, .40917,.00089,.21829, .41020, .40872, .40859
Be3130,ppm, .43533,.00017,.03981, .43514, .43537, .43548
Ca3179,ppm, 49.029,.17244,.35170, 49.226, 48.956, 48.905
Cd2288,ppm, .41736,.00097,.23146, .41647, .41722, .41839
Co2286,ppm, .40110,.00045,.11201, .40107, .40067, .40157
Cr2677,ppm, .43657,.00023,.05227, .43633, .43678, .43659
Cu3247,ppm, .37563,.00044,.11807, .37614, .37546, .37530
Fe2599,ppm, 47.072,.20650,.43869, 47.310, 46.950, 46.956
K_7664,ppm, 44.909,.18734,.41716, 45.118, 44.853, 44.756
Li6707,ppm, .36919,.00225,.60885, .37133, .36940, .36685
Mg2790,ppm, 48.678,.23763,.48816, 48.948, 48.585, 48.501
Mn2576,ppm, .38712,.00093,.23909, .38726, .38797, .38614
Mo2020,ppm, .40440,.00141,.34904, .40356, .40362, .40603
Na5895,ppm, 46.853,.16998,.36280, 47.048, 46.773, 46.737
Ni2316,ppm, .41115,.00059,.14249, .41062, .41105, .41178
Pb2203,ppm, .40302,.00195,.48446, .40232, .40523, .40152
Sb2068,ppm, .41588,.00095,.22835, .41614, .41483, .41668
Se1960,ppm, .42236,.00147,.34861, .42080, .42255, .42372
Sn1899,ppm, .41134,.00120,.29275, .40995, .41216, .41190
Sr4077,ppm, .35127,.00135,.38310, .35281, .35037, .35062
Ti3349,ppm, .39716,.00022,.05615, .39737, .39716, .39693
Tl1908,ppm, .40882,.00101,.24607, .40801, .40995, .40850
V_2924,ppm, .38968,.00111,.28606, .38971, .39078, .38855
Zn2138,ppm, .42693,.00106,.24819, .42591, .42686, .42803

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 770.50,1.8115,.23510,772.42,770.25,768.82
Y_2243,Cts/S, 4302.4,10.271,.23873,4312.5,4302.6,4292.0
Y_3710,Cts/S, 85968.,239.49,.27858,85992.,85717.,86194.
Y_3710-2,Cts/S, 9311.4,56.672,.60863,9263.7,9296.4,9374.0

[Sample Header]
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SampleName=T59295-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:13:44
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00508,.00065,12.817, .00583, .00473, .00467
Al3961,ppm, .56768,.02793,4.9205, .56176, .59810, .54318
As1890,ppm, .01404,.00388,27.653, .01038, .01811, .01363
B_2089,ppm, 1.8412,.00794,.43131, 1.8403, 1.8338, 1.8496
Ba4554,ppm, .06680,.00017,.25078, .06689, .06661, .06691
Be3130,ppm, .00001,.00003,249.97, .00004, .00000, -.00001
Ca3179,ppm, 182.51,.48994,.26845, 182.91, 182.64, 181.96
Cd2288,ppm, .00053,.00047,88.689, .00108, .00027, .00025
Co2286,ppm, -.00003,.00077,2768.7, -.00073, -.00015, .00080
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Cr2677,ppm, .00373,.00283,75.863, .00149, .00280, .00692
Cu3247,ppm, .01553,.00123,7.9152, .01601, .01645, .01414
Fe2599,ppm, .38572,.00398,1.0311, .38997, .38511, .38209
K_7664,ppm, 144.68,.30650,.21185, 145.02, 144.59, 144.43
Li6707,ppm, .09539,.00117,1.2245, .09404, .09599, .09613
Mg2790,ppm, 516.15,2.3120,.44793, 517.94, 516.97, 513.54
Mn2576,ppm, .02336,.00034,1.4476, .02351, .02360, .02297
Mo2020,ppm, .00589,.00056,9.5243, .00652, .00547, .00567
Na5895,ppm, 3880.8,24.072,.62028, 3862.4, 3908.0, 3871.9
Ni2316,ppm, -.00348,.00163,46.902, -.00165, -.00401, -.00478
Pb2203,ppm, .00230,.00266,115.80, .00300, .00453, -.00064
Sb2068,ppm, .00234,.00319,136.48, .00274, .00530, -.00104
Se1960,ppm, .00307,.00882,287.84, .01265, .00127, -.00472
Sn1899,ppm, -.00148,.00176,119.01, -.00160, .00034, -.00317
Sr4077,ppm, 2.8525,.00629,.22043, 2.8575, 2.8546, 2.8454
Ti3349,ppm, .01954,.00022,1.1328, .01928, .01964, .01968
Tl1908,ppm, .00277,.00341,123.41, -.00091, .00584, .00336
V_2924,ppm, .00326,.00088,26.966, .00403, .00230, .00345
Zn2138,ppm, -.00645,.00041,6.3647, -.00646, -.00686, -.00604

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 708.63,2.9240,.41263,711.13,709.35,705.42
Y_2243,Cts/S, 3981.5,20.502,.51493,4001.0,3983.4,3960.1
Y_3710,Cts/S, 79171.,70.633,.08922,79171.,79242.,79101.
Y_3710-2,Cts/S, 9076.5,6.0190,.06631,9069.6,9079.4,9080.5

[Sample Header]
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SampleName=MP12740-D1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:19:30
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00234,.00268,114.42, -.00061, .00461, .00302
Al3961,ppm, .61012,.01607,2.6332, .62474, .59292, .61269
As1890,ppm, .00769,.00751,97.679, .01628, .00440, .00239
B_2089,ppm, 1.8009,.00925,.51384, 1.8002, 1.7921, 1.8105
Ba4554,ppm, .06469,.00012,.18571, .06456, .06478, .06474
Be3130,ppm, -.00005,.00005,103.26, -.00003, -.00001, -.00011
Ca3179,ppm, 180.46,.45599,.25268, 180.03, 180.42, 180.93
Cd2288,ppm, .00147,.00067,45.666, .00136, .00219, .00086
Co2286,ppm, -.00003,.00122,4745.9, .00044, -.00141, .00090
Cr2677,ppm, .00270,.00067,24.945, .00195, .00327, .00287
Cu3247,ppm, .01201,.00116,9.6583, .01123, .01335, .01146
Fe2599,ppm, .39918,.00853,2.1376, .38933, .40387, .40433
K_7664,ppm, 145.49,.47997,.32989, 144.99, 145.55, 145.94
Li6707,ppm, .09644,.00201,2.0859, .09872, .09491, .09569
Mg2790,ppm, 513.01,2.3282,.45383, 511.32, 512.05, 515.67
Mn2576,ppm, .02357,.00015,.64112, .02343, .02354, .02373
Mo2020,ppm, .00524,.00021,4.0263, .00500, .00536, .00537
Na5895,ppm, 3805.0,12.994,.34150, 3790.4, 3809.3, 3815.3
Ni2316,ppm, -.00249,.00149,59.718, -.00135, -.00417, -.00195
Pb2203,ppm, -.00089,.00188,210.63, -.00131, -.00253, .00116
Sb2068,ppm, .00611,.00841,137.53, .01503, -.00167, .00498
Se1960,ppm, .00439,.00258,58.818, .00442, .00180, .00696
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Sn1899,ppm, -.00529,.00322,60.866, -.00278, -.00417, -.00892
Sr4077,ppm, 2.8586,.00741,.25907, 2.8536, 2.8551, 2.8672
Ti3349,ppm, .02050,.00248,12.093, .02334, .01882, .01932
Tl1908,ppm, -.00326,.00406,124.34, -.00765, .00036, -.00250
V_2924,ppm, .00492,.00188,38.166, .00372, .00396, .00708
Zn2138,ppm, -.00702,.00035,4.9396, -.00730, -.00713, -.00663

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 707.91,3.4457,.48675,707.62,711.49,704.62
Y_2243,Cts/S, 4013.4,13.125,.32704,4021.9,4020.0,3998.3
Y_3710,Cts/S, 77258.,308.58,.39942,77524.,77331.,76920.
Y_3710-2,Cts/S, 8823.4,24.471,.27735,8850.2,8802.2,8817.7

[Sample Header]
Method=icapns(v488)
SampleName=MP12740-SD1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:25:19
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01799,.01324,73.605, .01353, .00755, .03288
Al3961,ppm, .72409,.12107,16.721, .60555, .84755, .71918
As1890,ppm, .00666,.03195,479.50, -.02967, .03037, .01929
B_2089,ppm, 1.8750,.01413,.75381, 1.8837, 1.8825, 1.8587
Ba4554,ppm, .05902,.00223,3.7757, .05688, .06133, .05885
Be3130,ppm, -.00056,.00019,34.613, -.00063, -.00034, -.00070
Ca3179,ppm, 182.23,.23902,.13116, 182.45, 181.98, 182.26
Cd2288,ppm, .00623,.00411,65.859, .00338, .01094, .00438
Co2286,ppm, -.00297,.00689,232.29, -.00613, .00494, -.00771
Cr2677,ppm, .00673,.00541,80.470, .00096, .00752, .01170
Cu3247,ppm, .05315,.00577,10.848, .05975, .05064, .04907
Fe2599,ppm, .58616,.02905,4.9553, .55398, .61042, .59409
K_7664,ppm, 140.96,.58979,.41840, 140.90, 140.40, 141.58
Li6707,ppm, .09303,.03989,42.884, .06948, .13909, .07052
Mg2790,ppm, 515.79,1.3799,.26753, 515.64, 514.49, 517.24
Mn2576,ppm, .03741,.00087,2.3179, .03799, .03781, .03641
Mo2020,ppm, .00539,.00410,76.047, .00996, .00205, .00415
Na5895,ppm, 3934.1,34.143,.86788, 3897.9, 3965.8, 3938.5
Ni2316,ppm, -.00623,.01019,163.59, .00247, -.00371, -.01745
Pb2203,ppm, -.01010,.01598,158.27, -.02586, -.01053, .00610
Sb2068,ppm, .00186,.04526,2428.9, -.03317, -.01420, .05296
Se1960,ppm, .08344,.03425,41.043, .10767, .09839, .04426
Sn1899,ppm, -.00963,.00513,53.199, -.01555, -.00654, -.00681
Sr4077,ppm, 2.8011,.00638,.22777, 2.8078, 2.7951, 2.8003
Ti3349,ppm, .02786,.00531,19.051, .03396, .02528, .02433
Tl1908,ppm, .00898,.01986,221.15, .02504, -.01322, .01511
V_2924,ppm, -.00022,.01128,5045.1, -.01325, .00634, .00624
Zn2138,ppm, .04366,.00108,2.4666, .04491, .04310, .04299

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 801.87,1.7499,.21822,802.63,803.12,799.87
Y_2243,Cts/S, 4311.2,18.789,.43583,4321.5,4322.6,4289.5
Y_3710,Cts/S, 84617.,432.71,.51138,84553.,85078.,84220.
Y_3710-2,Cts/S, 9155.7,1.1395,.01245,9156.0,9156.6,9154.4
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[Sample Header]
Method=icapns(v488)
SampleName=MP12740-S1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:31:08
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .37509,.00258,.68912, .37225, .37729, .37574
Al3961,ppm, 46.889,.25893,.55223, 46.672, 46.821, 47.176
As1890,ppm, .44107,.00524,1.1877, .44709, .43862, .43751
B_2089,ppm, 2.7801,.01591,.57238, 2.7652, 2.7781, 2.7969
Ba4554,ppm, .45967,.00098,.21428, .45855, .46008, .46038
Be3130,ppm, .43231,.00065,.15139, .43201, .43306, .43185
Ca3179,ppm, 227.73,.41606,.18270, 227.27, 227.81, 228.09
Cd2288,ppm, .41890,.00125,.29869, .41764, .41892, .42014
Co2286,ppm, .39005,.00189,.48500, .39206, .38831, .38977
Cr2677,ppm, .43318,.00258,.59571, .43206, .43613, .43134
Cu3247,ppm, .38542,.00371,.96352, .38864, .38136, .38628
Fe2599,ppm, 46.975,.22564,.48034, 46.774, 46.932, 47.219
K_7664,ppm, 188.39,.69670,.36982, 187.79, 188.22, 189.15
Li6707,ppm, .45761,.00139,.30405, .45705, .45919, .45658
Mg2790,ppm, 558.66,2.0570,.36820, 556.47, 558.94, 560.56
Mn2576,ppm, .40866,.00151,.36881, .40795, .40765, .41040
Mo2020,ppm, .40236,.00006,.01528, .40238, .40242, .40230
Na5895,ppm, 3792.6,24.327,.64143, 3766.5, 3814.6, 3796.8
Ni2316,ppm, .40292,.00087,.21555, .40198, .40309, .40369
Pb2203,ppm, .39212,.00385,.98066, .39332, .39523, .38782
Sb2068,ppm, .41656,.00364,.87297, .42067, .41373, .41529
Se1960,ppm, .43114,.00390,.90505, .43564, .42865, .42914
Sn1899,ppm, .39242,.00308,.78542, .38890, .39377, .39460
Sr4077,ppm, 3.1716,.01292,.40731, 3.1593, 3.1706, 3.1850
Ti3349,ppm, .41859,.00156,.37364, .41845, .42022, .41710
Tl1908,ppm, .38399,.00134,.34852, .38551, .38298, .38347
V_2924,ppm, .39290,.00088,.22311, .39276, .39211, .39384
Zn2138,ppm, .42458,.00116,.27383, .42362, .42423, .42587

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 697.61,3.2673,.46835,697.13,701.09,694.61
Y_2243,Cts/S, 3986.4,13.195,.33101,3994.2,3993.9,3971.2
Y_3710,Cts/S, 78357.,316.93,.40447,78702.,78079.,78290.
Y_3710-2,Cts/S, 8925.3,37.990,.42564,8969.0,8906.6,8900.1

[Sample Header]
Method=icapns(v488)
SampleName=MP12740-S2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:36:42
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .36851,.00012,.03149, .36844, .36845, .36864
Al3961,ppm, 46.432,.29556,.63654, 46.735, 46.417, 46.145
As1890,ppm, .42508,.00314,.73977, .42673, .42145, .42706
B_2089,ppm, 2.7049,.00836,.30898, 2.6964, 2.7054, 2.7131
Ba4554,ppm, .44952,.00033,.07232, .44987, .44944, .44923
Be3130,ppm, .42532,.00009,.02074, .42525, .42529, .42542
Ca3179,ppm, 221.81,.42550,.19183, 222.17, 221.91, 221.34
Cd2288,ppm, .41026,.00182,.44398, .40887, .40959, .41232
Co2286,ppm, .37983,.00127,.33478, .37861, .37973, .38115
Cr2677,ppm, .42684,.00119,.27970, .42735, .42770, .42548
Cu3247,ppm, .37697,.00337,.89298, .37309, .37867, .37915
Fe2599,ppm, 46.383,.16442,.35448, 46.489, 46.466, 46.193
K_7664,ppm, 184.28,.55288,.30002, 184.63, 184.57, 183.64
Li6707,ppm, .44868,.00103,.22969, .44833, .44985, .44788
Mg2790,ppm, 543.74,1.5280,.28101, 544.82, 544.41, 541.99
Mn2576,ppm, .40086,.00129,.32133, .40005, .40019, .40235
Mo2020,ppm, .39318,.00136,.34617, .39351, .39168, .39434
Na5895,ppm, 3693.0,45.928,1.2436, 3744.3, 3679.3, 3655.5
Ni2316,ppm, .39628,.00035,.08789, .39598, .39620, .39666
Pb2203,ppm, .38835,.00192,.49495, .39001, .38880, .38625
Sb2068,ppm, .41410,.00859,2.0739, .41920, .40418, .41891
Se1960,ppm, .43617,.00851,1.9515, .44549, .43422, .42880
Sn1899,ppm, .38665,.00284,.73477, .38604, .38417, .38975
Sr4077,ppm, 3.0882,.01205,.39018, 3.0966, 3.0936, 3.0744
Ti3349,ppm, .41822,.00679,1.6239, .41426, .41433, .42606
Tl1908,ppm, .37981,.00151,.39883, .38150, .37856, .37938
V_2924,ppm, .38566,.00098,.25503, .38514, .38504, .38679
Zn2138,ppm, .41658,.00172,.41332, .41589, .41530, .41854

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 708.34,2.1269,.30026,707.15,710.79,707.07
Y_2243,Cts/S, 4055.9,9.6846,.16235,4056.0,4062.5,4049.3
Y_3710,Cts/S, 78740.,280.94,.35680,78427.,78970.,78824.
Y_3710-2,Cts/S, 8877.8,48.261,.54362,8826.2,8921.8,8885.4

[Sample Header]
Method=icapns(v488)
SampleName=T59295-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:42:16
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00145,.00290,200.10, .00435, .00145, -.00145
Al3961,ppm, .59605,.02877,4.8270, .62048, .60332, .56434
As1890,ppm, -.00120,.00395,328.80, -.00055, .00238, -.00543
B_2089,ppm, 1.8169,.00192,.10586, 1.8158, 1.8191, 1.8158
Ba4554,ppm, .06614,.00175,2.6483, .06413, .06702, .06728
Be3130,ppm, -.00004,.00006,123.85, -.00009, -.00006, .00002
Ca3179,ppm, 184.67,.53180,.28797, 184.11, 185.16, 184.75
Cd2288,ppm, .00034,.00085,250.27, .00029, -.00049, .00122
Co2286,ppm, .00072,.00093,129.59, .00130, -.00036, .00121
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Cr2677,ppm, .00216,.00159,73.896, .00096, .00154, .00397
Cu3247,ppm, .01447,.00154,10.673, .01285, .01462, .01593
Fe2599,ppm, .41261,.00909,2.2030, .41616, .41939, .40228
K_7664,ppm, 146.80,.41125,.28015, 146.43, 147.24, 146.72
Li6707,ppm, .09094,.00568,6.2499, .08852, .09743, .08686
Mg2790,ppm, 527.37,1.6521,.31326, 525.68, 528.98, 527.45
Mn2576,ppm, .02551,.00041,1.6101, .02555, .02507, .02589
Mo2020,ppm, .00489,.00029,5.8898, .00516, .00459, .00492
Na5895,ppm, 3787.3,27.814,.73440, 3816.2, 3760.7, 3784.9
Ni2316,ppm, -.00200,.00115,57.689, -.00265, -.00268, -.00067
Pb2203,ppm, -.00332,.00383,115.58, -.00533, .00110, -.00573
Sb2068,ppm, .00034,.00258,755.87, -.00099, -.00129, .00331
Se1960,ppm, .00079,.01274,1608.1, -.00587, .01548, -.00723
Sn1899,ppm, -.00284,.00145,51.208, -.00359, -.00376, -.00116
Sr4077,ppm, 2.8791,.00994,.34523, 2.8688, 2.8886, 2.8799
Ti3349,ppm, .02026,.00231,11.418, .01893, .01892, .02293
Tl1908,ppm, .00088,.00289,326.64, -.00220, .00132, .00353
V_2924,ppm, .00474,.00158,33.408, .00541, .00588, .00293
Zn2138,ppm, -.00807,.00032,3.9961, -.00842, -.00799, -.00779

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 720.41,3.6213,.50268,722.75,722.23,716.24
Y_2243,Cts/S, 4068.5,16.254,.39951,4071.0,4083.3,4051.1
Y_3710,Cts/S, 78361.,318.33,.40624,78729.,78182.,78172.
Y_3710-2,Cts/S, 8881.2,18.578,.20918,8883.0,8861.8,8898.8

[Sample Header]
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Custom ID3=
Run Time=9/6/2010 18:48:01
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00089,.00161,181.61, -.00059, .00065, .00260
Al3961,ppm, .55229,.02482,4.4939, .54666, .57944, .53077
As1890,ppm, -.00040,.01002,2483.7, .00181, -.01134, .00832
B_2089,ppm, 3.5177,.01538,.43709, 3.5068, 3.5111, 3.5353
Ba4554,ppm, .03147,.00085,2.6872, .03214, .03175, .03052
Be3130,ppm, -.00012,.00004,29.227, -.00008, -.00015, -.00013
Ca3179,ppm, 314.23,.44972,.14312, 313.94, 314.01, 314.75
Cd2288,ppm, .00054,.00096,177.46, .00130, -.00054, .00086
Co2286,ppm, .00023,.00036,154.90, .00062, .00016, -.00008
Cr2677,ppm, .00323,.00153,47.536, .00399, .00146, .00424
Cu3247,ppm, .01274,.00080,6.2550, .01261, .01202, .01360
Fe2599,ppm, .38363,.00392,1.0226, .38518, .38655, .37917
K_7664,ppm, 288.02,.76952,.26717, 287.43, 287.74, 288.89
Li6707,ppm, .17203,.00495,2.8770, .17476, .17501, .16632
Mg2790,ppm, 1011.5,1.0705,.10584, 1011.3, 1010.5, 1012.6
Mn2576,ppm, .01857,.00020,1.0976, .01881, .01850, .01842
Mo2020,ppm, .00840,.00084,9.9460, .00889, .00744, .00889
Na5895,ppm, 6790.0,28.949,.42635, 6771.0, 6823.3, 6775.7
Ni2316,ppm, -.00616,.00066,10.652, -.00605, -.00687, -.00557
Pb2203,ppm, -.00281,.00325,115.93, -.00652, -.00047, -.00143
Sb2068,ppm, -.00091,.00372,408.69, .00241, -.00494, -.00020
Se1960,ppm, .01668,.01888,113.22, -.00497, .02522, .02977
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Sn1899,ppm, -.00433,.00186,42.923, -.00221, -.00568, -.00511
Sr4077,ppm, 5.4848,.01326,.24167, 5.4750, 5.4794, 5.4998
Ti3349,ppm, .02322,.00190,8.1712, .02529, .02280, .02157
Tl1908,ppm, .00120,.00158,131.68, .00073, .00296, -.00009
V_2924,ppm, .00269,.00052,19.413, .00296, .00209, .00303
Zn2138,ppm, -.02467,.00028,1.1226, -.02454, -.02499, -.02448

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 663.24,1.3081,.19724,662.00,664.60,663.10
Y_2243,Cts/S, 3836.7,8.8880,.23166,3829.1,3846.5,3834.6
Y_3710,Cts/S, 73766.,206.79,.28034,73634.,74005.,73661.
Y_3710-2,Cts/S, 8672.5,24.422,.28160,8675.1,8695.5,8646.9

[Sample Header]
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SampleName=T59295-4
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:53:47
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00407,.00034,8.2819, .00444, .00379, .00399
Al3961,ppm, .64299,.01321,2.0552, .62848, .64613, .65434
As1890,ppm, -.00167,.00457,274.28, -.00648, .00263, -.00115
B_2089,ppm, 3.5915,.00196,.05451, 3.5930, 3.5893, 3.5921
Ba4554,ppm, .02236,.00033,1.4907, .02259, .02198, .02252
Be3130,ppm, -.00010,.00000,3.6644, -.00010, -.00010, -.00010
Ca3179,ppm, 317.43,.53730,.16927, 318.03, 317.23, 317.01
Cd2288,ppm, .00071,.00091,129.03, -.00010, .00052, .00170
Co2286,ppm, -.00040,.00047,118.39, .00015, -.00069, -.00065
Cr2677,ppm, .00333,.00120,36.091, .00443, .00351, .00205
Cu3247,ppm, .01410,.00046,3.2678, .01452, .01361, .01416
Fe2599,ppm, .43737,.00583,1.3339, .43094, .44232, .43886
K_7664,ppm, 290.59,.78800,.27117, 291.28, 290.76, 289.73
Li6707,ppm, .17540,.00380,2.1646, .17977, .17300, .17342
Mg2790,ppm, 1031.9,2.1703,.21032, 1034.4, 1030.3, 1031.0
Mn2576,ppm, .02599,.00022,.84213, .02581, .02623, .02591
Mo2020,ppm, .00839,.00031,3.6874, .00819, .00875, .00824
Na5895,ppm, 6736.2,51.614,.76621, 6702.3, 6795.6, 6710.8
Ni2316,ppm, -.00715,.00035,4.8539, -.00738, -.00675, -.00731
Pb2203,ppm, -.00211,.00462,218.89, -.00709, -.00127, .00203
Sb2068,ppm, -.00148,.00758,512.34, -.00331, .00684, -.00797
Se1960,ppm, -.00241,.01312,544.70, .00994, -.01619, -.00098
Sn1899,ppm, -.00552,.00268,48.643, -.00245, -.00743, -.00667
Sr4077,ppm, 5.5110,.01851,.33582, 5.5298, 5.5103, 5.4928
Ti3349,ppm, .02829,.00163,5.7745, .02877, .02647, .02962
Tl1908,ppm, -.00147,.00230,156.43, -.00358, .00098, -.00181
V_2924,ppm, .00045,.00427,950.24, .00475, -.00379, .00039
Zn2138,ppm, -.02775,.00032,1.1623, -.02794, -.02794, -.02738

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 673.01,1.4720,.21871,673.43,674.23,671.38
Y_2243,Cts/S, 3886.6,10.735,.27620,3874.3,3894.2,3891.2
Y_3710,Cts/S, 74975.,86.397,.11523,75073.,74941.,74910.
Y_3710-2,Cts/S, 8777.9,9.8146,.11181,8771.5,8789.2,8773.1
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[Sample Header]
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SampleName=CCV
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 18:59:33
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22631,.00072,.31890, .22674, .22548, .22671,Chk Pass,,
Al3961,ppm, 36.213,.16787,.46357, 36.291, 36.328, 36.021,Chk Pass,,
As1890,ppm, 2.0472,.00256,.12525, 2.0477, 2.0444, 2.0494,Chk Pass,,
B_2089,ppm, 2.1133,.00511,.24160, 2.1100, 2.1106, 2.1191,Chk Pass,,
Ba4554,ppm, 1.9477,.00087,.04489, 1.9477, 1.9486, 1.9469,Chk Pass,,
Be3130,ppm, 2.0776,.01028,.49468, 2.0796, 2.0868, 2.0665,Chk Pass,,
Ca3179,ppm, 39.778,.12688,.31898, 39.884, 39.811, 39.637,Chk Pass,,
Cd2288,ppm, 1.9995,.00699,.34951, 1.9944, 1.9966, 2.0074,Chk Pass,,
Co2286,ppm, 1.9813,.00633,.31927, 1.9817, 1.9748, 1.9874,Chk Pass,,
Cr2677,ppm, 2.0924,.00179,.08576, 2.0943, 2.0907, 2.0923,Chk Pass,,
Cu3247,ppm, 1.8052,.00398,.22034, 1.8086, 1.8061, 1.8008,Chk Pass,,
Fe2599,ppm, 38.435,.15379,.40014, 38.554, 38.488, 38.261,Chk Pass,,
K_7664,ppm, 36.774,.15429,.41958, 36.915, 36.796, 36.609,Chk Pass,,
Li6707,ppm, 1.8567,.00614,.33053, 1.8593, 1.8611, 1.8497,Chk Pass,,
Mg2790,ppm, 39.861,.19049,.47788, 39.992, 39.949, 39.643,Chk Pass,,
Mn2576,ppm, 1.9036,.00447,.23466, 1.9087, 1.9016, 1.9004,Chk Pass,,
Mo2020,ppm, 1.9418,.00669,.34433, 1.9383, 1.9376, 1.9495,Chk Pass,,
Na5895,ppm, 38.355,.15204,.39639, 38.471, 38.411, 38.183,Chk Pass,,
Ni2316,ppm, 2.0082,.00355,.17660, 2.0114, 2.0044, 2.0087,Chk Pass,,
Pb2203,ppm, 1.9630,.00292,.14874, 1.9656, 1.9599, 1.9635,Chk Pass,,
Sb2068,ppm, 2.0316,.00134,.06609, 2.0321, 2.0301, 2.0326,Chk Pass,,
Se1960,ppm, 2.0103,.00522,.25947, 2.0163, 2.0077, 2.0068,Chk Pass,,
Sn1899,ppm, 2.0159,.00640,.31746, 2.0157, 2.0096, 2.0224,Chk Pass,,
Sr4077,ppm, 1.8416,.00773,.41956, 1.8471, 1.8449, 1.8327,Chk Pass,,
Ti3349,ppm, 1.9276,.00318,.16489, 1.9312, 1.9263, 1.9252,Chk Pass,,
Tl1908,ppm, 1.9902,.00309,.15528, 1.9927, 1.9867, 1.9912,Chk Pass,,
V_2924,ppm, 1.9066,.00111,.05813, 1.9072, 1.9054, 1.9074,Chk Pass,,
Zn2138,ppm, 2.0652,.00591,.28622, 2.0624, 2.0611, 2.0719,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 776.29,1.8359,.23650,777.41,777.29,774.17
Y_2243,Cts/S, 4344.3,21.173,.48736,4363.5,4347.9,4321.6
Y_3710,Cts/S, 86024.,205.27,.23862,86095.,86185.,85793.
Y_3710-2,Cts/S, 9085.0,47.337,.52104,9038.3,9132.9,9083.9

[Sample Header]
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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 19:05:02
Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00105,.00033,30.896, .00133, .00070, .00113,Chk Pass,,
Al3961,ppm, .00848,.00358,42.182, .00465, .01173, .00904,Chk Pass,,
As1890,ppm, .00002,.00066,3704.4, -.00018, .00075, -.00053,Chk Pass,,
B_2089,ppm, .00488,.00042,8.6434, .00524, .00499, .00441,Chk Pass,,
Ba4554,ppm, -.00004,.00008,185.39, .00005, -.00007, -.00010,Chk Pass,,
Be3130,ppm, .00002,.00001,46.812, .00004, .00003, .00001,Chk Pass,,
Ca3179,ppm, .03995,.00139,3.4898, .03942, .03890, .04153,Chk Pass,,
Cd2288,ppm, .00005,.00009,163.42, .00011, .00010, -.00005,Chk Pass,,
Co2286,ppm, .00023,.00018,77.641, .00016, .00010, .00044,Chk Pass,,
Cr2677,ppm, .00012,.00021,169.74, .00024, -.00012, .00025,Chk Pass,,
Cu3247,ppm, .00132,.00013,9.6979, .00128, .00121, .00146,Chk Pass,,
Fe2599,ppm, .00137,.00040,29.589, .00102, .00181, .00127,Chk Pass,,
K_7664,ppm, .03877,.01173,30.259, .03889, .02698, .05044,Chk Pass,,
Li6707,ppm, .00023,.00138,590.88, .00053, .00144, -.00127,Chk Pass,,
Mg2790,ppm, .06879,.01362,19.803, .08032, .07228, .05376,Chk Pass,,
Mn2576,ppm, .00018,.00003,14.918, .00021, .00016, .00017,Chk Pass,,
Mo2020,ppm, .00006,.00015,262.06, .00012, -.00011, .00016,Chk Pass,,
Na5895,ppm, .67102,.00683,1.0171, .67118, .67776, .66412,Chk Pass,,
Ni2316,ppm, -.00011,.00007,67.328, -.00016, -.00014, -.00002,Chk Pass,,
Pb2203,ppm, -.00090,.00073,81.255, -.00095, -.00161, -.00014,Chk Pass,,
Sb2068,ppm, .00013,.00082,642.13, -.00062, .00100, .00000,Chk Pass,,
Se1960,ppm, .00041,.00241,592.20, .00243, .00105, -.00226,Chk Pass,,
Sn1899,ppm, .00009,.00075,870.29, .00006, -.00065, .00085,Chk Pass,,
Sr4077,ppm, .00041,.00005,11.793, .00041, .00047, .00037,Chk Pass,,
Ti3349,ppm, -.00021,.00011,51.334, -.00023, -.00032, -.00010,Chk Pass,,
Tl1908,ppm, .00084,.00091,110.34, .00143, .00133, -.00023,Chk Pass,,
V_2924,ppm, .00007,.00028,424.78, .00008, .00033, -.00022,Chk Pass,,
Zn2138,ppm, .00079,.00004,4.8230, .00075, .00080, .00083,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 872.06,1.9724,.22617,870.25,874.16,871.75
Y_2243,Cts/S, 4513.4,7.6042,.16848,4504.7,4517.4,4518.3
Y_3710,Cts/S, 88326.,214.74,.24312,88545.,88116.,88316.
Y_3710-2,Cts/S, 9111.4,13.773,.15117,9126.7,9107.7,9099.9

[Sample Header]
Method=icapns(v488)
SampleName=T59296-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 19:10:43
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00322,.00232,72.019, .00370, .00070, .00527
Al3961,ppm, .01086,.01728,159.21, .01325, .02682, -.00750
As1890,ppm, .00033,.01159,3523.3, -.00894, .01332, -.00340
B_2089,ppm, .01955,.00187,9.5908, .02143, .01953, .01768
Ba4554,ppm, -.00113,.00057,50.014, -.00147, -.00145, -.00048
Be3130,ppm, -.00008,.00005,65.505, -.00011, -.00009, -.00002
Ca3179,ppm, .11391,.00961,8.4334, .10293, .12073, .11808
Cd2288,ppm, .00065,.00037,56.627, .00107, .00036, .00054
Co2286,ppm, -.00011,.00072,647.03, .00042, .00018, -.00093
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Cr2677,ppm, .00163,.00072,44.115, .00080, .00203, .00206
Cu3247,ppm, .00787,.00028,3.5260, .00806, .00801, .00756
Fe2599,ppm, .01174,.00407,34.679, .01633, .01034, .00856
K_7664,ppm, .11068,.04419,39.927, .16171, .08510, .08523
Li6707,ppm, .00013,.00431,3251.3, .00489, -.00099, -.00351
Mg2790,ppm, .03201,.06102,190.62, .06906, -.03842, .06538
Mn2576,ppm, .00099,.00013,13.160, .00112, .00100, .00086
Mo2020,ppm, -.00037,.00081,218.65, -.00105, -.00058, .00052
Na5895,ppm, 1.0786,.01729,1.6029, 1.0606, 1.0800, 1.0951
Ni2316,ppm, -.00040,.00016,40.674, -.00025, -.00039, -.00057
Pb2203,ppm, -.00086,.00532,619.68, -.00285, -.00489, .00517
Sb2068,ppm, .00353,.00174,49.219, .00304, .00547, .00209
Se1960,ppm, .00365,.00986,270.32, -.00517, .00182, .01430
Sn1899,ppm, -.00021,.00185,886.08, -.00116, .00192, -.00139
Sr4077,ppm, .00051,.00046,91.105, -.00002, .00073, .00081
Ti3349,ppm, -.00249,.00051,20.398, -.00238, -.00304, -.00204
Tl1908,ppm, .00107,.00128,119.89, .00122, -.00028, .00226
V_2924,ppm, .00075,.00055,73.124, .00056, .00138, .00033
Zn2138,ppm, .00907,.00030,3.2971, .00911, .00876, .00935

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 874.23,1.3164,.15058,873.40,875.75,873.55
Y_2243,Cts/S, 4557.5,9.0464,.19849,4552.6,4567.9,4551.9
Y_3710,Cts/S, 88568.,284.73,.32148,88840.,88272.,88594.
Y_3710-2,Cts/S, 9217.4,42.313,.45905,9168.5,9241.2,9242.4

[Sample Header]
Method=icapns(v488)
SampleName=T59296-5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 19:16:24
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00246,.00160,65.102, .00094, .00413, .00231
Al3961,ppm, .36372,.06263,17.219, .31762, .33852, .43503
As1890,ppm, .00030,.00964,3213.3, .01007, .00002, -.00919
B_2089,ppm, 2.4463,.01243,.50799, 2.4375, 2.4409, 2.4605
Ba4554,ppm, .04947,.00081,1.6308, .04964, .05018, .04859
Be3130,ppm, -.00011,.00006,54.385, -.00005, -.00017, -.00012
Ca3179,ppm, 234.37,.40601,.17323, 234.54, 234.67, 233.91
Cd2288,ppm, .00064,.00020,31.527, .00085, .00063, .00044
Co2286,ppm, .00126,.00055,43.420, .00170, .00145, .00065
Cr2677,ppm, .00271,.00086,31.846, .00264, .00188, .00361
Cu3247,ppm, .01380,.00115,8.3481, .01248, .01431, .01461
Fe2599,ppm, .25434,.00476,1.8733, .25104, .25219, .25980
K_7664,ppm, 197.69,.54308,.27471, 197.74, 198.21, 197.13
Li6707,ppm, .12631,.00360,2.8483, .12347, .12511, .13035
Mg2790,ppm, 711.39,2.0079,.28225, 711.98, 713.05, 709.16
Mn2576,ppm, .01263,.00008,.60514, .01268, .01254, .01267
Mo2020,ppm, .00666,.00068,10.187, .00623, .00744, .00631
Na5895,ppm, 5075.5,37.570,.74022, 5058.9, 5118.5, 5049.1
Ni2316,ppm, -.00470,.00111,23.641, -.00346, -.00505, -.00560
Pb2203,ppm, -.00542,.00535,98.612, -.00273, -.00196, -.01158
Sb2068,ppm, -.00413,.00554,134.28, -.00328, -.01005, .00094
Se1960,ppm, .00558,.01051,188.37, .01443, -.00604, .00835
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Sn1899,ppm, -.00482,.00030,6.2862, -.00499, -.00447, -.00499
Sr4077,ppm, 3.8129,.00629,.16486, 3.8152, 3.8177, 3.8058
Ti3349,ppm, .01874,.00317,16.906, .01509, .02045, .02069
Tl1908,ppm, .00005,.00686,12568., -.00609, -.00121, .00746
V_2924,ppm, .00287,.00282,98.125, .00456, .00443, -.00038
Zn2138,ppm, -.01532,.00069,4.5004, -.01497, -.01612, -.01488

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 695.54,1.6826,.24192,697.09,695.79,693.75
Y_2243,Cts/S, 3973.6,17.305,.43550,3992.1,3970.9,3957.8
Y_3710,Cts/S, 76953.,142.98,.18581,77116.,76850.,76892.
Y_3710-2,Cts/S, 8829.4,25.462,.28838,8850.3,8801.0,8836.8

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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00348,.00104,29.886, .00296, .00281, .00468
Al3961,ppm, .12104,.03539,29.235, .13397, .14814, .08101
As1890,ppm, -.00112,.01110,991.62, .00579, -.01392, .00477
B_2089,ppm, 3.0883,.00886,.28676, 3.0850, 3.0815, 3.0983
Ba4554,ppm, .02982,.00037,1.2502, .02974, .02949, .03022
Be3130,ppm, -.00006,.00005,91.841, -.00006, .00000, -.00010
Ca3179,ppm, 286.63,.65703,.22923, 286.84, 285.89, 287.16
Cd2288,ppm, .00106,.00034,32.319, .00067, .00129, .00123
Co2286,ppm, -.00036,.00061,168.87, -.00051, .00031, -.00089
Cr2677,ppm, .00379,.00169,44.677, .00225, .00351, .00560
Cu3247,ppm, .04768,.00320,6.7086, .05088, .04768, .04449
Fe2599,ppm, .05253,.00494,9.4102, .04707, .05382, .05670
K_7664,ppm, 257.77,.49658,.19265, 258.05, 257.19, 258.06
Li6707,ppm, .15461,.00291,1.8822, .15791, .15354, .15240
Mg2790,ppm, 915.85,3.0362,.33151, 917.94, 912.37, 917.25
Mn2576,ppm, .00526,.00011,2.0660, .00514, .00533, .00532
Mo2020,ppm, .00730,.00055,7.4788, .00790, .00715, .00684
Na5895,ppm, 6107.9,59.643,.97649, 6176.2, 6066.5, 6080.9
Ni2316,ppm, -.00184,.00027,14.665, -.00160, -.00179, -.00213
Pb2203,ppm, -.00275,.00676,245.72, .00427, -.00921, -.00331
Sb2068,ppm, -.00782,.00545,69.685, -.01157, -.01034, -.00157
Se1960,ppm, .01007,.00219,21.725, .00777, .01212, .01031
Sn1899,ppm, -.00482,.00029,5.9963, -.00456, -.00513, -.00475
Sr4077,ppm, 4.8985,.01229,.25091, 4.9071, 4.8844, 4.9040
Ti3349,ppm, .00971,.00170,17.516, .01160, .00926, .00829
Tl1908,ppm, -.00183,.00274,149.62, .00127, -.00391, -.00285
V_2924,ppm, .00240,.00274,114.07, -.00075, .00379, .00416
Zn2138,ppm, -.02445,.00009,.37787, -.02456, -.02441, -.02440

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 685.59,1.1218,.16362,684.30,686.14,686.33
Y_2243,Cts/S, 3949.0,1.1680,.02958,3947.7,3949.3,3949.9
Y_3710,Cts/S, 75054.,90.483,.12056,74951.,75122.,75089.
Y_3710-2,Cts/S, 8630.8,14.130,.16372,8626.8,8619.1,8646.5
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00301,.00209,69.373, .00541, .00157, .00206
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As1890,ppm, -.00239,.00261,109.24, -.00393, -.00386, -.00062
B_2089,ppm, 3.2346,.00860,.26574, 3.2273, 3.2324, 3.2440
Ba4554,ppm, .02759,.00101,3.6494, .02714, .02874, .02688
Be3130,ppm, -.00007,.00004,52.612, -.00005, -.00005, -.00012
Ca3179,ppm, 293.00,.35820,.12225, 293.04, 293.34, 292.63
Cd2288,ppm, .00023,.00047,210.05, .00060, .00038, -.00030
Co2286,ppm, -.00052,.00096,184.70, .00028, -.00025, -.00159
Cr2677,ppm, .00336,.00053,15.829, .00285, .00334, .00391
Cu3247,ppm, .01279,.00267,20.843, .00971, .01445, .01420
Fe2599,ppm, .09560,.00523,5.4668, .09920, .08960, .09798
K_7664,ppm, 262.20,.57235,.21829, 262.56, 262.49, 261.54
Li6707,ppm, .15833,.00383,2.4215, .15446, .15840, .16212
Mg2790,ppm, 942.05,1.6228,.17226, 942.26, 943.56, 940.33
Mn2576,ppm, .00519,.00033,6.4028, .00528, .00482, .00547
Mo2020,ppm, .00843,.00113,13.424, .00869, .00719, .00941
Na5895,ppm, 6156.7,58.431,.94906, 6142.5, 6220.9, 6106.7
Ni2316,ppm, -.00705,.00247,35.021, -.00576, -.00549, -.00990
Pb2203,ppm, -.00649,.00605,93.151, -.01291, -.00567, -.00090
Sb2068,ppm, -.00878,.00544,61.913, -.00498, -.01501, -.00635
Se1960,ppm, -.00227,.01004,442.25, -.01285, .00713, -.00109
Sn1899,ppm, -.00539,.00083,15.409, -.00463, -.00628, -.00525
Sr4077,ppm, 4.9690,.01628,.32764, 4.9823, 4.9739, 4.9508
Ti3349,ppm, .00703,.00041,5.8950, .00729, .00725, .00655
Tl1908,ppm, .00210,.00148,70.842, .00039, .00283, .00307
V_2924,ppm, .00064,.00040,62.430, .00060, .00106, .00026
Zn2138,ppm, -.02107,.00020,.92860, -.02091, -.02101, -.02129

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 690.13,1.5430,.22358,690.55,691.42,688.42
Y_2243,Cts/S, 3982.8,3.5860,.09004,3980.6,3986.9,3980.9
Y_3710,Cts/S, 76857.,112.88,.14687,76987.,76785.,76799.
Y_3710-2,Cts/S, 8803.5,47.514,.53972,8837.5,8749.2,8823.8

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Run Time=9/6/2010 19:33:46
Sample Type=Unk
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CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00433,.00201,46.372, .00560, .00536, .00201
Al3961,ppm, .84359,.03986,4.7248, .85067, .80067, .87944
As1890,ppm, .00534,.00416,78.027, .00828, .00057, .00715
B_2089,ppm, 1.1227,.00602,.53641, 1.1266, 1.1157, 1.1256
Ba4554,ppm, .08360,.00148,1.7760, .08302, .08249, .08529
Be3130,ppm, -.00009,.00003,31.377, -.00011, -.00006, -.00010
Ca3179,ppm, 132.10,.74994,.56769, 132.96, 131.80, 131.55
Cd2288,ppm, .00103,.00051,49.842, .00069, .00078, .00162
Co2286,ppm, .00089,.00139,155.00, .00180, .00158, -.00070
Cr2677,ppm, .00384,.00264,68.913, .00598, .00465, .00088
Cu3247,ppm, .01312,.00059,4.4896, .01261, .01299, .01376
Fe2599,ppm, .59934,.00550,.91694, .60531, .59450, .59819
K_7664,ppm, 89.299,.64496,.72225, 89.989, 89.196, 88.711
Li6707,ppm, .06599,.00638,9.6751, .06265, .06197, .07335
Mg2790,ppm, 324.91,2.7984,.86127, 328.10, 323.76, 322.88
Mn2576,ppm, .04209,.00017,.39951, .04228, .04196, .04203
Mo2020,ppm, .00476,.00071,14.938, .00438, .00558, .00432
Na5895,ppm, 2324.9,10.255,.44110, 2331.5, 2313.1, 2330.1
Ni2316,ppm, -.00080,.00205,255.19, -.00267, -.00114, .00139
Pb2203,ppm, -.00208,.00345,165.50, -.00164, .00112, -.00573
Sb2068,ppm, .00353,.00620,175.84, -.00187, .01030, .00215
Se1960,ppm, .00553,.01588,287.18, -.01275, .01343, .01592
Sn1899,ppm, -.00276,.00081,29.319, -.00205, -.00364, -.00259
Sr4077,ppm, 1.7979,.01159,.64452, 1.8107, 1.7949, 1.7882
Ti3349,ppm, .02751,.00294,10.694, .02433, .02806, .03014
Tl1908,ppm, .00144,.00285,197.71, .00327, .00289, -.00184
V_2924,ppm, .00472,.00096,20.401, .00565, .00479, .00373
Zn2138,ppm, .00088,.00015,16.868, .00072, .00093, .00101

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 749.04,3.5878,.47899,751.54,750.64,744.93
Y_2243,Cts/S, 4157.4,29.645,.71305,4179.1,4169.5,4123.6
Y_3710,Cts/S, 80981.,203.92,.25181,81203.,80801.,80940.
Y_3710-2,Cts/S, 9001.2,30.529,.33917,8974.9,9034.7,8994.1

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00181,.00199,109.61, .00361, -.00032, .00215
Al3961,ppm, .34350,.01249,3.6352, .32908, .35048, .35093
As1890,ppm, -.00021,.00523,2474.5, .00569, -.00425, -.00208
B_2089,ppm, 3.3437,.01060,.31712, 3.3320, 3.3467, 3.3525
Ba4554,ppm, .03881,.00048,1.2368, .03920, .03827, .03895
Be3130,ppm, -.00009,.00004,41.937, -.00005, -.00011, -.00010
Ca3179,ppm, 308.28,.27283,.08850, 308.56, 308.01, 308.27
Cd2288,ppm, .00107,.00077,72.626, .00047, .00194, .00079
Co2286,ppm, -.00102,.00072,69.972, -.00108, -.00028, -.00170
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Cr2677,ppm, .00381,.00069,17.997, .00364, .00456, .00322
Cu3247,ppm, .01432,.00106,7.3917, .01311, .01505, .01481
Fe2599,ppm, .25696,.00397,1.5465, .25816, .26020, .25253
K_7664,ppm, 280.93,.14009,.04987, 281.08, 280.81, 280.89
Li6707,ppm, .16667,.00157,.94248, .16551, .16846, .16606
Mg2790,ppm, 995.63,1.1605,.11656, 996.95, 994.74, 995.22
Mn2576,ppm, .01745,.00040,2.2755, .01786, .01707, .01742
Mo2020,ppm, .00804,.00005,.63214, .00809, .00800, .00802
Na5895,ppm, 6469.7,36.568,.56522, 6511.7, 6444.9, 6452.5
Ni2316,ppm, -.00966,.00101,10.423, -.00925, -.01081, -.00893
Pb2203,ppm, -.00045,.00315,694.81, .00042, .00216, -.00395
Sb2068,ppm, -.00793,.00880,110.94, .00213, -.01176, -.01416
Se1960,ppm, .00747,.00135,18.130, .00643, .00900, .00697
Sn1899,ppm, -.00475,.00536,32.827, -.00298, -.00535, -.00593
Sr4077,ppm, 5.3176,.00407,.07652, 5.3216, 5.3135, 5.3178
Ti3349,ppm, .01313,.00224,17.081, .01234, .01139, .01566
Tl1908,ppm, .00174,.00259,148.85, -.00125, .00332, .00316
V_2924,ppm, .00113,.00212,187.78, .00303, -.00116, .00153
Zn2138,ppm, -.02712,.00014,.51269, -.02724, -.02715, -.02697

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 678.64,1.1830,.17432,677.82,680.00,678.11
Y_2243,Cts/S, 3938.0,.80964,.02056,3937.1,3938.7,3938.1
Y_3710,Cts/S, 74463.,288.43,.38734,74135.,74673.,74582.
Y_3710-2,Cts/S, 8557.7,29.460,.34425,8533.1,8549.6,8590.3

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[Results]
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Ag3280,ppm, .00399,.00192,47.955, .00409, .00203, .00586
Al3961,ppm, .43526,.07799,17.917, .47560, .48481, .34536
As1890,ppm, -.00908,.00327,36.040, -.01262, -.00848, -.00616
B_2089,ppm, 3.4215,.00708,.20679, 3.4146, 3.4213, 3.4287
Ba4554,ppm, .03009,.00062,2.0636, .02940, .03059, .03029
Be3130,ppm, -.00015,.00006,38.324, -.00011, -.00013, -.00022
Ca3179,ppm, 309.49,1.1659,.37673, 310.66, 309.47, 308.33
Cd2288,ppm, .00067,.00143,214.81, .00212, .00061, -.00073
Co2286,ppm, .00008,.00186,2356.1, .00185, -.00185, .00024
Cr2677,ppm, .00374,.00146,38.908, .00521, .00229, .00373
Cu3247,ppm, .01360,.00135,9.9657, .01209, .01396, .01473
Fe2599,ppm, .30132,.00069,.22819, .30056, .30148, .30191
K_7664,ppm, 279.47,1.3320,.47663, 280.69, 279.66, 278.05
Li6707,ppm, .17228,.00573,3.3243, .16567, .17562, .17556
Mg2790,ppm, 1002.2,4.3686,.43589, 1006.1, 1003.1, 997.49
Mn2576,ppm, .02165,.00007,.30332, .02171, .02167, .02158
Mo2020,ppm, .00805,.00143,17.803, .00971, .00726, .00719
Na5895,ppm, 6431.1,70.729,1.0998, 6400.7, 6511.9, 6380.6
Ni2316,ppm, -.00850,.00171,20.116, -.00659, -.00901, -.00989
Pb2203,ppm, -.00658,.00618,94.003, -.01279, -.00043, -.00651
Sb2068,ppm, -.00192,.00363,188.60, .00055, -.00024, -.00608
Se1960,ppm, .00936,.01085,115.91, .01498, -.00315, .01624
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Sn1899,ppm, -.00400,.00136,33.994, -.00351, -.00553, -.00295
Sr4077,ppm, 5.2968,.01972,.37224, 5.3154, 5.2988, 5.2761
Ti3349,ppm, .01524,.00166,10.895, .01334, .01600, .01639
Tl1908,ppm, .00108,.00192,176.80, .00319, .00064, -.00057
V_2924,ppm, .00135,.00183,135.77, -.00077, .00244, .00238
Zn2138,ppm, -.02720,.00042,1.5435, -.02768, -.02695, -.02696

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 687.83,2.1904,.31845,690.36,686.64,686.49
Y_2243,Cts/S, 3970.5,3.1460,.07924,3974.1,3969.1,3968.3
Y_3710,Cts/S, 76604.,173.93,.22705,76404.,76692.,76717.
Y_3710-2,Cts/S, 8818.6,65.329,.74081,8770.5,8792.2,8893.0

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Ag3280,ppm, .00408,.00163,39.843, .00381, .00583, .00261
Al3961,ppm, .10287,.07030,68.340, .12051, .02543, .16267
As1890,ppm, -.00514,.00454,88.312, -.00291, -.00215, -.01036
B_2089,ppm, 3.6136,.00721,.19963, 3.6116, 3.6075, 3.6215
Ba4554,ppm, .02221,.00046,2.0495, .02185, .02272, .02205
Be3130,ppm, -.00010,.00004,41.547, -.00008, -.00007, -.00015
Ca3179,ppm, 327.20,1.3433,.41056, 328.69, 326.81, 326.09
Cd2288,ppm, .00011,.00125,1123.3, .00090, .00077, -.00133
Co2286,ppm, -.00160,.00054,33.652, -.00210, -.00103, -.00165
Cr2677,ppm, .00255,.00136,53.403, .00410, .00206, .00150
Cu3247,ppm, .01199,.00122,10.187, .01340, .01136, .01122
Fe2599,ppm, .02542,.01192,46.895, .01378, .02487, .03760
K_7664,ppm, 298.73,1.6440,.55034, 300.53, 298.35, 297.31
Li6707,ppm, .18501,.00460,2.4862, .18967, .18489, .18047
Mg2790,ppm, 1071.9,5.5359,.51648, 1077.8, 1071.1, 1066.8
Mn2576,ppm, .00341,.00023,6.7566, .00331, .00368, .00325
Mo2020,ppm, .00916,.00067,7.2639, .00942, .00966, .00841
Na5895,ppm, 6748.7,79.518,1.1783, 6799.7, 6789.4, 6657.1
Ni2316,ppm, -.00821,.00077,9.3623, -.00734, -.00849, -.00881
Pb2203,ppm, -.00431,.00287,66.721, -.00391, -.00736, -.00165
Sb2068,ppm, -.00210,.00365,173.82, -.00555, .00171, -.00245
Se1960,ppm, .00572,.00837,146.17, -.00389, .01132, .00974
Sn1899,ppm, -.00425,.00039,9.1653, -.00401, -.00469, -.00403
Sr4077,ppm, 5.6307,.02636,.46810, 5.6602, 5.6221, 5.6097
Ti3349,ppm, .00768,.00166,21.571, .00652, .00693, .00957
Tl1908,ppm, -.00521,.00478,91.641, -.00981, -.00028, -.00555
V_2924,ppm, -.00029,.00372,1292.5, -.00458, .00176, .00196
Zn2138,ppm, -.03006,.00028,.92834, -.03030, -.03014, -.02976

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 682.48,2.6906,.39423,682.14,685.33,679.98
Y_2243,Cts/S, 3960.0,11.281,.28487,3957.0,3972.5,3950.5
Y_3710,Cts/S, 76160.,129.52,.17006,76287.,76028.,76166.
Y_3710-2,Cts/S, 8784.0,54.643,.62207,8728.2,8786.5,8837.4
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00099,.00197,199.97, .00064, -.00079, .00311
Al3961,ppm, .28555,.03389,11.867, .32374, .27381, .25909
As1890,ppm, -.00544,.00749,137.48, -.01398, .00002, -.00237
B_2089,ppm, 3.7522,.00982,.26182, 3.7450, 3.7482, 3.7634
Ba4554,ppm, .04382,.00007,.15126, .04389, .04376, .04381
Be3130,ppm, -.00012,.00004,29.962, -.00010, -.00010, -.00016
Ca3179,ppm, 333.30,1.3660,.40985, 334.87, 332.44, 332.58
Cd2288,ppm, .00125,.00109,87.591, .00133, .00011, .00230
Co2286,ppm, .00022,.00142,638.49, .00186, -.00052, -.00067
Cr2677,ppm, .00327,.00209,63.929, .00359, .00518, .00104
Cu3247,ppm, .01244,.00094,7.5862, .01194, .01184, .01352
Fe2599,ppm, .11325,.00410,3.6230, .10901, .11720, .11354
K_7664,ppm, 307.74,1.4747,.47920, 309.44, 306.99, 306.79
Li6707,ppm, .18237,.00092,.50700, .18222, .18335, .18152
Mg2790,ppm, 1084.2,6.1902,.57095, 1091.3, 1079.8, 1081.6
Mn2576,ppm, .00798,.00030,3.7147, .00783, .00833, .00780
Mo2020,ppm, .00961,.00082,8.5452, .01005, .01011, .00866
Na5895,ppm, 6899.7,46.668,.67638, 6925.5, 6927.8, 6845.9
Ni2316,ppm, -.00845,.00174,20.556, -.00968, -.00921, -.00646
Pb2203,ppm, -.00699,.00518,74.069, -.01284, -.00297, -.00517
Sb2068,ppm, -.00341,.00459,134.87, -.00464, -.00726, .00168
Se1960,ppm, .00113,.00716,634.60, -.00467, .00914, -.00108
Sn1899,ppm, -.00433,.00072,16.628, -.00509, -.00367, -.00422
Sr4077,ppm, 5.8143,.03054,.52525, 5.8495, 5.7984, 5.7949
Ti3349,ppm, .00927,.00163,17.555, .01094, .00919, .00769
Tl1908,ppm, -.00136,.00692,509.42, -.00773, .00599, -.00233
V_2924,ppm, -.00031,.00285,927.84, -.00308, -.00045, .00261
Zn2138,ppm, -.02911,.00043,1.4612, -.02927, -.02943, -.02863

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 666.43,3.0770,.46171,667.80,668.58,662.91
Y_2243,Cts/S, 3877.6,8.1815,.21100,3868.3,3883.7,3880.7
Y_3710,Cts/S, 74391.,264.64,.35574,74114.,74417.,74641.
Y_3710-2,Cts/S, 8702.9,36.814,.42301,8682.6,8745.4,8680.6

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Mode=CONC
CorrFactor=5.000
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Zoom Out

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00257,.00135,52.473, .00250, .00396, .00126
Al3961,ppm, .06857,.02427,35.388, .05599, .09655, .05318
As1890,ppm, .00077,.00720,931.41, -.00728, .00304, .00656
B_2089,ppm, 3.5515,.01520,.42809, 3.5463, 3.5396, 3.5686
Ba4554,ppm, .02050,.00055,2.6915, .02079, .02084, .01986
Be3130,ppm, -.00012,.00005,44.042, -.00006, -.00016, -.00014
Ca3179,ppm, 320.73,.66215,.20645, 320.96, 319.99, 321.25
Cd2288,ppm, .00059,.00034,57.465, .00026, .00058, .00094
Co2286,ppm, -.00024,.00099,405.98, -.00136, .00010, .00053
Cr2677,ppm, .00369,.00063,17.156, .00441, .00324, .00342
Cu3247,ppm, .01336,.00021,1.5540, .01351, .01313, .01345
Fe2599,ppm, .04709,.00077,1.6419, .04699, .04791, .04638
K_7664,ppm, 296.43,.59867,.20196, 296.72, 295.74, 296.83
Li6707,ppm, .17519,.00150,.85686, .17433, .17693, .17433
Mg2790,ppm, 1052.3,2.5902,.24616, 1053.0, 1049.4, 1054.4
Mn2576,ppm, .01402,.00022,1.5464, .01426, .01395, .01385
Mo2020,ppm, .00807,.00044,5.4424, .00851, .00807, .00763
Na5895,ppm, 6651.7,58.310,.87660, 6718.9, 6614.4, 6621.9
Ni2316,ppm, -.00853,.00048,5.6308, -.00799, -.00867, -.00892
Pb2203,ppm, -.00281,.00260,92.570, -.00388, .00016, -.00470
Sb2068,ppm, -.00346,.00369,106.52, -.00631, .00070, -.00477
Se1960,ppm, .01000,.00581,58.130, .00870, .00494, .01635
Sn1899,ppm, -.00437,.00148,33.814, -.00447, -.00284, -.00579
Sr4077,ppm, 5.5929,.01515,.27080, 5.5975, 5.5760, 5.6052
Ti3349,ppm, .00570,.00117,20.580, .00578, .00448, .00682
Tl1908,ppm, -.00027,.00192,710.24, .00002, .00149, -.00232
V_2924,ppm, .00112,.00179,159.15, .00041, .00315, -.00020
Zn2138,ppm, -.03018,.00048,1.6028, -.03068, -.03013, -.02972

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 677.78,2.0142,.29718,675.48,679.23,678.62
Y_2243,Cts/S, 3932.0,13.490,.34307,3929.0,3946.8,3920.3
Y_3710,Cts/S, 74732.,182.99,.24486,74699.,74929.,74568.
Y_3710-2,Cts/S, 8745.4,27.666,.31635,8722.7,8737.2,8776.2

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Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm,F .22301,.00147,.66030, .22470, .22226, .22206,Chk Fail,.25000,-10.000%
Al3961,ppm,F 35.674,.09534,.26725, 35.677, 35.768, 35.577,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0557,.01260,.61307, 2.0513, 2.0460, 2.0700,Chk Pass,,
B_2089,ppm, 2.0795,.00843,.40525, 2.0764, 2.0730, 2.0890,Chk Pass,,
Ba4554,ppm, 1.9203,.00061,.03182, 1.9199, 1.9200, 1.9210,Chk Pass,,
Be3130,ppm, 2.0685,.00538,.26031, 2.0743, 2.0678, 2.0636,Chk Pass,,
Ca3179,ppm, 39.175,.07502,.19150, 39.146, 39.260, 39.119,Chk Pass,,
Cd2288,ppm, 1.9932,.00679,.34049, 1.9920, 1.9871, 2.0005,Chk Pass,,
Co2286,ppm, 1.9791,.00773,.39036, 1.9767, 1.9729, 1.9878,Chk Pass,,
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Cr2677,ppm, 2.0736,.00049,.02342, 2.0731, 2.0735, 2.0741,Chk Pass,,
Cu3247,ppm,F 1.7892,.01006,.56235, 1.8006, 1.7854, 1.7817,Chk Fail,2.0000,-10.000%
Fe2599,ppm, 37.649,.12064,.32042, 37.641, 37.774, 37.533,Chk Pass,,
K_7664,ppm, 36.135,.08929,.24710, 36.140, 36.222, 36.043,Chk Pass,,
Li6707,ppm, 1.8361,.00299,.16285, 1.8344, 1.8396, 1.8344,Chk Pass,,
Mg2790,ppm, 38.978,.13107,.33628, 38.981, 39.108, 38.846,Chk Pass,,
Mn2576,ppm, 1.8841,.00780,.41405, 1.8927, 1.8822, 1.8775,Chk Pass,,
Mo2020,ppm, 1.9402,.00873,.44991, 1.9371, 1.9335, 1.9501,Chk Pass,,
Na5895,ppm, 37.629,.08450,.22455, 37.605, 37.723, 37.559,Chk Pass,,
Ni2316,ppm, 2.0126,.00671,.33348, 2.0113, 2.0066, 2.0198,Chk Pass,,
Pb2203,ppm, 1.9674,.00656,.33355, 1.9668, 1.9611, 1.9742,Chk Pass,,
Sb2068,ppm, 2.0298,.00748,.36872, 2.0260, 2.0249, 2.0384,Chk Pass,,
Se1960,ppm, 2.0258,.00754,.37240, 2.0281, 2.0174, 2.0320,Chk Pass,,
Sn1899,ppm, 2.0139,.00788,.39116, 2.0109, 2.0079, 2.0228,Chk Pass,,
Sr4077,ppm, 1.8143,.00381,.21021, 1.8141, 1.8182, 1.8106,Chk Pass,,
Ti3349,ppm, 1.9085,.00532,.27893, 1.9143, 1.9071, 1.9040,Chk Pass,,
Tl1908,ppm, 1.9989,.00611,.30574, 1.9971, 1.9939, 2.0057,Chk Pass,,
V_2924,ppm, 1.8960,.00629,.33162, 1.9032, 1.8917, 1.8932,Chk Pass,,
Zn2138,ppm, 2.0401,.00865,.42422, 2.0373, 2.0331, 2.0498,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 785.44,1.8188,.23157,784.61,787.52,784.18
Y_2243,Cts/S, 4414.3,14.983,.33941,4408.3,4431.4,4403.3
Y_3710,Cts/S, 87236.,163.73,.18768,87047.,87328.,87334.
Y_3710-2,Cts/S, 9303.8,20.885,.22448,9316.9,9279.7,9314.7

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00106,.00068,64.015, .00184, .00064, .00069,Chk Pass,,
Al3961,ppm, .00421,.00647,153.52, -.00319, .00878, .00705,Chk Pass,,
As1890,ppm, -.00111,.00044,39.918, -.00093, -.00162, -.00079,Chk Pass,,
B_2089,ppm, .00492,.00088,17.908, .00592, .00426, .00458,Chk Pass,,
Ba4554,ppm, -.00008,.00009,120.45, -.00002, -.00019, -.00003,Chk Pass,,
Be3130,ppm, .00000,.00001,194.32, .00001, .00000, .00000,Chk Pass,,
Ca3179,ppm, .00074,.00036,48.026, .00114, .00045, .00064,Chk Pass,,
Cd2288,ppm, .00013,.00007,51.498, .00018, .00014, .00006,Chk Pass,,
Co2286,ppm, .00024,.00019,80.219, .00002, .00031, .00039,Chk Pass,,
Cr2677,ppm, .00047,.00001,2.2596, .00047, .00046, .00048,Chk Pass,,
Cu3247,ppm, .00184,.00010,5.2213, .00175, .00194, .00184,Chk Pass,,
Fe2599,ppm, .00075,.00124,166.49, -.00005, .00218, .00012,Chk Pass,,
K_7664,ppm, .04872,.01347,27.644, .03332, .05452, .05832,Chk Pass,,
Li6707,ppm, .00138,.00072,52.609, .00081, .00113, .00219,Chk Pass,,
Mg2790,ppm, .00962,.00376,39.078, .01257, .00539, .01089,Chk Pass,,
Mn2576,ppm, .00001,.00005,353.88, -.00003, .00001, .00006,Chk Pass,,
Mo2020,ppm, .00005,.00017,368.32, .00020, -.00014, .00008,Chk Pass,,
Na5895,ppm, .36089,.00342,.94778, .35694, .36290, .36283,Chk Pass,,
Ni2316,ppm, -.00001,.00013,937.02, .00003, .00009, -.00016,Chk Pass,,
Pb2203,ppm, -.00026,.00026,101.40, .00003, -.00032, -.00049,Chk Pass,,
Sb2068,ppm, .00004,.00048,1322.2, .00054, -.00003, -.00041,Chk Pass,,
Se1960,ppm, .00165,.00310,187.82, .00440, .00225, -.00171,Chk Pass,,
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Sn1899,ppm, -.00023,.00013,57.696, -.00031, -.00008, -.00030,Chk Pass,,
Sr4077,ppm, .00008,.00006,86.401, .00003, .00015, .00004,Chk Pass,,
Ti3349,ppm, -.00019,.00015,80.273, -.00034, -.00020, -.00004,Chk Pass,,
Tl1908,ppm, .00076,.00048,63.884, .00126, .00029, .00072,Chk Pass,,
V_2924,ppm, -.00007,.00028,373.29, -.00020, -.00026, .00024,Chk Pass,,
Zn2138,ppm, .00003,.00003,118.68, .00006, .00000, .00002,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 876.23,4.9777,.56809,877.60,880.37,870.71
Y_2243,Cts/S, 4518.0,13.553,.29998,4516.8,4532.0,4505.0
Y_3710,Cts/S, 90384.,113.97,.12609,90279.,90368.,90505.
Y_3710-2,Cts/S, 9488.7,18.303,.19289,9480.7,9475.7,9509.6

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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00329,.00184,55.987, .00502, .00349, .00136
Al3961,ppm, .17973,.03644,20.273, .19394, .13833, .20692
As1890,ppm, -.00610,.00333,54.560, -.00894, -.00244, -.00692
B_2089,ppm, 3.2825,.00020,.00605, 3.2824, 3.2827, 3.2824
Ba4554,ppm, .02376,.00102,4.3033, .02485, .02360, .02282
Be3130,ppm, -.00008,.00008,98.602, -.00001, -.00017, -.00006
Ca3179,ppm, 294.80,.65589,.22249, 294.72, 294.18, 295.49
Cd2288,ppm, -.00008,.00182,2176.6, .00153, .00028, -.00206
Co2286,ppm, -.00024,.00079,326.25, -.00103, -.00023, .00054
Cr2677,ppm, .00325,.00183,56.297, .00519, .00300, .00156
Cu3247,ppm, .01106,.00167,15.118, .00943, .01097, .01277
Fe2599,ppm, .08540,.00259,3.0355, .08775, .08583, .08262
K_7664,ppm, 273.20,.87824,.32146, 273.13, 272.36, 274.11
Li6707,ppm, .16520,.00048,.29149, .16493, .16576, .16492
Mg2790,ppm, 959.40,3.2176,.33538, 957.61, 957.48, 963.12
Mn2576,ppm, .01472,.00014,.95702, .01480, .01481, .01456
Mo2020,ppm, .00910,.00033,3.6365, .00885, .00947, .00897
Na5895,ppm, 6522.0,19.816,.30383, 6514.5, 6507.1, 6544.5
Ni2316,ppm, -.00797,.00110,13.833, -.00741, -.00924, -.00726
Pb2203,ppm, -.00538,.00336,62.401, -.00796, -.00659, -.00159
Sb2068,ppm, -.00323,.00343,106.19, -.00406, .00054, -.00617
Se1960,ppm, .01106,.01250,113.07, -.00335, .01908, .01744
Sn1899,ppm, -.00519,.00057,10.996, -.00454, -.00538, -.00563
Sr4077,ppm, 5.1846,.00925,.17839, 5.1870, 5.1743, 5.1924
Ti3349,ppm, .00702,.00056,8.0192, .00697, .00648, .00761
Tl1908,ppm, .00197,.00532,270.46, -.00066, -.00153, .00809
V_2924,ppm, .00252,.00086,34.342, .00303, .00300, .00152
Zn2138,ppm, -.02785,.00029,1.0495, -.02755, -.02813, -.02788

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 676.20,2.5426,.37602,674.09,675.48,679.02
Y_2243,Cts/S, 3920.1,17.425,.44449,3908.0,3912.3,3940.1
Y_3710,Cts/S, 74789.,91.260,.12202,74884.,74702.,74780.
Y_3710-2,Cts/S, 8719.2,52.198,.59865,8774.5,8712.2,8670.8
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Zoom Out

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[Sample Header]
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Repeats=3

[Results]
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Ag3280,ppm,F .22335,.00053,.23914, .22292, .22319, .22395,Chk Fail,.25000,-10.000%
Al3961,ppm,F 35.355,.15085,.42668, 35.508, 35.207, 35.350,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0476,.00484,.23615, 2.0457, 2.0439, 2.0530,Chk Pass,,
B_2089,ppm, 2.0805,.00691,.33226, 2.0791, 2.0744, 2.0880,Chk Pass,,
Ba4554,ppm, 1.9232,.00451,.23445, 1.9230, 1.9188, 1.9278,Chk Pass,,
Be3130,ppm, 2.0682,.00859,.41555, 2.0772, 2.0675, 2.0600,Chk Pass,,
Ca3179,ppm, 38.870,.10640,.27374, 38.948, 38.749, 38.913,Chk Pass,,
Cd2288,ppm, 1.9901,.00725,.36415, 1.9877, 1.9843, 1.9982,Chk Pass,,
Co2286,ppm, 1.9752,.00882,.44665, 1.9742, 1.9669, 1.9845,Chk Pass,,
Cr2677,ppm, 2.0730,.00137,.06631, 2.0737, 2.0714, 2.0738,Chk Pass,,
Cu3247,ppm,F 1.7942,.00262,.14618, 1.7912, 1.7956, 1.7959,Chk Fail,2.0000,-10.000%
Fe2599,ppm, 37.325,.13645,.36558, 37.447, 37.177, 37.350,Chk Pass,,
K_7664,ppm,F 35.805,.14425,.40288, 35.956, 35.669, 35.788,Chk Fail,40.000,-10.000%
Li6707,ppm, 1.8257,.00598,.32736, 1.8311, 1.8193, 1.8268,Chk Pass,,
Mg2790,ppm, 38.530,.15222,.39508, 38.661, 38.363, 38.566,Chk Pass,,
Mn2576,ppm, 1.8886,.00149,.07867, 1.8870, 1.8887, 1.8900,Chk Pass,,
Mo2020,ppm, 1.9367,.00775,.40002, 1.9372, 1.9287, 1.9442,Chk Pass,,
Na5895,ppm, 37.445,.10866,.29019, 37.560, 37.344, 37.429,Chk Pass,,
Ni2316,ppm, 2.0034,.00638,.31860, 1.9966, 2.0042, 2.0093,Chk Pass,,
Pb2203,ppm, 1.9649,.00804,.40933, 1.9581, 1.9627, 1.9738,Chk Pass,,
Sb2068,ppm, 2.0215,.00475,.23480, 2.0226, 2.0163, 2.0256,Chk Pass,,
Se1960,ppm, 2.0225,.00961,.47537, 2.0278, 2.0114, 2.0284,Chk Pass,,
Sn1899,ppm, 2.0103,.00749,.37275, 2.0116, 2.0022, 2.0170,Chk Pass,,
Sr4077,ppm, 1.8006,.00691,.38386, 1.8072, 1.7935, 1.8012,Chk Pass,,
Ti3349,ppm, 1.9099,.00188,.09867, 1.9081, 1.9098, 1.9119,Chk Pass,,
Tl1908,ppm, 1.9943,.00759,.38036, 1.9871, 1.9936, 2.0022,Chk Pass,,
V_2924,ppm, 1.8977,.00082,.04316, 1.8982, 1.8981, 1.8967,Chk Pass,,
Zn2138,ppm, 2.0421,.00771,.37772, 2.0403, 2.0354, 2.0505,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.14,2.7076,.34442,789.25,784.33,784.83
Y_2243,Cts/S, 4411.4,10.500,.23803,4419.5,4415.3,4399.6
Y_3710,Cts/S, 86955.,30.444,.03501,86928.,86988.,86948.
Y_3710-2,Cts/S, 9317.7,32.036,.34382,9288.3,9351.8,9313.1

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Custom ID2=
Custom ID3=
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
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Al3961,ppm, .00451,.00297,65.951, .00376, .00778, .00198,Chk Pass,,
As1890,ppm, .00110,.00206,187.73, .00126, -.00199, -.00257,Chk Pass,,
B_2089,ppm, .00505,.00020,3.9782, .00523, .00509, .00483,Chk Pass,,
Ba4554,ppm, -.00010,.00017,163.51, -.00008, .00006, -.00028,Chk Pass,,
Be3130,ppm, .00002,.00001,57.773, .00002, .00001, .00001,Chk Pass,,
Ca3179,ppm, .00281,.00131,46.696, .00208, .00202, .00432,Chk Pass,,
Cd2288,ppm, .00013,.00019,141.09, .00015, .00032, -.00006,Chk Pass,,
Co2286,ppm, .00009,.00004,42.697, .00013, .00010, .00005,Chk Pass,,
Cr2677,ppm, .00027,.00029,109.36, .00060, .00016, .00004,Chk Pass,,
Cu3247,ppm, .00157,.00011,7.3122, .00145, .00158, .00167,Chk Pass,,
Fe2599,ppm, .00064,.00010,16.319, .00074, .00064, .00053,Chk Pass,,
K_7664,ppm, .02361,.00769,32.583, .01538, .03062, .02483,Chk Pass,,
Li6707,ppm, .00051,.00040,79.317, .00080, .00005, .00066,Chk Pass,,
Mg2790,ppm, .00442,.00366,82.858, .00023, .00703, .00601,Chk Pass,,
Mn2576,ppm, .00001,.00006,523.57, -.00002, -.00003, .00008,Chk Pass,,
Mo2020,ppm, .00008,.00017,229.40, -.00005, .00027, .00000,Chk Pass,,
Na5895,ppm, .33034,.00962,2.9127, .32962, .32110, .34030,Chk Pass,,
Ni2316,ppm, -.00011,.00011,103.26, -.00004, -.00024, -.00004,Chk Pass,,
Pb2203,ppm, -.00139,.00034,24.443, -.00176, -.00132, -.00109,Chk Pass,,
Sb2068,ppm, .00015,.00141,925.98, .00174, -.00096, -.00033,Chk Pass,,
Se1960,ppm, -.00089,.00057,63.795, -.00042, -.00153, -.00073,Chk Pass,,
Sn1899,ppm, .00006,.00012,186.70, .00002, -.00003, .00020,Chk Pass,,
Sr4077,ppm, .00005,.00003,71.019, .00002, .00004, .00009,Chk Pass,,
Ti3349,ppm, -.00039,.00019,47.610, -.00060, -.00023, -.00035,Chk Pass,,
Tl1908,ppm, .00098,.00049,49.584, .00042, .00122, .00131,Chk Pass,,
V_2924,ppm, .00006,.00014,227.34, .00004, -.00006, .00021,Chk Pass,,
Zn2138,ppm, -.00003,.00005,167.93, .00000, .00000, -.00009,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 882.07,.89698,.10169,882.03,881.19,882.99
Y_2243,Cts/S, 4574.1,8.5159,.18618,4570.9,4583.7,4567.6
Y_3710,Cts/S, 89884.,359.95,.40046,90298.,89650.,89704.
Y_3710-2,Cts/S, 9386.9,34.592,.36852,9414.9,9348.2,9397.6

[Sample Header]
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Username=admin
Comment=mp12740
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Custom ID2=
Custom ID3=
Run Time=9/6/2010 20:36:31
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01444,.00631,43.689, .00970, .01202, .02160
Al3961,ppm, .76730,.02947,3.8413, .75275, .80122, .74792
As1890,ppm, -.00606,.05461,901.70, -.06422, .00194, .04411
B_2089,ppm, 1.8720,.00792,.42290, 1.8811, 1.8670, 1.8679
Ba4554,ppm, .06192,.00175,2.8294, .05992, .06318, .06266
Be3130,ppm, -.00021,.00016,76.243, -.00019, -.00038, -.00006
Ca3179,ppm, 183.80,.41869,.22779, 184.28, 183.62, 183.51
Cd2288,ppm, .00276,.00235,85.080, .00137, .00144, .00548
Co2286,ppm, -.00126,.00498,395.18, .00424, -.00256, -.00546
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Cr2677,ppm, .00625,.00523,83.679, .00623, .01150, .00104
Cu3247,ppm, .04477,.00277,6.1768, .04658, .04159, .04614
Fe2599,ppm, .56701,.01382,2.4376, .58192, .56448, .55462
K_7664,ppm, 142.14,.29325,.20631, 142.48, 141.96, 141.99
Li6707,ppm, .11306,.01537,13.599, .09972, .10959, .12988
Mg2790,ppm, 517.68,1.0907,.21069, 518.75, 517.74, 516.57
Mn2576,ppm, .08502,.00102,1.2053, .08418, .08470, .08616
Mo2020,ppm, .00872,.00619,71.038, .00369, .01564, .00683
Na5895,ppm, 3920.4,19.340,.4931, 3918.3, 3902.1, 3940.6
Ni2316,ppm, .00275,.00539,196.15, .00825, .00250, -.00251
Pb2203,ppm, -.00931,.02094,224.77, -.01338, -.02792, .01336
Sb2068,ppm, .00651,.01434,220.12, -.00861, .00823, .01991
Se1960,ppm, .00332,.05668,1708.7, .05940, -.05394, .00449
Sn1899,ppm, -.00930,.00639,68.728, -.00297, -.00918, -.01575
Sr4077,ppm, 2.8286,.00584,.20634, 2.8315, 2.8325, 2.8219
Ti3349,ppm, .02110,.00925,43.862, .01099, .02916, .02314
Tl1908,ppm, -.00032,.01490,4684.9, .01680, -.01035, -.00741
V_2924,ppm, .00719,.00927,129.02, .01580, -.00262, .00838
Zn2138,ppm, .04202,.00124,2.9473, .04202, .04079, .04326

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 797.88,1.2743,.15971,796.64,797.83,799.19
Y_2243,Cts/S, 4316.3,1.8398,.04262,4315.0,4315.6,4318.4
Y_3710,Cts/S, 84833.,300.24,.35392,84834.,84532.,85132.
Y_3710-2,Cts/S, 9173.8,21.911,.23885,9194.5,9176.2,9150.8

[Sample Header]
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SampleName=MP12740-D1
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Custom ID2=
Custom ID3=
Run Time=9/6/2010 20:42:20
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00470,.00888,189.19, .00220, -.00267, .01456
Al3961,ppm, .75157,.05243,6.9762, .75369, .80291, .69811
As1890,ppm, -.02386,.02411,101.05, -.02522, .00090, -.04727
B_2089,ppm, 1.8214,.00329,.18041, 1.8188, 1.8251, 1.8203
Ba4554,ppm, .06124,.00183,2.9933, .06256, .05915, .06200
Be3130,ppm, -.00024,.00007,31.530, -.00031, -.00016, -.00025
Ca3179,ppm, 180.55,.72810,.40328, 180.34, 179.94, 181.35
Cd2288,ppm, .00439,.00511,116.34, .01024, .00215, .00078
Co2286,ppm, -.00114,.00410,359.36, .00306, -.00513, -.00135
Cr2677,ppm, .00083,.00194,233.80, -.00051, -.00006, .00306
Cu3247,ppm, .04354,.00386,8.8648, .04735, .04364, .03964
Fe2599,ppm, .41723,.00289,.69232, .41592, .42054, .41522
K_7664,ppm, 139.29,1.1233,.80646, 138.51, 138.77, 140.58
Li6707,ppm, .09476,.02049,21.620, .08263, .08323, .11841
Mg2790,ppm, 512.85,2.9041,.56626, 510.69, 511.72, 516.15
Mn2576,ppm, .02422,.00092,3.8044, .02473, .02316, .02478
Mo2020,ppm, .00802,.00411,51.294, .00343, .01138, .00924
Na5895,ppm, 3893.7,55.566,1.4271, 3850.9, 3873.6, 3956.5
Ni2316,ppm, -.00642,.00457,71.292, -.00545, -.00240, -.01140
Pb2203,ppm, -.02709,.00744,27.453, -.02649, -.01997, -.03481
Sb2068,ppm, -.01530,.02779,181.65, -.00798, -.04601, .00810
Se1960,ppm, .02743,.02377,86.672, .04006, .00001, .04223
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Sn1899,ppm, -.00682,.01343,196.83, .00661, -.00683, -.02025
Sr4077,ppm, 2.7569,.01427,.51775, 2.7577, 2.7422, 2.7707
Ti3349,ppm, .01327,.00363,27.375, .00950, .01674, .01356
Tl1908,ppm, .00398,.02374,596.43, -.02209, .02437, .00966
V_2924,ppm, .00162,.00945,582.76, .00155, -.00779, .01111
Zn2138,ppm, .02272,.00090,3.9785, .02302, .02170, .02343

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 806.80,1.3243,.16415,805.90,808.32,806.18
Y_2243,Cts/S, 4397.8,21.252,.48326,4409.4,4410.7,4373.2
Y_3710,Cts/S, 84451.,212.08,.25113,84211.,84613.,84528.
Y_3710-2,Cts/S, 9086.6,16.753,.18437,9103.3,9086.7,9069.8

[Sample Header]
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SampleName=MP12740-SD1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 20:48:08
Sample Type=Unk
Mode=CONC
CorrFactor=125.0
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .11994,.08570,71.459, .11547, .03655, .20779
Al3961,ppm, 1.1151,.50449,45.242, .53982, 1.3234, 1.4821
As1890,ppm, -.12865,.12137,94.345, -.22725, -.16560, .00690
B_2089,ppm, 2.0095,.03774,1.8783, 2.0308, 2.0318, 1.9659
Ba4554,ppm, .04914,.01354,27.555, .03506, .05030, .06207
Be3130,ppm, -.00403,.00019,4.7473, -.00393, -.00425, -.00392
Ca3179,ppm, 179.63,.15046,.08376, 179.49, 179.60, 179.79
Cd2288,ppm, .01167,.00835,71.540, .01322, .01914, .00266
Co2286,ppm, -.00222,.01269,571.49, -.00673, .01211, -.01204
Cr2677,ppm, .04618,.05467,118.39, .09101, .06224, -.01472
Cu3247,ppm, .29299,.03086,10.531, .27263, .27785, .32849
Fe2599,ppm, .73679,.16218,22.012, .60646, .68550, .91842
K_7664,ppm, 136.35,1.8885,1.3851, 136.51, 134.38, 138.14
Li6707,ppm, .19698,.04284,21.749, .15970, .18746, .24378
Mg2790,ppm, 506.25,1.3350,.26371, 505.24, 505.75, 507.76
Mn2576,ppm, .08944,.00477,5.3370, .09358, .09054, .08422
Mo2020,ppm, -.00998,.00507,50.796, -.00721, -.01584, -.00690
Na5895,ppm, 3910.1,6.0348,.15434, 3913.8, 3913.4, 3903.2
Ni2316,ppm, -.01862,.01668,89.574, -.02562, -.03067, .00042
Pb2203,ppm, -.06709,.12742,189.94, .08005, -.14093, -.14038
Sb2068,ppm, -.05698,.06118,107.37, -.09682, .01346, -.08757
Se1960,ppm, .18526,.06782,36.609, .11575, .18878, .25126
Sn1899,ppm, -.00291,.03536,1213.4, -.04371, .01894, .01603
Sr4077,ppm, 2.7089,.00059,.02187, 2.7091, 2.7094, 2.7083
Ti3349,ppm, -.00246,.01052,427.79, -.01390, .00680, -.00028
Tl1908,ppm, .04644,.03332,71.744, .08476, .02442, .03012
V_2924,ppm, .02477,.04982,201.14, .05671, .05022, -.03264
Zn2138,ppm, .22450,.01019,4.5368, .21279, .22940, .23131

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 865.95,2.8328,.32713,869.19,864.71,863.95
Y_2243,Cts/S, 4537.0,13.320,.29358,4550.4,4536.9,4523.8
Y_3710,Cts/S, 89117.,232.91,.26135,89332.,89148.,88869.
Y_3710-2,Cts/S, 9338.6,25.386,.27184,9311.4,9361.7,9342.6
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[Sample Header]
Method=icapns(v488)
SampleName=MP12740-S1
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 20:53:46
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .37841,.01120,2.9601, .38036, .38851, .36636
Al3961,ppm, 46.160,.32261,.69890, 46.116, 45.862, 46.503
As1890,ppm, .39968,.02604,6.5164, .41651, .41286, .36968
B_2089,ppm, 2.7880,.02092,.75041, 2.7667, 2.7888, 2.8085
Ba4554,ppm, .44693,.00290,.64873, .44380, .44952, .44747
Be3130,ppm, .43183,.00080,.18500, .43257, .43192, .43098
Ca3179,ppm, 228.91,.38120,.16653, 228.62, 228.77, 229.34
Cd2288,ppm, .40832,.00194,.47470, .40858, .40627, .41012
Co2286,ppm, .39960,.00509,1.2731, .40191, .40313, .39377
Cr2677,ppm, .44623,.00687,1.5406, .43882, .45240, .44746
Cu3247,ppm, .42193,.00865,2.0491, .43167, .41894, .41517
Fe2599,ppm, 47.069,.10922,.23204, 47.027, 46.987, 47.193
K_7664,ppm, 181.37,.70667,.38963, 180.62, 181.46, 182.02
Li6707,ppm, .47064,.00994,2.1112, .47641, .47633, .45916
Mg2790,ppm, 561.05,.73159,.13040, 560.25, 561.23, 561.68
Mn2576,ppm, .41022,.00299,.72841, .40762, .41349, .40956
Mo2020,ppm, .40264,.00220,.54657, .40270, .40041, .40481
Na5895,ppm, 3884.6,43.628,1.1231, 3933.1, 3848.5, 3872.2
Ni2316,ppm, .39149,.00227,.58011, .38887, .39292, .39268
Pb2203,ppm, .37481,.00964,2.5716, .38498, .37364, .36581
Sb2068,ppm, .35497,.02015,5.6760, .36604, .33172, .36717
Se1960,ppm, .38815,.02057,5.3001, .40796, .36689, .38958
Sn1899,ppm, .39598,.00125,.31600, .39511, .39542, .39741
Sr4077,ppm, 3.0812,.00775,.25166, 3.0765, 3.0770, 3.0902
Ti3349,ppm, .41671,.01217,2.9208, .42974, .41476, .40563
Tl1908,ppm, .40743,.01695,4.1591, .38875, .41171, .42182
V_2924,ppm, .38828,.00836,2.1528, .37941, .38941, .39601
Zn2138,ppm, .44104,.00073,.16586, .44020, .44155, .44137

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 800.90,2.9745,.37139,802.99,802.22,797.49
Y_2243,Cts/S, 4372.6,17.915,.40971,4384.0,4381.9,4352.0
Y_3710,Cts/S, 85613.,115.59,.13501,85532.,85562.,85746.
Y_3710-2,Cts/S, 9289.8,30.124,.32427,9296.5,9316.0,9256.9

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 20:59:29
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .37680,.01220,3.2388, .37291, .39048, .36702
Al3961,ppm, 46.658,.15205,.32587, 46.800, 46.678, 46.498
As1890,ppm, .39648,.01902,4.7963, .41586, .39572, .37785
B_2089,ppm, 2.7403,.01134,.41374, 2.7303, 2.7526, 2.7378
Ba4554,ppm, .44736,.00545,1.2183, .44204, .45293, .44713
Be3130,ppm, .42611,.00115,.27057, .42539, .42550, .42744
Ca3179,ppm, 224.61,.22347,.09949, 224.77, 224.71, 224.36
Cd2288,ppm, .40699,.00670,1.6463, .41025, .39928, .41143
Co2286,ppm, .39208,.00457,1.1647, .39068, .39719, .38838
Cr2677,ppm, .43186,.00431,.99820, .43550, .43298, .42710
Cu3247,ppm, .40902,.00942,2.3023, .39820, .41532, .41354
Fe2599,ppm, 46.999,.13640,.29022, 46.924, 47.157, 46.918
K_7664,ppm, 180.14,.60950,.33834, 180.69, 180.25, 179.49
Li6707,ppm, .46025,.03474,7.5485, .45218, .49832, .43026
Mg2790,ppm, 549.92,1.1612,.21116, 550.24, 550.89, 548.63
Mn2576,ppm, .40935,.00073,.17929, .41019, .40888, .40896
Mo2020,ppm, .39821,.00217,.54496, .39816, .40041, .39607
Na5895,ppm, 3851.8,48.418,1.2570, 3798.5, 3864.1, 3892.9
Ni2316,ppm, .38347,.00476,1.2420, .37888, .38839, .38314
Pb2203,ppm, .37529,.01043,2.7802, .38510, .36433, .37646
Sb2068,ppm, .41001,.02420,5.9026, .38211, .42536, .42257
Se1960,ppm, .44883,.03901,8.6917, .47061, .47208, .40379
Sn1899,ppm, .39041,.00446,1.1432, .38624, .39512, .38989
Sr4077,ppm, 3.0564,.00431,.14115, 3.0596, 3.0581, 3.0515
Ti3349,ppm, .41307,.00740,1.7912, .41613, .41846, .40464
Tl1908,ppm, .39966,.01324,3.3132, .38645, .41293, .39958
V_2924,ppm, .39321,.00861,2.1893, .40290, .38643, .39030
Zn2138,ppm, .44099,.00064,.14581, .44025, .44142, .44130

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 804.72,.06219,.00773,804.65,804.76,804.75
Y_2243,Cts/S, 4370.6,7.4143,.16964,4372.1,4377.1,4362.5
Y_3710,Cts/S, 85059.,44.092,.05184,85009.,85078.,85090.
Y_3710-2,Cts/S, 9079.1,18.850,.20762,9095.4,9058.5,9083.3

[Sample Header]
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .02959,.00168,5.6747, .02834, .03149, .02892
Al3961,ppm, .78765,.09126,11.586, .87918, .78713, .69666
As1890,ppm, -.02038,.01560,76.538, -.03822, -.01365, -.00928
B_2089,ppm, 3.4711,.02038,.58704, 3.4873, 3.4482, 3.4777
Ba4554,ppm, .02523,.00092,3.6630, .02602, .02546, .02421
Be3130,ppm, -.00064,.00023,36.690, -.00090, -.00046, -.00055
Ca3179,ppm, 317.68,.76255,.24004, 316.80, 318.19, 318.04
Cd2288,ppm, .00288,.00222,76.841, .00539, .00207, .00119
Co2286,ppm, .00257,.00159,61.828, .00101, .00419, .00251
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Cr2677,ppm, .01162,.00151,13.013, .01288, .01204, .00994
Cu3247,ppm, .06101,.00909,14.906, .05546, .05607, .07151
Fe2599,ppm, .39989,.02098,5.2456, .40970, .41416, .37580
K_7664,ppm, 274.34,.73380,.26748, 273.77, 274.07, 275.17
Li6707,ppm, .17962,.02896,16.122, .15193, .17725, .20970
Mg2790,ppm, 1009.1,3.1384,.31100, 1005.5, 1010.7, 1011.2
Mn2576,ppm, .01966,.00083,4.2214, .02061, .01909, .01929
Mo2020,ppm, .00765,.00235,30.717, .00505, .00961, .00830
Na5895,ppm, 761.0,69.717,.91122, 7718.8, 7579.5, 7654.7
Ni2316,ppm, -.00571,.00729,127.73, -.00079, -.01409, -.00225
Pb2203,ppm, .00161,.01338,831.07, -.00434, .01693, -.00777
Sb2068,ppm, -.04857,.01885,38.806, -.03116, -.04595, -.06858
Se1960,ppm, -.00309,.03296,1064.9, -.04059, .02126, .01005
Sn1899,ppm, -.02304,.00558,24.213, -.02948, -.01974, -.01990
Sr4077,ppm, 5.3461,.01447,.27075, 5.3314, 5.3465, 5.3604
Ti3349,ppm, .02356,.00590,25.048, .01716, .02474, .02879
Tl1908,ppm, .00486,.00386,79.545, .00900, .00422, .00136
V_2924,ppm, .00490,.00646,131.81, .00001, .01223, .00246
Zn2138,ppm, .01073,.00131,12.168, .00925, .01123, .01172

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 778.78,3.3128,.42539,782.48,777.76,776.10
Y_2243,Cts/S, 4269.1,15.645,.36646,4283.7,4271.0,4252.6
Y_3710,Cts/S, 83546.,107.04,.12812,83422.,83604.,83611.
Y_3710-2,Cts/S, 9120.9,43.986,.48225,9165.2,9077.2,9120.3

[Sample Header]
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Username=admin
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Custom ID1=
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Custom ID3=
Run Time=9/6/2010 21:11:01
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00524,.01159,220.92, .01072, .01308, -.00806
Al3961,ppm, .77842,.05176,6.6496, .78368, .72423, .82735
As1890,ppm, -.01802,.05078,281.80, -.02630, .03639, -.06414
B_2089,ppm, 3.5454,.00206,.05814, 3.5433, 3.5455, 3.5474
Ba4554,ppm, .02118,.00672,31.726, .01795, .01669, .02891
Be3130,ppm, -.00072,.00011,14.739, -.00063, -.00084, -.00069
Ca3179,ppm, 321.73,.95285,.29617, 322.38, 320.63, 322.16
Cd2288,ppm, .00283,.00286,100.90, -.00046, .00430, .00466
Co2286,ppm, -.00071,.00778,1093.9, .00251, -.00958, .00494
Cr2677,ppm, .00773,.00546,70.589, .00919, .00169, .01232
Cu3247,ppm, .04574,.00234,5.1096, .04305, .04732, .04685
Fe2599,ppm, .48337,.02960,6.1227, .48015, .45553, .51445
K_7664,ppm, 286.62,.29606,.10329, 286.73, 286.29, 286.85
Li6707,ppm, .17514,.00788,4.4970, .17388, .18357, .16797
Mg2790,ppm, 1027.0,2.1985,.21407, 1028.9, 1024.6, 1027.5
Mn2576,ppm, .02620,.00106,4.0572, .02509, .02631, .02721
Mo2020,ppm, .01029,.00410,39.805, .00639, .01456, .00993
Na5895,ppm, 7973.6,85.473,1.0720, 8065.8, 7896.9, 7958.2
Ni2316,ppm, -.00806,.00873,108.28, .00149, -.01005, -.01563
Pb2203,ppm, -.02772,.02393,86.323, -.04364, -.03933, -.00020
Sb2068,ppm, -.00639,.02334,365.17, -.00956, -.02798, .01837
Se1960,ppm, .03063,.03625,118.33, .06140, .03983, -.00933
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Zoom In
Zoom Out

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Sn1899,ppm, -.01573,.00177,11.248, -.01493, -.01775, -.01450
Sr4077,ppm, 5.5690,.01189,.21355, 5.5768, 5.5553, 5.5748
Ti3349,ppm, .02441,.00287,11.747, .02654, .02554, .02115
Tl1908,ppm, -.01401,.02126,151.69, -.03512, -.01432, .00740
V_2924,ppm, -.00069,.00444,640.22, -.00462, -.00158, .00412
Zn2138,ppm, .00127,.00126,99.309, .00228, -.00014, .00166

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 754.32,3.4658,.45946,755.43,757.09,750.43
Y_2243,Cts/S, 4155.6,7.7687,.18695,4153.4,4164.2,4149.1
Y_3710,Cts/S, 80956.,115.81,.14305,81075.,80844.,80948.
Y_3710-2,Cts/S, 8915.9,18.963,.21268,8936.4,8912.2,8899.0

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[Results]
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Ag3280,ppm, .01391,.01626,116.85, .03107, .01194, -.00127
Al3961,ppm, .09517,.07451,78.293, .03293, .07484, .17773
As1890,ppm, .00580,.01323,228.26, .00692, -.00796, .01843
B_2089,ppm, .01880,.00016,.86031, .01880, .01864, .01896
Ba4554,ppm, -.00422,.00247,58.544, -.00138, -.00590, -.00538
Be3130,ppm, -.00066,.00008,11.854, -.00073, -.00058, -.00068
Ca3179,ppm, .74258,.02588,3.4856, .75873, .75628, .71272
Cd2288,ppm, .00116,.00165,142.83, .00300, .00068, -.00020
Co2286,ppm, -.00072,.00116,161.11, -.00202, .00023, -.00038
Cr2677,ppm, .00485,.00043,8.8328, .00489, .00525, .00440
Cu3247,ppm, .03469,.00981,28.292, .04576, .03124, .02706
Fe2599,ppm, .22054,.03027,13.727, .25313, .21517, .19330
K_7664,ppm, .44569,.50411,113.11, .27159, 1.0138, .05172
Li6707,ppm, .03431,.02224,64.828, .01754, .02585, .05954
Mg2790,ppm, 1.0544,.24630,23.358, .80876, 1.0532, 1.3014
Mn2576,ppm, .01493,.00061,4.0996, .01507, .01426, .01546
Mo2020,ppm, -.00078,.00072,92.796, -.00085, -.00146, -.00002
Na5895,ppm, 12.798,.15047,1.1758, 12.969, 12.687, 12.737
Ni2316,ppm, .00803,.00275,34.291, .01105, .00567, .00736
Pb2203,ppm, -.01734,.02227,128.45, -.01354, .00279, -.04127
Sb2068,ppm, .00848,.02989,352.55, .03246, .01799, -.02501
Se1960,ppm, .00219,.01083,493.87, .01468, -.00337, -.00472
Sn1899,ppm, -.00020,.00924,4683.4, .00774, -.01034, .00202
Sr4077,ppm, .00985,.00165,16.772, .01173, .00914, .00867
Ti3349,ppm, .00485,.00726,149.58, -.00243, .00490, .01209
Tl1908,ppm, -.00119,.01535,1294.8, -.00949, .01653, -.01059
V_2924,ppm, .00131,.00279,213.01, .00285, .00298, -.00191
Zn2138,ppm, .10328,.00211,2.0413, .10096, .10379, .10508

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 864.55,1.1621,.13442,863.48,865.78,864.38
Y_2243,Cts/S, 4474.2,9.3280,.20848,4471.4,4484.6,4466.5
Y_3710,Cts/S, 87259.,156.66,.17953,87098.,87266.,87411.
Y_3710-2,Cts/S, 9027.2,25.606,.28365,9046.0,8998.0,9037.5
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14.1

14

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[Results]
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Ag3280,ppm, .00547,.01380,252.38, .00502, .01949, -.00810
Al3961,ppm, .46288,.06662,14.394, .42772, .53972, .42119
As1890,ppm, -.03735,.03169,84.835, -.04258, -.06610, -.00338
B_2089,ppm, 2.5117,.00843,.33557, 2.5091, 2.5211, 2.5048
Ba4554,ppm, .04676,.00318,6.8017, .04328, .04951, .04750
Be3130,ppm, -.00060,.00005,8.8673, -.00058, -.00056, -.00066
Ca3179,ppm, 244.76,.78833,.32209, 243.88, 244.99, 245.40
Cd2288,ppm, .00049,.00374,766.68, .00454, -.00285, -.00022
Co2286,ppm, .00148,.00833,562.62, -.00153, -.00493, .01090
Cr2677,ppm, .00749,.00304,40.626, .01035, .00429, .00784
Cu3247,ppm, .09078,.00294,3.2365, .08969, .09411, .08855
Fe2599,ppm, .30175,.03230,10.705, .31115, .32832, .26579
K_7664,ppm, 200.06,.85891,.42933, 199.40, 199.75, 201.03
Li6707,ppm, .12382,.01342,10.835, .12657, .10924, .13565
Mg2790,ppm, 735.41,3.9157,.53245, 731.26, 735.93, 739.04
Mn2576,ppm, .01357,.00104,7.6462, .01458, .01363, .01251
Mo2020,ppm, .00566,.00304,53.703, .00215, .00738, .00745
Na5895,ppm, 5624.0,79.462,1.4129, 5537.9, 5639.5, 5694.6
Ni2316,ppm, -.00514,.00888,172.58, -.01539, -.00025, .00021
Pb2203,ppm, -.01132,.01460,129.03, -.01296, -.02504, .00404
Sb2068,ppm, -.01583,.00790,49.884, -.00731, -.02290, -.01728
Se1960,ppm, .01457,.01327,91.072, .02420, -.00057, .02008
Sn1899,ppm, -.00308,.00888,288.40, .00603, -.00356, -.01170
Sr4077,ppm, 3.9323,.01619,.41160, 3.9147, 3.9357, 3.9466
Ti3349,ppm, .01518,.00692,45.619, .02303, .01251, .00998
Tl1908,ppm, -.00809,.03177,392.89, -.03722, -.01284, .02579
V_2924,ppm, -.00216,.00400,184.90, -.00385, -.00504, .00240
Zn2138,ppm, .01462,.00086,5.8593, .01377, .01462, .01548

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 789.66,2.4024,.30423,791.27,790.81,786.90
Y_2243,Cts/S, 4310.6,15.903,.36894,4320.4,4319.2,4292.3
Y_3710,Cts/S, 83996.,137.31,.16347,84154.,83902.,83933.
Y_3710-2,Cts/S, 9062.2,53.954,.59538,9115.5,9063.3,9007.6

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00687,.01853,269.64, .02777, -.00753, .00037
Al3961,ppm, .42277,.27438,64.900, .11222, .52372, .63237
As1890,ppm, -.02016,.00562,27.849, -.01838, -.02645, -.01565
B_2089,ppm, 2.5145,.01132,.45021, 2.5262, 2.5037, 2.5137
Ba4554,ppm, .05008,.00540,10.776, .05552, .04997, .04473
Be3130,ppm, -.00054,.00032,58.283, -.00066, -.00018, -.00078
Ca3179,ppm, 246.46,.38622,.15671, 246.54, 246.04, 246.80
Cd2288,ppm, .00250,.00289,115.91, .00577, .00028, .00144
Co2286,ppm, .00273,.00621,226.98, .00661, -.00442, .00602
Cr2677,ppm, .01016,.00210,20.692, .00824, .00983, .01240
Cu3247,ppm, .04508,.00371,8.2375, .04089, .04798, .04636
Fe2599,ppm, .27741,.03531,12.728, .31272, .24210, .27742
K_7664,ppm, 204.89,.37903,.18499, 205.04, 204.46, 205.17
Li6707,ppm, .15011,.00684,4.5585, .14523, .14716, .15793
Mg2790,ppm, 740.73,1.8540,.25029, 741.32, 738.65, 742.21
Mn2576,ppm, .01374,.00003,.24149, .01376, .01370, .01376
Mo2020,ppm, .00650,.00241,36.995, .00713, .00853, .00385
Na5895,ppm, 5656.4,12.673,.22405, 5667.8, 5658.6, 5642.8
Ni2316,ppm, -.00695,.00380,54.684, -.00407, -.00552, -.01126
Pb2203,ppm, -.02476,.00314,12.674, -.02324, -.02266, -.02836
Sb2068,ppm, -.00899,.00215,23.881, -.00822, -.01142, -.00734
Se1960,ppm, .01803,.01134,62.854, .01027, .03104, .01279
Sn1899,ppm, -.00765,.01273,166.45, -.02001, .00542, -.00835
Sr4077,ppm, 4.0089,.00732,.18265, 4.0169, 4.0072, 4.0026
Ti3349,ppm, .01873,.01043,55.675, .00715, .02166, .02737
Tl1908,ppm, .00599,.02442,407.49, .02778, .01060, -.02041
V_2924,ppm, .00144,.00493,341.85, -.00419, .00495, .00356
Zn2138,ppm, .01536,.00042,2.7265, .01577, .01540, .01493

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 780.69,2.3899,.30613,778.92,783.41,779.75
Y_2243,Cts/S, 4278.0,6.2662,.14648,4278.6,4283.9,4271.4
Y_3710,Cts/S, 82483.,194.19,.23543,82671.,82283.,82494.
Y_3710-2,Cts/S, 8863.7,61.221,.69069,8798.1,8919.3,8873.8

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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm,F .22385,.00175,.78374, .22330, .22244, .22582,Chk Fail,.25000,-10.000%
Al3961,ppm,F 35.548,.06889,.19381, 35.581, 35.593, 35.468,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0501,.00877,.42786, 2.0458, 2.0443, 2.0602,Chk Pass,,
B_2089,ppm, 2.0926,.00842,.40222, 2.0886, 2.0870, 2.1023,Chk Pass,,
Ba4554,ppm, 1.9249,.00052,.02725, 1.9243, 1.9253, 1.9251,Chk Pass,,
Be3130,ppm, 2.0796,.00752,.36176, 2.0812, 2.0862, 2.0714,Chk Pass,,
Ca3179,ppm, 39.094,.05884,.15051, 39.114, 39.140, 39.028,Chk Pass,,
Cd2288,ppm, 1.9947,.00596,.29869, 1.9916, 1.9909, 2.0016,Chk Pass,,
Co2286,ppm, 1.9803,.00433,.21874, 1.9783, 1.9774, 1.9853,Chk Pass,,
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Cr2677,ppm, 2.0815,.00231,.11118, 2.0834, 2.0789, 2.0821,Chk Pass,,
Cu3247,ppm,F 1.7951,.00941,.52394, 1.7875, 1.7923, 1.8056,Chk Fail,2.0000,-10.000%
Fe2599,ppm, 37.472,.09021,.24073, 37.528, 37.520, 37.368,Chk Pass,,
K_7664,ppm, 36.083,.07666,.21245, 36.099, 36.150, 35.999,Chk Pass,,
Li6707,ppm, 1.8382,.00225,.12251, 1.8373, 1.8408, 1.8366,Chk Pass,,
Mg2790,ppm, 38.792,.07302,.18825, 38.801, 38.860, 38.715,Chk Pass,,
Mn2576,ppm, 1.8905,.00886,.46865, 1.8849, 1.8858, 1.9007,Chk Pass,,
Mo2020,ppm, 1.9386,.00481,.24825, 1.9384, 1.9338, 1.9434,Chk Pass,,
Na5895,ppm, 37.724,.06876,.18226, 37.762, 37.764, 37.644,Chk Pass,,
Ni2316,ppm, 2.0109,.00644,.32021, 2.0057, 2.0090, 2.0181,Chk Pass,,
Pb2203,ppm, 1.9704,.00516,.26199, 1.9696, 1.9657, 1.9759,Chk Pass,,
Sb2068,ppm, 2.0245,.01046,.51686, 2.0148, 2.0230, 2.0356,Chk Pass,,
Se1960,ppm, 2.0141,.00848,.42120, 2.0159, 2.0049, 2.0215,Chk Pass,,
Sn1899,ppm, 2.0171,.00548,.27162, 2.0164, 2.0120, 2.0229,Chk Pass,,
Sr4077,ppm, 1.8091,.00315,.17425, 1.8111, 1.8109, 1.8055,Chk Pass,,
Ti3349,ppm, 1.9161,.00417,.21786, 1.9131, 1.9144, 1.9209,Chk Pass,,
Tl1908,ppm, 1.9999,.00742,.37117, 1.9955, 1.9956, 2.0084,Chk Pass,,
V_2924,ppm, 1.9014,.00478,.25165, 1.8987, 1.8986, 1.9069,Chk Pass,,
Zn2138,ppm, 2.0505,.00799,.38975, 2.0460, 2.0459, 2.0598,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 782.35,2.7208,.34777,785.39,780.14,781.53
Y_2243,Cts/S, 4404.7,16.343,.37104,4423.6,4395.8,4394.8
Y_3710,Cts/S, 86402.,89.268,.10332,86348.,86354.,86505.
Y_3710-2,Cts/S, 9235.7,48.203,.52192,9188.2,9234.5,9284.6

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[Results]
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Ag3280,ppm, .00087,.00032,36.212, .00085, .00056, .00119,Chk Pass,,
Al3961,ppm, .00164,.00048,29.042, .00157, .00215, .00120,Chk Pass,,
As1890,ppm, -.00132,.00041,31.400, -.00163, -.00148, -.00085,Chk Pass,,
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Ba4554,ppm, -.00007,.00007,104.04, -.00010, -.00012, .00001,Chk Pass,,
Be3130,ppm, .00000,.00001,364.06, .00000, .00000, .00001,Chk Pass,,
Ca3179,ppm, .00209,.00030,14.304, .00241, .00204, .00182,Chk Pass,,
Cd2288,ppm, .00008,.00011,134.95, .00006, -.00002, .00019,Chk Pass,,
Co2286,ppm, .00018,.00009,52.978, .00024, .00007, .00021,Chk Pass,,
Cr2677,ppm, .00018,.00008,46.662, .00008, .00022, .00023,Chk Pass,,
Cu3247,ppm, .00153,.00025,16.013, .00179, .00130, .00150,Chk Pass,,
Fe2599,ppm, .00108,.00124,114.66, .00041, .00032, .00250,Chk Pass,,
K_7664,ppm, .01015,.02087,205.52, -.00785, .00529, .03303,Chk Pass,,
Li6707,ppm, .00113,.00086,76.261, .00197, .00117, .00025,Chk Pass,,
Mg2790,ppm, -.00036,.00307,855.51, .00225, .00041, -.00373,Chk Pass,,
Mn2576,ppm, -.00001,.00003,348.84, -.00004, .00002, -.00001,Chk Pass,,
Mo2020,ppm, .00005,.00003,52.583, .00008, .00004, .00003,Chk Pass,,
Na5895,ppm, .22716,.00538,2.3664, .22670, .23276, .22204,Chk Pass,,
Ni2316,ppm, -.00002,.00017,731.35, .00017, -.00007, -.00017,Chk Pass,,
Pb2203,ppm, -.00073,.00063,85.255, -.00109, -.00001, -.00110,Chk Pass,,
Sb2068,ppm, -.00061,.00058,94.338, -.00037, -.00127, -.00019,Chk Pass,,
Se1960,ppm, .00140,.00045,32.150, .00109, .00192, .00119,Chk Pass,,
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Sn1899,ppm, -.00004,.00018,428.40, .00016, -.00012, -.00016,Chk Pass,,
Sr4077,ppm, .00007,.00004,59.567, .00002, .00010, .00010,Chk Pass,,
Ti3349,ppm, .00005,.00020,416.81, -.00013, .00027, .00000,Chk Pass,,
Tl1908,ppm, .00050,.00056,112.57, -.00013, .00094, .00068,Chk Pass,,
V_2924,ppm, -.00026,.00020,77.386, -.00032, -.00041, -.00003,Chk Pass,,
Zn2138,ppm, .00002,.00004,191.10, .00006, -.00001, .00000,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 872.92,5.0137,.57436,876.23,875.38,867.15
Y_2243,Cts/S, 4501.7,18.362,.40789,4517.4,4506.1,4481.5
Y_3710,Cts/S, 89514.,166.27,.18574,89613.,89607.,89322.
Y_3710-2,Cts/S, 9308.1,23.760,.25526,9280.7,9323.5,9320.0

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[Results]
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Ag3280,ppm, .01113,.00600,53.885, .00569, .01757, .01015
Al3961,ppm, .14409,.09386,65.142, .03676, .18468, .21083
As1890,ppm, -.01275,.01220,95.717, -.02350, .00051, -.01525
B_2089,ppm, 3.0731,.01094,.35610, 3.0721, 3.0627, 3.0845
Ba4554,ppm, .02445,.00373,15.250, .02033, .02759, .02542
Be3130,ppm, -.00060,.00017,28.811, -.00042, -.00061, -.00077
Ca3179,ppm, 284.08,.35564,.12519, 284.37, 284.20, 283.68
Cd2288,ppm, .00533,.00268,50.388, .00368, .00842, .00387
Co2286,ppm, .00083,.00385,461.02, -.00337, .00418, .00170
Cr2677,ppm, .01561,.00588,37.666, .02183, .01015, .01485
Cu3247,ppm, .05075,.00584,11.499, .05134, .04465, .05627
Fe2599,ppm, .10700,.01275,11.911, .09781, .12155, .10165
K_7664,ppm, 244.67,.80608,.32945, 244.98, 245.27, 243.76
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Mg2790,ppm, 888.62,1.7599,.19805, 889.81, 889.44, 886.59
Mn2576,ppm, .00468,.00138,29.583, .00308, .00538, .00557
Mo2020,ppm, .01269,.00447,35.256, .01053, .00970, .01783
Na5895,ppm, 6801.2,81.325,1.1957, 6827.8, 6865.9, 6709.9
Ni2316,ppm, -.01833,.00466,25.421, -.02229, -.01952, -.01320
Pb2203,ppm, -.02959,.02630,88.887, -.05541, -.03054, -.00283
Sb2068,ppm, .00286,.02184,764.04, .02536, .00146, -.01824
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Sn1899,ppm, -.00844,.00106,12.569, -.00886, -.00923, -.00723
Sr4077,ppm, 4.7725,.01264,.26478, 4.7849, 4.7729, 4.7597
Ti3349,ppm, .01610,.00753,46.734, .01403, .00983, .02445
Tl1908,ppm, .00988,.02717,275.15, -.00213, .04099, -.00922
V_2924,ppm, .00139,.00431,311.10, .00596, -.00261, .00081
Zn2138,ppm, .01128,.00152,13.452, .01179, .01248, .00958

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 779.85,4.5285,.58068,777.75,785.05,776.76
Y_2243,Cts/S, 4282.0,12.886,.30094,4274.8,4296.8,4274.2
Y_3710,Cts/S, 82917.,141.31,.17042,83033.,82958.,82759.
Y_3710-2,Cts/S, 8964.5,57.638,.64296,8918.8,8945.3,9029.2
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Zoom In
Zoom Out

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CorrFactor=25.00
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01964,.01076,54.808, .01713, .01035, .03144
Al3961,ppm, .35768,.08004,22.379, .27592, .43589, .36123
As1890,ppm, -.01698,.02826,166.44, .01322, -.04278, -.02137
B_2089,ppm, 3.2595,.02106,.64611, 3.2472, 3.2475, 3.2839
Ba4554,ppm, .02514,.00150,5.9498, .02650, .02539, .02354
Be3130,ppm, -.00073,.00035,47.113, -.00041, -.00110, -.00070
Ca3179,ppm, 300.21,.95901,.31945, 301.30, 299.50, 299.82
Cd2288,ppm, .00023,.00312,1330.3, .00222, .00185, -.00337
Co2286,ppm, .00316,.00226,71.411, .00168, .00204, .00576
Cr2677,ppm, .00056,.00585,1037.6, .00695, -.00071, -.00455
Cu3247,ppm, .05073,.00668,13.177, .05172, .04360, .05686
Fe2599,ppm, .16826,.03406,20.244, .17379, .13177, .19922
K_7664,ppm, 258.48,.99005,.38303, 259.47, 258.48, 257.49
Li6707,ppm, .19382,.04106,21.185, .20789, .22599, .14757
Mg2790,ppm, 949.64,6.1346,.64599, 956.58, 947.39, 944.95
Mn2576,ppm, .00847,.00054,6.3671, .00797, .00904, .00841
Mo2020,ppm, .01051,.00373,35.522, .01143, .00640, .01370
Na5895,ppm, 7184.0,23.622,.32881, 7166.5, 7210.8, 7174.6
Ni2316,ppm, -.00571,.00710,124.29, -.00565, -.01284, .00136
Pb2203,ppm, -.02029,.01442,71.089, -.01736, -.03595, -.00755
Sb2068,ppm, -.04268,.03141,73.591, -.03715, -.01441, -.07649
Se1960,ppm, .01689,.03900,230.84, .02415, -.02522, .05175
Sn1899,ppm, -.00929,.00636,68.456, -.01389, -.00203, -.01195
Sr4077,ppm, 5.0240,.02539,.50536, 5.0533, 5.0098, 5.0088
Ti3349,ppm, .01011,.00404,39.972, .01318, .01161, .00553
Tl1908,ppm, .01137,.01240,109.00, .02109, -.00259, .01562
V_2924,ppm, .00067,.01569,2331.6, .01520, .00278, -.01596
Zn2138,ppm, .03251,.00044,1.3463, .03222, .03230, .03301

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 788.17,6.0235,.76423,791.10,792.18,781.25
Y_2243,Cts/S, 4312.3,31.075,.72062,4336.2,4323.4,4277.1
Y_3710,Cts/S, 84026.,357.48,.42544,83881.,83764.,84433.
Y_3710-2,Cts/S, 9112.8,17.184,.18857,9112.1,9095.9,9130.3

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Custom ID3=
Run Time=9/6/2010 21:56:54
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .02189,.00397,18.137, .02637, .01879, .02051
Al3961,ppm, .97173,.06392,6.5779, 1.0183, .99808, .89885
As1890,ppm, .02446,.03055,124.90, -.02108, -.05656, .00426
B_2089,ppm, 1.0548,.00557,.52784, 1.0574, 1.0585, 1.0484
Ba4554,ppm, .07518,.00264,3.5125, .07383, .07823, .07350
Be3130,ppm, -.00036,.00016,44.547, -.00026, -.00028, -.00054
Ca3179,ppm, 124.34,.28236,.22708, 124.08, 124.64, 124.32
Cd2288,ppm, .00410,.00042,10.158, .00453, .00408, .00370
Co2286,ppm, -.00283,.00477,168.16, -.00548, .00267, -.00569
Cr2677,ppm, .00827,.00218,26.387, .00576, .00966, .00940
Cu3247,ppm, .04029,.00291,7.2243, .03694, .04220, .04174
Fe2599,ppm, .64187,.04584,7.1413, .62165, .69434, .60962
K_7664,ppm, 83.522,.89768,1.0748, 82.750, 84.507, 83.310
Li6707,ppm, .10953,.03811,34.795, .06620, .12452, .13787
Mg2790,ppm, 304.00,.73184,.24074, 303.36, 304.80, 303.84
Mn2576,ppm, .04219,.00055,1.3152, .04155, .04252, .04249
Mo2020,ppm, .00490,.00506,103.27, -.00030, .00981, .00519
Na5895,ppm, 2310.0,5.2377,.22674, 2306.7, 2316.1, 2307.3
Ni2316,ppm, -.00035,.00212,601.56, .00031, -.00272, .00135
Pb2203,ppm, -.02550,.01448,56.799, -.04222, -.01702, -.01725
Sb2068,ppm, -.01116,.02538,227.39, -.03255, .01689, -.01782
Se1960,ppm, -.01141,.02625,230.08, .01334, -.03894, -.00863
Sn1899,ppm, -.00753,.00400,53.168, -.01136, -.00338, -.00785
Sr4077,ppm, 1.6887,.00338,.20015, 1.6864, 1.6926, 1.6872
Ti3349,ppm, .02208,.00196,8.8682, .02245, .01996, .02383
Tl1908,ppm, .00871,.01165,133.66, .00473, .02183, -.00042
V_2924,ppm, .01100,.00509,46.256, .00587, .01107, .01605
Zn2138,ppm, .04347,.00183,4.2112, .04459, .04136, .04447

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 820.80,1.0153,.12370,820.90,821.76,819.74
Y_2243,Cts/S, 4385.7,6.4857,.14788,4378.3,4390.3,4388.6
Y_3710,Cts/S, 85464.,55.396,.06482,85500.,85492.,85401.
Y_3710-2,Cts/S, 9038.3,28.172,.31170,9061.1,9006.8,9046.9

[Sample Header]
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Run Time=9/6/2010 22:02:31
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .02250,.00465,20.679, .02525, .01713, .02513
Al3961,ppm, .35221,.02885,8.1901, .36145, .31988, .37530
As1890,ppm, -.02927,.00495,16.898, -.02356, -.03200, -.03226
B_2089,ppm, 3.3144,.01590,.47965, 3.3058, 3.3047, 3.3328
Ba4554,ppm, .03519,.00646,18.347, .04036, .02795, .03724
Be3130,ppm, -.00074,.00045,61.321, -.00104, -.00097, -.00022
Ca3179,ppm, 304.88,1.2881,.42251, 306.11, 304.98, 303.54
Cd2288,ppm, .00236,.00374,158.44, .00625, -.00122, .00205
Co2286,ppm, .00310,.00697,224.62, .00816, -.00485, .00601
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Cr2677,ppm, .01251,.00578,46.225, .00588, .01515, .01651
Cu3247,ppm, .05975,.00336,5.6212, .05863, .06352, .05709
Fe2599,ppm, .29508,.04634,15.703, .34854, .27026, .26644
K_7664,ppm, 262.02,.96597,.36867, 262.75, 262.38, 260.92
Li6707,ppm, .15517,.01716,11.060, .13541, .16636, .16374
Mg2790,ppm, 959.95,6.3413,.66058, 965.90, 960.68, 953.28
Mn2576,ppm, .01795,.00063,3.4876, .01727, .01850, .01807
Mo2020,ppm, .00784,.00257,32.721, .01068, .00570, .00714
Na5895,ppm, 7298.8,63.667,.87229, 7351.8, 7228.2, 7316.5
Ni2316,ppm, -.01498,.00505,33.722, -.01349, -.01085, -.02061
Pb2203,ppm, -.00301,.00288,95.453, -.00371, -.00548, .00015
Sb2068,ppm, -.00659,.03796,575.76, .02519, -.04862, .00366
Se1960,ppm, .03801,.04094,107.71, .07130, .05043, -.00770
Sn1899,ppm, -.01016,.00724,71.336, -.00232, -.01662, -.01153
Sr4077,ppm, 5.1053,.02957,.57926, 5.1355, 5.1040, 5.0764
Ti3349,ppm, .01536,.00534,34.780, .00952, .02001, .01655
Tl1908,ppm, -.00109,.00928,849.61, .00929, -.00858, -.00398
V_2924,ppm, .00119,.00731,615.59, .00944, -.00139, -.00448
Zn2138,ppm, .10128,.00218,2.1476, .09877, .10251, .10256

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 785.05,2.5237,.32147,784.28,787.87,783.01
Y_2243,Cts/S, 4309.3,13.028,.30233,4309.6,4322.2,4296.1
Y_3710,Cts/S, 83735.,327.63,.39127,83955.,83358.,83891.
Y_3710-2,Cts/S, 9127.8,59.095,.64742,9064.9,9136.2,9182.2

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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .02339,.01013,43.322, .01355, .02283, .03379
Al3961,ppm, .73619,.11865,16.117, .75381, .84504, .60971
As1890,ppm, -.03147,.03510,111.56, -.00605, -.01683, -.07152
B_2089,ppm, 3.4065,.01849,.54289, 3.4022, 3.3905, 3.4267
Ba4554,ppm, .03105,.00131,4.2339, .03084, .02986, .03246
Be3130,ppm, -.00050,.00028,55.102, -.00081, -.00029, -.00040
Ca3179,ppm, 311.45,.19743,.06339, 311.66, 311.26, 311.42
Cd2288,ppm, .00207,.00563,271.82, .00013, -.00233, .00841
Co2286,ppm, -.00075,.00475,634.76, .00461, -.00241, -.00445
Cr2677,ppm, .00400,.00763,190.75, .01196, -.00325, .00329
Cu3247,ppm, .05501,.00283,5.1529, .05751, .05559, .05193
Fe2599,ppm, .35282,.03403,9.6438, .37031, .31361, .37455
K_7664,ppm, 269.75,.64381,.23867, 270.33, 269.06, 269.86
Li6707,ppm, .17825,.02963,16.625, .21245, .16028, .16201
Mg2790,ppm, 986.88,1.0504,.10644, 988.05, 986.54, 986.03
Mn2576,ppm, .02395,.00043,1.7977, .02385, .02442, .02358
Mo2020,ppm, .00939,.00497,52.902, .01011, .00410, .01396
Na5895,ppm, 7521.1,100.51,1.3363, 7438.9, 7491.2, 7633.2
Ni2316,ppm, -.00904,.00362,40.031, -.00905, -.01265, -.00541
Pb2203,ppm, -.00103,.00593,575.52, -.00086, -.00705, .00481
Sb2068,ppm, -.00316,.01404,445.07, -.01922, .00682, .00293
Se1960,ppm, .00091,.06357,7013.5, -.06381, .06326, .00327
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Sn1899,ppm, -.01979,.00550,27.781, -.02088, -.02466, -.01383
Sr4077,ppm, 5.2247,.00222,.04249, 5.2272, 5.2239, 5.2230
Ti3349,ppm, .01908,.00538,28.202, .02071, .01308, .02347
Tl1908,ppm, .02031,.01253,61.717, .01034, .01621, .03438
V_2924,ppm, -.00001,.00411,33053., -.00106, .00452, -.00349
Zn2138,ppm, .00722,.00214,29.650, .00631, .00569, .00967

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 773.63,.85992,.11115,773.97,774.27,772.66
Y_2243,Cts/S, 4271.0,7.3127,.17122,4268.2,4279.3,4265.6
Y_3710,Cts/S, 83010.,226.06,.27233,83254.,82807.,82969.
Y_3710-2,Cts/S, 9030.6,38.614,.42759,9066.2,9036.1,8989.5

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Sample Type=Unk
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CorrFactor=25.00
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01321,.01038,78.582, .02022, .00129, .01811
Al3961,ppm, .09065,.18067,199.32, .28948, .04592, -.06346
As1890,ppm, -.02463,.01951,79.200, -.04634, -.01899, -.00857
B_2089,ppm, 3.6028,.00439,.12182, 3.6060, 3.5978, 3.6047
Ba4554,ppm, .01851,.00231,12.456, .01587, .01959, .02008
Be3130,ppm, -.00058,.00028,47.882, -.00048, -.00036, -.00089
Ca3179,ppm, 331.61,1.2321,.37154, 332.66, 331.91, 330.25
Cd2288,ppm, .00489,.00694,141.81, .00917, .00863, -.00311
Co2286,ppm, .00462,.00468,101.15, .00477, -.00013, .00922
Cr2677,ppm, .01272,.00944,74.264, .01030, .02314, .00472
Cu3247,ppm, .06114,.00954,15.606, .06699, .05013, .06630
Fe2599,ppm, .24188,.02784,11.510, .25613, .25971, .20980
K_7664,ppm, 291.08,1.6211,.55692, 292.86, 290.67, 289.70
Li6707,ppm, .21703,.01190,5.4816, .22929, .20553, .21627
Mg2790,ppm, 1065.2,4.9965,.46908, 1070.2, 1065.1, 1060.2
Mn2576,ppm, .00654,.00094,14.413, .00553, .00739, .00671
Mo2020,ppm, .00914,.00169,18.481, .01039, .00722, .00980
Na5895,ppm, 8031.6,100.57,1.2522, 8088.2, 8091.0, 7915.5
Ni2316,ppm, -.00737,.00805,109.31, .00054, -.01556, -.00708
Pb2203,ppm, -.02852,.02166,75.932, -.02196, -.05271, -.01090
Sb2068,ppm, -.04126,.02761,66.934, -.06729, -.01229, -.04418
Se1960,ppm, .03875,.05369,138.58, .09885, -.00450, .02189
Sn1899,ppm, -.00422,.00448,106.18, -.00329, -.00027, -.00908
Sr4077,ppm, 5.6202,.02233,.39740, 5.6387, 5.6265, 5.5954
Ti3349,ppm, .00872,.00749,85.886, .01072, .01501, .00044
Tl1908,ppm, .00965,.01008,104.55, .00559, .00222, .02113
V_2924,ppm, .00244,.00900,369.05, -.00761, .00516, .00977
Zn2138,ppm, .00498,.00231,46.411, .00334, .00398, .00763

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 778.54,1.9276,.24759,780.77,777.33,777.53
Y_2243,Cts/S, 4294.6,5.5978,.13034,4288.7,4295.3,4299.9
Y_3710,Cts/S, 83227.,87.630,.10529,83289.,83127.,83266.
Y_3710-2,Cts/S, 8968.8,23.733,.26462,8948.9,8962.3,8995.1
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[Sample Header]
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CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01411,.00290,20.535, .01577, .01578, .01076
Al3961,ppm, .09147,.03944,43.114, .12529, .04815, .10097
As1890,ppm, -.04627,.00748,16.159, -.04576, -.05399, -.03906
B_2089,ppm, 3.7038,.01186,.32011, 3.6971, 3.6968, 3.7175
Ba4554,ppm, .03885,.00202,5.1974, .03688, .03875, .04091
Be3130,ppm, -.00048,.00007,14.466, -.00045, -.00056, -.00043
Ca3179,ppm, 340.36,.6734S,.19787, 340.79, 339.58, 340.70
Cd2288,ppm, .00653,.00274,41.956, .00484, .00969, .00506
Co2286,ppm, -.00259,.00487,188.42, -.00407, .00286, -.00654
Cr2677,ppm, .01081,.00436,40.357, .00580, .01285, .01378
Cu3247,ppm, .05205,.00380,7.2978, .05642, .04957, .05016
Fe2599,ppm, .12727,.03328,26.151, .15885, .09251, .13046
K_7664,ppm, 297.58,.44843,.15069, 297.60, 297.12, 298.02
Li6707,ppm, .20234,.02996,14.808, .23575, .17785, .19342
Mg2790,ppm, 1095.7,2.9486,.26911, 1098.7, 1092.8, 1095.6
Mn2576,ppm, .00758,.00082,10.809, .00764, .00673, .00837
Mo2020,ppm, .00612,.00402,65.668, .00803, .00150, .00884
Na5895,ppm, 8158.2,109.01,1.3363, 8255.6, 8040.4, 8178.6
Ni2316,ppm, -.01693,.00204,12.070, -.01715, -.01886, -.01479
Pb2203,ppm, -.03092,.04087,132.20, .01338, -.03896, -.06717
Sb2068,ppm, -.00696,.01291,185.56, .00692, -.01861, -.00918
Se1960,ppm, -.00658,.03458,525.58, .03317, -.02322, -.02969
Sn1899,ppm, -.00389,.00326,83.702, -.00485, -.00656, -.00026
Sr4077,ppm, 5.7435,.01330,.23153, 5.7507, 5.7281, 5.7516
Ti3349,ppm, .01640,.00306,18.675, .01682, .01924, .01315
Tl1908,ppm, -.00421,.00869,206.34, -.00960, .00581, -.00884
V_2924,ppm, .00292,.00989,338.98, .01384, .00038, -.00546
Zn2138,ppm, -.00131,.00116,88.416, -.00213, -.00183, .00002

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 774.01,4.3836,.56634,775.88,777.15,769.00
Y_2243,Cts/S, 4275.9,26.610,.62233,4294.1,4288.2,4245.3
Y_3710,Cts/S, 83446.,133.94,.16051,83387.,83351.,83599.
Y_3710-2,Cts/S, 9051.1,30.358,.33540,9054.0,9079.9,9019.4

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 22:25:39
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01722,.00664,38.596, .00969, .01968, .02228
Al3961,ppm, .22425,.18851,84.063, .25406, .39607, .02261
As1890,ppm, -.03424,.03374,98.525, -.06591, -.03807, .00124
B_2089,ppm, 3.5252,.01184,.33575, 3.5201, 3.5387, 3.5167
Ba4554,ppm, .02253,.00200,8.8932, .02024, .02393, .02343
Be3130,ppm, -.00059,.00011,19.281, -.00046, -.00066, -.00064
Ca3179,ppm, 324.27,.28537,.08800, 324.24, 324.57, 324.00
Cd2288,ppm, .00075,.00418,557.19, .00216, -.00396, .00405
Co2286,ppm, -.00047,.00369,787.92, .00244, -.00461, .00077
Cr2677,ppm, .00794,.00869,109.40, .01584, -.00136, .00934
Cu3247,ppm, .04930,.00648,13.140, .05229, .05373, .04186
Fe2599,ppm, .06950,.03022,43.491, .10437, .05326, .05086
K_7664,ppm, 285.91,.83450,.29187, 286.77, 285.85, 285.11
Li6707,ppm, .21289,.01857,8.7224, .21937, .22736, .19195
Mg2790,ppm, 1044.0,2.8312,.27119, 1043.6, 1047.0, 1041.4
Mn2576,ppm, .01326,.00088,6.6492, .01416, .01240, .01323
Mo2020,ppm, .00741,.00318,42.911, .00683, .00456, .01084
Na5895,ppm, 7924.3,28.172,.35551, 7893.7, 7949.1, 7930.2
Ni2316,ppm, -.01435,.00621,43.267, -.01556, -.01985, -.00762
Pb2203,ppm, -.01415,.00981,69.335, -.01933, -.02028, -.00283
Sb2068,ppm, -.00179,.02769,1544.9, -.00625, .02786, -.02698
Se1960,ppm, .04309,.03188,73.988, .05152, .00784, .06991
Sn1899,ppm, -.01114,.00383,34.331, -.00948, -.00843, -.01552
Sr4077,ppm, 5.5257,.01245,.22530, 5.5312, 5.5344, 5.5114
Ti3349,ppm, .01003,.00306,30.498, .01075, .01266, .00667
Tl1908,ppm, -.01244,.03088,248.29, .00506, .00572, -.04809
V_2924,ppm, -.00647,.00234,36.200, -.00589, -.00447, -.00904
Zn2138,ppm, -.00164,.00046,28.069, -.00118, -.00210, -.00163

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 778.18,2.0074,.25796,779.67,778.98,775.90
Y_2243,Cts/S, 4291.8,1.2555,.02925,4292.2,4292.9,4290.4
Y_3710,Cts/S, 82789.,208.57,.25193,82830.,82973.,82562.
Y_3710-2,Cts/S, 8897.7,40.872,.45935,8911.5,8851.7,8929.9

[Sample Header]
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SampleName=T59309-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 22:31:27
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01613,.01305,80.911, .00112, .02245, .02482
Al3961,ppm, .28548,.15993,56.023, .14265, .45827, .25551
As1890,ppm, -.04679,.00746,15.933, -.03837, -.04949, -.05253
B_2089,ppm, 3.2539,.01264,.38853, 3.2418, 3.2529, 3.2670
Ba4554,ppm, .02194,.00561,25.551, .02101, .02796, .01686
Be3130,ppm, -.00057,.00006,9.7160, -.00063, -.00055, -.00053
Ca3179,ppm, 298.81,.91989,.30785, 299.18, 299.48, 297.76
Cd2288,ppm, -.00073,.00119,164.18, -.00065, -.00196, .00042
Co2286,ppm, .00432,.00563,130.24, .00253, -.00019, .01063
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Cr2677,ppm, .01298,.00252,19.441, .01541, .01037, .01314
Cu3247,ppm, .04705,.00432,9.1834, .05105, .04247, .04765
Fe2599,ppm, .14390,.01584,11.009, .15797, .14697, .12674
K_7664,ppm, 260.89,.95865,.36745, 259.96, 261.87, 260.84
Li6707,ppm, .20683,.01813,8.7641, .19011, .22609, .20428
Mg2790,ppm, 959.86,2.3224,.24195, 960.50, 961.80, 957.29
Mn2576,ppm, .01720,.00072,4.2128, .01786, .01730, .01642
Mo2020,ppm, .01075,.00652,60.663, .01826, .00742, .00657
Na5895,ppm, 7170.0,62.627,.87345, 7106.5, 7231.7, 7172.0
Ni2316,ppm, -.00805,.00344,42.786, -.00479, -.01165, -.00770
Pb2203,ppm, -.03212,.01452,45.210, -.01553, -.04254, -.03829
Sb2068,ppm, .01408,.02007,142.52, .03722, .00364, .00138
Se1960,ppm, .01182,.01117,94.531, .02410, .00909, .00226
Sn1899,ppm, -.01285,.00811,63.115, -.02217, -.00748, -.00889
Sr4077,ppm, 5.0252,.01597,.31772, 5.0300, 5.0383, 5.0074
Ti3349,ppm, .01122,.00262,23.382, .01335, .00829, .01202
Tl1908,ppm, -.00041,.00244,593.72, .00067, .00130, -.00320
V_2924,ppm, .01294,.00325,25.130, .01129, .01084, .01669
Zn2138,ppm, .01036,.00116,11.179, .00913, .01144, .01051

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 788.81,3.1300,.39680,790.03,791.14,785.25
Y_2243,Cts/S, 4328.6,19.879,.45924,4341.9,4338.1,4305.7
Y_3710,Cts/S, 84204.,239.71,.28467,83933.,84292.,84387.
Y_3710-2,Cts/S, 9035.9,15.669,.17341,9046.7,9017.9,9043.0

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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22864,.00144,.63100, .22917, .22974, .22700,Chk Pass,,
Al3961,ppm, 36.463,.18156,.49792, 36.317, 36.406, 36.667,Chk Pass,,
As1890,ppm, 2.0346,.00781,.38381, 2.0309, 2.0294, 2.0436,Chk Pass,,
B_2089,ppm, 2.0245,.00518,.25596, 2.0220, 2.0211, 2.0305,Chk Pass,,
Ba4554,ppm, 1.9204,.00800,.41646, 1.9148, 1.9169, 1.9296,Chk Pass,,
Be3130,ppm, 2.0924,.01862,.88972, 2.0716, 2.1074, 2.0982,Chk Pass,,
Ca3179,ppm, 39.635,.22069,.55680, 39.510, 39.505, 39.890,Chk Pass,,
Cd2288,ppm, 2.0017,.00450,.22475, 1.9993, 1.9989, 2.0069,Chk Pass,,
Co2286,ppm, 1.9881,.00483,.24295, 1.9868, 1.9840, 1.9934,Chk Pass,,
Cr2677,ppm, 2.0977,.00894,.42615, 2.0914, 2.1080, 2.0938,Chk Pass,,
Cu3247,ppm, 1.8337,.00503,.27421, 1.8331, 1.8389, 1.8289,Chk Pass,,
Fe2599,ppm, 38.136,.19142,.50194, 38.008, 38.044, 38.356,Chk Pass,,
K_7664,ppm, 37.079,.23279,.62783, 36.929, 36.960, 37.347,Chk Pass,,
Li6707,ppm, 1.8743,.00828,.44162, 1.8670, 1.8726, 1.8833,Chk Pass,,
Mg2790,ppm, 39.633,.23125,.58347, 39.508, 39.491, 39.900,Chk Pass,,
Mn2576,ppm, 1.9271,.00729,.37817, 1.9257, 1.9350, 1.9206,Chk Pass,,
Mo2020,ppm, 1.9472,.00526,.27029, 1.9459, 1.9426, 1.9529,Chk Pass,,
Na5895,ppm, 38.509,.18214,.47298, 38.403, 38.406, 38.720,Chk Pass,,
Ni2316,ppm, 2.0215,.00588,.29101, 2.0211, 2.0159, 2.0276,Chk Pass,,
Pb2203,ppm, 1.9825,.00668,.33673, 1.9814, 1.9765, 1.9897,Chk Pass,,
Sb2068,ppm, 1.9929,.00269,.13502, 1.9945, 1.9898, 1.9944,Chk Pass,,
Se1960,ppm, 2.0220,.00417,.20633, 2.0220, 2.0178, 2.0261,Chk Pass,,
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Sn1899,ppm, 2.0184,.01046,.51814, 2.0131, 2.0117, 2.0305,Chk Pass,,
Sr4077,ppm, 1.8519,.00965,.52123, 1.8456, 1.8470, 1.8630,Chk Pass,,
Ti3349,ppm, 1.9418,.00768,.39563, 1.9372, 1.9507, 1.9376,Chk Pass,,
Tl1908,ppm, 2.0097,.00492,.24481, 2.0074, 2.0062, 2.0153,Chk Pass,,
V_2924,ppm, 1.9220,.00655,.34077, 1.9206, 1.9291, 1.9162,Chk Pass,,
Zn2138,ppm, 2.0327,.00449,.22110, 2.0303, 2.0299, 2.0379,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 783.08,1.8459,.23572,782.90,785.01,781.33
Y_2243,Cts/S, 4408.7,10.982,.24909,4409.7,4419.1,4397.2
Y_3710,Cts/S, 85560.,382.51,.44706,85771.,85119.,85791.
Y_3710-2,Cts/S, 8923.0,31.402,.35192,8932.1,8948.8,8888.0

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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00089,.00036,40.580, .00130, .00073, .00063,Chk Pass,,
Al3961,ppm, -.00429,.00595,138.63, .00163, -.00424, -.01026,Chk Pass,,
As1890,ppm, -.00047,.00050,106.55, -.00049, .00004, -.00096,Chk Pass,,
B_2089,ppm, .00254,.00036,14.387, .00295, .00236, .00229,Chk Pass,,
Ba4554,ppm, -.00025,.00018,71.499, -.00029, -.00006, -.00041,Chk Pass,,
Be3130,ppm, .00000,.00001,746.30, .00001, .00000, -.00001,Chk Pass,,
Ca3179,ppm, .00241,.00069,28.422, .00263, .00296, .00164,Chk Pass,,
Cd2288,ppm, .00014,.00016,156.76, .00016, .00023, -.00008,Chk Pass,,
Co2286,ppm, .00011,.00017,156.66, .00003, .00031, -.00001,Chk Pass,,
Cr2677,ppm, .00047,.00003,7.2052, .00051, .00046, .00045,Chk Pass,,
Cu3247,ppm, .00161,.00024,14.927, .00147, .00189, .00148,Chk Pass,,
Fe2599,ppm, -.00041,.00064,155.14, -.00043, -.00105, .00024,Chk Pass,,
K_7664,ppm, .02466,.01253,50.800, .02301, .01304, .03792,Chk Pass,,
Li6707,ppm, .00103,.00038,37.413, .00120, .00059, .00130,Chk Pass,,
Mg2790,ppm, .00927,.00532,57.425, .01497, .00842, .00442,Chk Pass,,
Mn2576,ppm, .00000,.00010,3817.1, -.00011, .00008, .00004,Chk Pass,,
Mo2020,ppm, .00008,.00011,145.33, .00017, -.00005, .00011,Chk Pass,,
Na5895,ppm, .22814,.00606,2.6546, .22232, .22769, .23441,Chk Pass,,
Ni2316,ppm, -.00022,.00015,69.532, -.00009, -.00018, -.00038,Chk Pass,,
Pb2203,ppm, -.00099,.00090,90.499, -.00191, -.00011, -.00096,Chk Pass,,
Sb2068,ppm, -.00020,.00136,682.49, -.00081, .00135, -.00114,Chk Pass,,
Se1960,ppm, -.00084,.00104,124.21, -.00113, .00032, -.00171,Chk Pass,,
Sn1899,ppm, -.00001,.00042,2852.1, .00047, -.00022, -.00030,Chk Pass,,
Sr4077,ppm, .00011,.00003,25.172, .00013, .00008, .00011,Chk Pass,,
Ti3349,ppm, -.00012,.00021,171.48, -.00024, .00012, -.00025,Chk Pass,,
Tl1908,ppm, -.00006,.00051,793.12, .00014, -.00064, .00031,Chk Pass,,
V_2924,ppm, .00015,.00017,114.42, .00002, .00033, .00009,Chk Pass,,
Zn2138,ppm, -.00005,.00005,99.226, -.00010, -.00002, -.00002,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 883.56,4.5448,.51438,880.51,888.78,881.38
Y_2243,Cts/S, 4585.8,10.727,.23391,4579.8,4598.2,4579.5
Y_3710,Cts/S, 89417.,39.634,.04433,89455.,89419.,89376.
Y_3710-2,Cts/S, 9215.7,36.323,.39415,9174.2,9231.3,9241.6
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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00030,.00025,83.521, .00031, .00005, .00055
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As1890,ppm, .00013,.00149,1187.6, -.00065, -.00083, .00185
B_2089,ppm, .00179,.00042,23.370, .00224, .00141, .00173
Ba4554,ppm, -.00019,.00015,78.665, -.00037, -.00008, -.00013
Be3130,ppm, -.00002,.00000,10.399, -.00002, -.00001, -.00001
Ca3179,ppm, .02423,.00226,9.3099, .02676, .02242, .02352
Cd2288,ppm, .00021,.00005,22.001, .00020, .00017, .00027
Co2286,ppm, .00012,.00017,151.05, .00011, .00029, -.00006
Cr2677,ppm, .00030,.00045,148.63, .00018, -.00007, .00080
Cu3247,ppm, .00163,.00020,12.205, .00143, .00183, .00162
Fe2599,ppm, .00240,.00178,74.213, .00371, .00312, .00037
K_7664,ppm, .00162,.01319,814.25, .01504, -.01132, .00114
Li6707,ppm, .00063,.00061,96.828, .00118, -.00003, .00073
Mg2790,ppm, .00624,.00936,149.86, .01426, .00851, -.00404
Mn2576,ppm, .00051,.00004,8.0230, .00047, .00056, .00051
Mo2020,ppm, .00003,.00023,848.22, -.00024, .00013, .00019
Na5895,ppm, .23391,.00829,3.5459, .24287, .22650, .23236
Ni2316,ppm, -.00023,.00010,45.217, -.00030, -.00028, -.00011
Pb2203,ppm, -.00134,.00059,44.160, -.00093, -.00201, -.00107
Sb2068,ppm, .00178,.00081,45.532, .00094, .00185, .00256
Se1960,ppm, -.00023,.00196,858.63, -.00178, .00197, -.00087
Sn1899,ppm, -.00004,.00007,163.74, -.00004, .00003, -.00011
Sr4077,ppm, .00013,.00005,34.572, .00008, .00017, .00015
Ti3349,ppm, -.00010,.00026,254.89, -.00021, .00020, -.00030
Tl1908,ppm, -.00016,.00077,476.68, .00054, -.00004, -.00099
V_2924,ppm, .00015,.00020,138.59, .00003, .00003, .00038
Zn2138,ppm, .00105,.00003,2.9487, .00104, .00103, .00109

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 873.86,2.3991,.27454,875.09,875.40,871.10
Y_2243,Cts/S, 4528.3,11.801,.26061,4534.6,4535.6,4514.7
Y_3710,Cts/S, 89348.,132.85,.14869,89388.,89456.,89199.
Y_3710-2,Cts/S, 9170.4,35.698,.38927,9161.7,9139.9,9209.7

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 22:54:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .36902,.00092,.24943, .36997, .36813, .36897
Al3961,ppm, 47.935,.14149,.29517, 47.832, 48.097, 47.877
As1890,ppm, .41756,.00234,.55961, .41571, .41679, .42019
B_2089,ppm, 1.0117,.00386,.38106, 1.0102, 1.0088, 1.0161
Ba4554,ppm, .40144,.00103,.25758, .40025, .40189, .40217
Be3130,ppm, .43863,.00043,.09778, .43876, .43815, .43898
Ca3179,ppm, 50.118,.09116,.18189, 50.068, 50.223, 50.062
Cd2288,ppm, .41161,.00109,.26552, .41101, .41095, .41287
Co2286,ppm, .39821,.00124,.31121, .39783, .39721, .39960
Cr2677,ppm, .43734,.00054,.12285, .43684, .43725, .43791
Cu3247,ppm, .37835,.00067,.17665, .37911, .37807, .37787
Fe2599,ppm, 48.136,.13059,.27129, 48.118, 48.275, 48.016
K_7664,ppm, 46.317,.11399,.24611, 46.271, 46.447, 46.234
Li6707,ppm, .37770,.00025,.06493, .37748, .37796, .37764
Mg2790,ppm, 50.792,.08087,.15922, 50.745, 50.885, 50.745
Mn2576,ppm, .39563,.00031,.07878, .39553, .39538, .39598
Mo2020,ppm, .39955,.00124,.31075, .39898, .39871, .40098
Na5895,ppm, 47.973,.12856,.26798, 48.069, 48.023, 47.827
Ni2316,ppm, .41190,.00229,.55663, .40963, .41185, .41422
Pb2203,ppm, .40669,.00286,.70274, .40400, .40637, .40969
Sb2068,ppm, .41044,.00269,.65636, .40933, .40848, .41351
Se1960,ppm, .42220,.00099,.23505, .42110, .42303, .42248
Sn1899,ppm, .41114,.00177,.43037, .41130, .40930, .41283
Sr4077,ppm, .35745,.00073,.20557, .35727, .35826, .35683
Ti3349,ppm, .40150,.00057,.14098, .40194, .40171, .40086
Tl1908,ppm, .40778,.00317,.77857, .40533, .40664, .41137
V_2924,ppm, .39016,.00097,.24979, .39066, .38903, .39077
Zn2138,ppm, .42270,.00174,.41236, .42202, .42139, .42468

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 780.41,2.4042,.30807,783.18,778.88,779.17
Y_2243,Cts/S, 4416.0,6.9080,.15643,4419.6,4408.1,4420.5
Y_3710,Cts/S, 85622.,254.93,.29774,85384.,85891.,85592.
Y_3710-2,Cts/S, 9020.0,52.230,.57905,9032.0,8962.8,9065.2

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00323,.00119,36.929, .00213, .00449, .00306
Al3961,ppm, .04110,.02924,71.159, .03237, .01720, .07371
As1890,ppm, .00250,.00804,321.57, .01126, .00077, -.00453
B_2089,ppm, 1.7374,.00992,.57092, 1.7310, 1.7324, 1.7488
Ba4554,ppm, .06187,.00016,.26271, .06198, .06196, .06169
Be3130,ppm, .00018,.00009,47.133, .00028, .00012, .00014
Ca3179,ppm, 177.38,.69722,.39307, 177.74, 177.82, 176.57
Cd2288,ppm, .00023,.00059,252.35, -.00014, -.00007, .00091
Co2286,ppm, .00022,.00074,340.45, .00010, -.00046, .00100
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Cr2677,ppm, .00235,.00081,34.376, .00141, .00281, .00282
Cu3247,ppm, .01333,.00187,14.062, .01526, .01321, .01151
Fe2599,ppm, .02703,.00771,28.528, .01959, .03499, .02652
K_7664,ppm, 140.25,.70198,.50050, 140.76, 140.55, 139.45
Li6707,ppm, .09565,.00228,2.3809, .09303, .09715, .09677
Mg2790,ppm, 507.65,2.5276,.49790, 509.11, 509.11, 504.73
Mn2576,ppm, .00147,.00020,13.673, .00165, .00150, .00126
Mo2020,ppm, .00510,.00036,7.0546, .00470, .00540, .00519
Na5895,ppm, 3657.4,35.906,.98175, 3686.9, 3667.8, 3617.4
Ni2316,ppm, -.00253,.00035,13.841, -.00231, -.00234, -.00293
Pb2203,ppm, -.00310,.00681,220.07, .00363, -.00293, -.00999
Sb2068,ppm, -.00081,.00319,393.12, -.00231, -.00298, .00285
Se1960,ppm, -.00521,.00397,76.174, -.00443, -.00169, -.00952
Sn1899,ppm, -.00577,.00236,40.843, -.00305, -.00695, -.00730
Sr4077,ppm, 2.7295,.01018,.37286, 2.7358, 2.7348, 2.7177
Ti3349,ppm, .00413,.00040,9.5616, .00406, .00456, .00378
Tl1908,ppm, .00153,.00274,179.47, -.00163, .00291, .00329
V_2924,ppm, .00101,.00083,81.517, .00076, .00035, .00194
Zn2138,ppm, -.00092,.00007,7.3801, -.00085, -.00099, -.00091

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 728.76,3.6940,.50689,730.89,730.89,724.49
Y_2243,Cts/S, 4119.5,21.804,.52928,4138.5,4124.3,4095.7
Y_3710,Cts/S, 79794.,138.81,.17396,79908.,79639.,79834.
Y_3710-2,Cts/S, 8958.3,60.456,.67486,8986.8,8888.9,8999.3

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Username=admin
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00324,.00374,115.45, -.00107, .00524, .00554
Al3961,ppm, .06726,.01803,26.810, .05791, .08805, .05583
As1890,ppm, -.00074,.00169,229.71, -.00081, .00099, -.00240
B_2089,ppm, 1.7479,.00259,.14844, 1.7473, 1.7457, 1.7507
Ba4554,ppm, .06149,.00037,.60777, .06191, .06136, .06120
Be3130,ppm, .00000,.00003,4677.9, .00000, -.00004, .00003
Ca3179,ppm, 181.93,.14299,.07860, 182.07, 181.79, 181.93
Cd2288,ppm, .00092,.00107,116.39, .00110, .00190, -.00023
Co2286,ppm, .00023,.00088,390.04, .00094, -.00076, .00049
Cr2677,ppm, .00283,.00099,35.107, .00365, .00172, .00310
Cu3247,ppm, .01125,.00033,2.9238, .01147, .01088, .01141
Fe2599,ppm, .00041,.00154,370.72, -.00117, .00190, .00052
K_7664,ppm, 146.65,.19498,.13296, 146.87, 146.57, 146.50
Li6707,ppm, .09757,.00425,4.3553, .09680, .09376, .10215
Mg2790,ppm, 523.75,.53922,.10295, 524.22, 523.87, 523.16
Mn2576,ppm, .00120,.00007,6.1058, .00128, .00118, .00114
Mo2020,ppm, .00428,.00097,22.564, .00404, .00346, .00535
Na5895,ppm, 3744.3,20.573,.54944, 3723.6, 3764.7, 3744.8
Ni2316,ppm, -.00424,.00129,30.320, -.00544, -.00441, -.00288
Pb2203,ppm, -.00675,.00445,65.904, -.00940, -.00162, -.00924
Sb2068,ppm, .00009,.00182,1959.1, .00199, -.00164, -.00007
Se1960,ppm, .00519,.01082,208.64, .00436, .01639, -.00520
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Sn1899,ppm, -.00569,.00092,16.245, -.00610, -.00634, -.00463
Sr4077,ppm, 2.8403,.00534,.18807, 2.8463, 2.8386, 2.8361
Ti3349,ppm, .00458,.00035,7.5699, .00439, .00437, .00498
Tl1908,ppm, -.00202,.00101,50.155, -.00227, -.00091, -.00288
V_2924,ppm, .00075,.00100,133.79, -.00011, .00051, .00185
Zn2138,ppm, -.01012,.00034,3.3979, -.00981, -.01049, -.01008

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 729.80,1.1360,.15566,729.81,730.93,728.66
Y_2243,Cts/S, 4140.3,8.4035,.20297,4141.0,4148.3,4131.5
Y_3710,Cts/S, 78746.,181.64,.23067,78570.,78734.,78933.
Y_3710-2,Cts/S, 8725.7,28.675,.32863,8721.0,8756.4,8699.6

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CorrFactor=25.00
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01448,.00419,28.928, .01602, .01767, .00974
Al3961,ppm, .05203,.15758,302.87, .23209, -.06065, -.01537
As1890,ppm, .00273,.01987,728.34, -.01674, .02297, .00196
B_2089,ppm, 1.7093,.01311,.76702, 1.7113, 1.6953, 1.7213
Ba4554,ppm, .05928,.00077,1.3010, .05850, .05931, .06004
Be3130,ppm, -.00021,.00020,94.696, -.00003, -.00043, -.00019
Ca3179,ppm, 176.91,.61979,.35033, 177.61, 176.69, 176.44
Cd2288,ppm, .00529,.00401,75.785, .00889, .00600, .00097
Co2286,ppm, -.00335,.00338,100.82, .00026, -.00644, -.00387
Cr2677,ppm, .00491,.00539,109.79, .00974, .00589, -.00090
Cu3247,ppm, .04877,.01009,20.690, .04157, .06031, .04444
Fe2599,ppm, .08834,.01185,13.415, .10115, .08608, .07777
K_7664,ppm, 137.38,.98042,.71365, 138.26, 137.56, 136.33
Li6707,ppm, .12068,.01679,13.911, .13547, .12413, .10243
Mg2790,ppm, 506.86,2.3018,.45412, 509.46, 505.07, 506.06
Mn2576,ppm, .00304,.00029,9.6078, .00274, .00333, .00304
Mo2020,ppm, .00541,.00033,6.1466, .00503, .00564, .00557
Na5895,ppm, 3765.8,15.232,.40448, 3780.5, 3766.9, 3750.1
Ni2316,ppm, -.00330,.00484,146.37, -.00635, -.00583, .00227
Pb2203,ppm, -.02099,.02043,97.327, -.00748, -.04449, -.01099
Sb2068,ppm, .00412,.01933,469.38, -.01644, .02192, .00687
Se1960,ppm, -.00248,.03876,1564.2, -.04694, .02417, .01533
Sn1899,ppm, -.00721,.00449,62.215, -.00291, -.01186, -.00686
Sr4077,ppm, 2.6898,.01387,.51584, 2.7057, 2.6835, 2.6802
Ti3349,ppm, .01055,.00503,47.626, .00798, .01634, .00733
Tl1908,ppm, .00872,.01704,195.47, .02796, -.00448, .00267
V_2924,ppm, .01859,.01442,77.606, .02985, .00233, .02358
Zn2138,ppm, .06169,.00082,1.3248, .06150, .06099, .06259

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 816.60,2.8466,.34860,818.44,818.05,813.32
Y_2243,Cts/S, 4403.8,17.409,.39533,4413.5,4414.3,4383.7
Y_3710,Cts/S, 85921.,354.56,.41266,85522.,86041.,86201.
Y_3710-2,Cts/S, 9098.3,9.6276,.10582,9087.4,9105.4,9102.2
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[Sample Header]
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CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .37291,.00252,.67650, .37401, .37471, .37003
Al3961,ppm, 47.154,.13156,.27901, 47.003, 47.243, 47.216
As1890,ppm, .42829,.00428,.99928, .42602, .42562, .43323
B_2089,ppm, 2.7350,.01022,.37380, 2.7300, 2.7283, 2.7468
Ba4554,ppm, .45647,.00079,.17309, .45630, .45578, .45733
Be3130,ppm, .43168,.00028,.06381, .43158, .43199, .43147
Ca3179,ppm, 232.18,.60488,.26052, 231.79, 232.88, 231.88
Cd2288,ppm, .41094,.00063,.15273, .41026, .41105, .41149
Co2286,ppm, .38382,.00085,.22028, .38313, .38356, .38476
Cr2677,ppm, .43052,.00082,.19030, .42975, .43044, .43138
Cu3247,ppm, .38375,.00146,.38086, .38520, .38376, .38228
Fe2599,ppm, 47.059,.20954,.44527, 46.915, 47.299, 46.962
K_7664,ppm, 194.42,.58884,.30288, 194.02, 195.09, 194.13
Li6707,ppm, .46782,.00238,.50818, .47050, .46697, .46598
Mg2790,ppm, 577.30,1.8597,.32213, 575.94, 579.42, 576.55
Mn2576,ppm, .39057,.00075,.19237, .38996, .39141, .39034
Mo2020,ppm, .39465,.00201,.50973, .39340, .39358, .39697
Na5895,ppm, 3861.6,50.708,1.3131, 3879.5, 3900.9, 3804.4
Ni2316,ppm, .40037,.00328,.81901, .39946, .39764, .40401
Pb2203,ppm, .39359,.00839,2.1329, .38437, .39562, .40079
Sb2068,ppm, .41143,.00183,.44593, .41226, .40933, .41271
Se1960,ppm, .43196,.00220,.50992, .43392, .42958, .43236
Sn1899,ppm, .39288,.00301,.76517, .38942, .39480, .39443
Sr4077,ppm, 3.2285,.01075,.33304, 3.2238, 3.2408, 3.2208
Ti3349,ppm, .40033,.00192,.47850, .39811, .40141, .40146
Tl1908,ppm, .38562,.00287,.74494, .38230, .38743, .38711
V_2924,ppm, .38928,.00418,1.0743, .39410, .38665, .38709
Zn2138,ppm, .42624,.00212,.49805, .42546, .42462, .42864

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 717.21,2.8846,.40219,716.95,720.21,714.46
Y_2243,Cts/S, 4128.4,13.465,.32615,4122.9,4143.8,4118.6
Y_3710,Cts/S, 78720.,132.00,.16768,78701.,78598.,78860.
Y_3710-2,Cts/S, 8636.9,24.393,.28243,8658.6,8610.5,8641.4

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Run Time=9/6/2010 23:22:31
Sample Type=Unk
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CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .36889,.00280,.75774, .36913, .37156, .36599
Al3961,ppm, 46.275,.12084,.26113, 46.384, 46.297, 46.145
As1890,ppm, .42743,.00212,.49691, .42536, .42961, .42731
B_2089,ppm, 2.7657,.00819,.29614, 2.7654, 2.7577, 2.7741
Ba4554,ppm, .45293,.00176,.38811, .45275, .45127, .45477
Be3130,ppm, .43474,.00027,.06211, .43444, .43497, .43482
Ca3179,ppm, 232.20,.46445,.20002, 232.57, 232.35, 231.68
Cd2288,ppm, .41236,.00111,.26852, .41252, .41119, .41339
Co2286,ppm, .38327,.00197,.51481, .38371, .38111, .38499
Cr2677,ppm, .43434,.00385,.88645, .42999, .43732, .43570
Cu3247,ppm, .37792,.00225,.59649, .37689, .37637, .38051
Fe2599,ppm, 46.550,.10746,.23084, 46.620, 46.602, 46.426
K_7664,ppm, 191.81,.62005,.32326, 192.30, 192.02, 191.11
Li6707,ppm, .46348,.00524,1.1311, .46199, .46930, .45914
Mg2790,ppm, 576.83,1.9714,.34177, 578.59, 577.19, 574.70
Mn2576,ppm, .38689,.00068,.17699, .38697, .38753, .38617
Mo2020,ppm, .39555,.00145,.36679, .39546, .39415, .39705
Na5895,ppm, 3729.0,35.025,.93928, 3767.3, 3721.0, 3698.6
Ni2316,ppm, .40297,.00174,.43298, .40498, .40209, .40184
Pb2203,ppm, .39614,.00406,1.0256, .39839, .39857, .39145
Sb2068,ppm, .40985,.00093,.22569, .41064, .41008, .40883
Se1960,ppm, .43830,.00699,1.5950, .43312, .44625, .43553
Sn1899,ppm, .39353,.00086,.21764, .39291, .39317, .39450
Sr4077,ppm, 3.1866,.00986,.30933, 3.1967, 3.1862, 3.1770
Ti3349,ppm, .39889,.00168,.42114, .39766, .40081, .39822
Tl1908,ppm, .38408,.00450,1.1713, .38759, .37901, .38565
V_2924,ppm, .39013,.00320,.82007, .38792, .39380, .38867
Zn2138,ppm, .42979,.00212,.49350, .42878, .42837, .43223

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 724.95,.81968,.11307,724.27,725.86,724.71
Y_2243,Cts/S, 4161.7,9.8868,.23757,4167.0,4167.8,4150.3
Y_3710,Cts/S, 80310.,194.26,.24189,80092.,80463.,80376.
Y_3710-2,Cts/S, 8873.0,11.839,.13343,8860.0,8883.0,8876.1

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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00023,.00091,401.48, .00062, .00088, -.00081
Al3961,ppm, .04202,.04141,98.544, .04807, -.00208, .08008
As1890,ppm, -.00590,.00592,100.23, -.01137, -.00671, .00038
B_2089,ppm, 1.6865,.00510,.30233, 1.6811, 1.6912, 1.6873
Ba4554,ppm, .06372,.00058,.91027, .06306, .06415, .06394
Be3130,ppm, .00005,.00007,145.01, .00007, .00010, -.00003
Ca3179,ppm, 176.21,.38827,.22034, 176.48, 175.77, 176.39
Cd2288,ppm, .00142,.00027,19.118, .00132, .00122, .00173
Co2286,ppm, -.00043,.00083,194.40, -.00132, -.00026, .00030
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Cr2677,ppm, .00287,.00121,42.127, .00394, .00310, .00156
Cu3247,ppm, .01157,.00099,8.6014, .01241, .01047, .01182
Fe2599,ppm, .04073,.00626,15.359, .03351, .04411, .04456
K_7664,ppm, 140.70,.57567,.40913, 140.85, 140.07, 141.19
Li6707,ppm, .09404,.00384,4.0882, .08967, .09690, .09555
Mg2790,ppm, 500.59,1.8392,.36740, 501.66, 498.47, 501.64
Mn2576,ppm, .00101,.00013,13.067, .00104, .00113, .00087
Mo2020,ppm, .00544,.00009,1.6007, .00546, .00552, .00534
Na5895,ppm, 3576.1,43.089,1.2049, 3550.1, 3552.4, 3625.8
Ni2316,ppm, .01810,.00109,6.0188, .01689, .01900, .01841
Pb2203,ppm, -.00606,.00465,76.753, -.01126, -.00231, -.00460
Sb2068,ppm, -.00083,.00475,568.78, .00437, -.00492, -.00196
Se1960,ppm, .00634,.01240,195.74, -.00281, .00137, .02045
Sn1899,ppm, -.00408,.00208,50.882, -.00449, -.00592, -.00183
Sr4077,ppm, 2.7322,.00903,.33035, 2.7357, 2.7219, 2.7389
Ti3349,ppm, .00490,.00099,20.244, .00391, .00589, .00491
Tl1908,ppm, .00071,.00442,625.85, .00379, .00269, -.00436
V_2924,ppm, .00159,.00100,63.064, .00181, .00246, .00049
Zn2138,ppm, .00465,.00023,4.8753, .00458, .00490, .00446

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 725.89,.51003,.07026,726.41,725.39,725.88
Y_2243,Cts/S, 4121.6,17.289,.41947,4140.5,4117.8,4106.6
Y_3710,Cts/S, 78247.,289.76,.37032,78203.,78557.,77982.
Y_3710-2,Cts/S, 8705.7,16.774,.19268,8721.9,8706.8,8688.4

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Ag3280,ppm, .00225,.00276,122.61, .00049, .00084, .00543
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As1890,ppm, -.00396,.00467,117.96, -.00872, -.00376, .00061
B_2089,ppm, 3.4078,.00517,.15177, 3.4042, 3.4055, 3.4137
Ba4554,ppm, .02763,.00125,4.5299, .02668, .02715, .02904
Be3130,ppm, -.00009,.00001,10.373, -.00008, -.00008, -.00010
Ca3179,ppm, 313.50,.07315,.02333, 313.50, 313.43, 313.57
Cd2288,ppm, .00013,.00121,941.32, .00062, .00102, -.00125
Co2286,ppm, -.00031,.00063,199.61, -.00084, .00038, -.00049
Cr2677,ppm, .00004,.00207,5822.5, .00185, -.00222, .00048
Cu3247,ppm, .01295,.00102,7.8646, .01341, .01178, .01366
Fe2599,ppm, .00836,.00197,23.605, .00628, .00861, .01021
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Li6707,ppm, .16914,.00317,1.8724, .16623, .16867, .17251
Mg2790,ppm, 1022.7,1.0894,.10652, 1021.7, 1022.6, 1023.9
Mn2576,ppm, .00067,.00018,27.470, .00084, .00069, .00047
Mo2020,ppm, .00871,.00131,15.095, .00719, .00950, .00943
Na5895,ppm, 6535.9,33.062,.50585, 6562.7, 6499.0, 6546.2
Ni2316,ppm, -.00812,.00265,32.692, -.01073, -.00820, -.00542
Pb2203,ppm, -.00552,.00192,34.853, -.00766, -.00494, -.00394
Sb2068,ppm, -.00253,.00751,296.58, .00202, -.01120, .00159
Se1960,ppm, .01205,.01516,125.81, .00608, .00078, .02928
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Sn1899,ppm, -.00544,.00155,28.468, -.00381, -.00689, -.00563
Sr4077,ppm, 5.3974,.01040,.19276, 5.4057, 5.4009, 5.3858
Ti3349,ppm, .00619,.00181,29.226, .00452, .00594, .00811
Tl1908,ppm, .00172,.00181,105.37, .00372, .00123, .00020
V_2924,ppm, .00149,.00112,75.165, .00270, .00049, .00129
Zn2138,ppm, -.00489,.00037,7.6639, -.00488, -.00527, -.00452

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 687.14,.73267,.10663,686.83,687.97,686.60
Y_2243,Cts/S, 3986.4,4.3913,.11016,3982.3,3991.0,3985.9
Y_3710,Cts/S, 75808.,197.10,.26000,75665.,75725.,76033.
Y_3710-2,Cts/S, 8651.8,14.151,.16356,8668.1,8642.8,8644.5

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CorrFactor=5.000
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Al3961,ppm, .04638,.02400,51.753, .03109, .03400, .07404
As1890,ppm, -.00224,.00775,345.15, -.00604, .00667, -.00737
B_2089,ppm, 3.4869,.02057,.58980, 3.4723, 3.4779, 3.5104
Ba4554,ppm, .02251,.00027,1.1983, .02226, .02248, .02280
Be3130,ppm, -.00004,.00008,180.22, .00005, -.00008, -.00010
Ca3179,ppm, 316.64,.88787,.28040, 317.60, 316.46, 315.85
Cd2288,ppm, .00035,.00056,158.78, .00069, -.00029, .00065
Co2286,ppm, -.00061,.00094,154.73, -.00077, -.00146, .00040
Cr2677,ppm, .00192,.00119,62.318, .00255, .00265, .00054
Cu3247,ppm, .01377,.00108,7.8740, .01499, .01342, .01291
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Mg2790,ppm, 1035.3,3.3384,.32247, 1038.9, 1034.6, 1032.3
Mn2576,ppm, .00183,.00035,19.184, .00142, .00207, .00198
Mo2020,ppm, .00833,.00116,13.890, .00767, .00765, .00966
Na5895,ppm, 6611.6,57.902,.87576, 6559.1, 6673.7, 6602.1
Ni2316,ppm, -.00605,.00142,23.442, -.00763, -.00489, -.00562
Pb2203,ppm, -.00528,.00346,65.510, -.00498, -.00888, -.00198
Sb2068,ppm, -.00356,.00878,246.61, .00506, -.00326, -.01248
Se1960,ppm, -.00316,.01962,620.62, .01896, -.01848, -.00996
Sn1899,ppm, -.00631,.00055,8.6424, -.00571, -.00677, -.00645
Sr4077,ppm, 5.4872,.01231,.22439, 5.5013, 5.4783, 5.4821
Ti3349,ppm, .00420,.00246,58.542, .00136, .00573, .00550
Tl1908,ppm, .00007,.00236,3502.3, -.00223, .00249, -.00007
V_2924,ppm, .00089,.00036,40.594, .00118, .00049, .00098
Zn2138,ppm, -.02130,.00031,1.4584, -.02158, -.02135, -.02096

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 678.79,2.0647,.30417,678.92,680.78,676.66
Y_2243,Cts/S, 3933.9,10.906,.27722,3938.2,3942.1,3921.5
Y_3710,Cts/S, 75151.,274.64,.36545,74891.,75439.,75124.
Y_3710-2,Cts/S, 8631.4,17.112,.19825,8620.2,8622.9,8651.1
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14.1
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Zoom In
Zoom Out

sa090610s.icp

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[Sample Header]
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SampleName=CCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 23:45:27
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm,F .22448,.00134,.59541, .22300, .22485, .22559,Chk Fail,.25000,-10.000%
Al3961,ppm,F 35.877,.07548,.21037, 35.944, 35.893, 35.795,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0475,.00721,.35211, 2.0399, 2.0485, 2.0542,Chk Pass,,
B_2089,ppm, 2.0294,.00554,.27277, 2.0254, 2.0271, 2.0357,Chk Pass,,
Ba4554,ppm, 1.9106,.00247,.12940, 1.9077, 1.9122, 1.9117,Chk Pass,,
Be3130,ppm, 2.0850,.00444,.21302, 2.0875, 2.0877, 2.0799,Chk Pass,,
Ca3179,ppm, 39.388,.05621,.14270, 39.396, 39.440, 39.328,Chk Pass,,
Cd2288,ppm, 2.0038,.00563,.28087, 1.9997, 2.0014, 2.0102,Chk Pass,,
Co2286,ppm, 1.9919,.00614,.30833, 1.9891, 1.9877, 1.9990,Chk Pass,,
Cr2677,ppm, 2.1055,.00158,.07521, 2.1042, 2.1072, 2.1050,Chk Pass,,
Cu3247,ppm, 1.8052,.00648,.35910, 1.7977, 1.8085, 1.8094,Chk Pass,,
Fe2599,ppm, 37.691,.08587,.22784, 37.770, 37.704, 37.600,Chk Pass,,
K_7664,ppm, 36.602,.06187,.16903, 36.668, 36.594, 36.545,Chk Pass,,
Li6707,ppm, 1.8539,.00411,.22179, 1.8546, 1.8575, 1.8494,Chk Pass,,
Mg2790,ppm, 39.335,.08604,.21873, 39.425, 39.326, 39.254,Chk Pass,,
Mn2576,ppm, 1.9089,.00588,.30792, 1.9025, 1.9102, 1.9141,Chk Pass,,
Mo2020,ppm, 1.9469,.00569,.29247, 1.9442, 1.9430, 1.9534,Chk Pass,,
Na5895,ppm, 38.071,.10996,.28883, 38.162, 38.101, 37.949,Chk Pass,,
Ni2316,ppm, 2.0327,.00741,.36441, 2.0262, 2.0312, 2.0408,Chk Pass,,
Pb2203,ppm, 1.9934,.00715,.35867, 1.9879, 1.9907, 2.0015,Chk Pass,,
Sb2068,ppm, 2.0028,.00827,.41270, 1.9974, 1.9987, 2.0123,Chk Pass,,
Se1960,ppm, 2.0330,.00454,.22317, 2.0301, 2.0306, 2.0382,Chk Pass,,
Sn1899,ppm, 2.0247,.00780,.38524, 2.0223, 2.0184, 2.0334,Chk Pass,,
Sr4077,ppm, 1.8274,.00394,.21539, 1.8315, 1.8272, 1.8236,Chk Pass,,
Ti3349,ppm, 1.9305,.00372,.19252, 1.9262, 1.9332, 1.9319,Chk Pass,,
Tl1908,ppm, 2.0204,.00775,.38367, 2.0133, 2.0192, 2.0287,Chk Pass,,
V_2924,ppm, 1.9103,.00367,.19238, 1.9061, 1.9129, 1.9119,Chk Pass,,
Zn2138,ppm, 2.0372,.00638,.31305, 2.0326, 2.0346, 2.0445,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 789.70,1.4000,.17728,791.07,789.75,788.27
Y_2243,Cts/S, 4453.9,4.3574,.09783,4456.1,4456.8,4448.9
Y_3710,Cts/S, 86812.,29.688,.03420,86791.,86798.,86846.
Y_3710-2,Cts/S, 9127.0,37.544,.41135,9102.9,9107.8,9170.3

[Sample Header]
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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 23:50:57
Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00072,.00046,63.521, .00082, .00113, .00023,Chk Pass,,
Al3961,ppm, .00315,.00404,128.08, .00711, -.00096, .00331,Chk Pass,,
As1890,ppm, .00006,.00177,3143.0, -.00152, .00196, -.00027,Chk Pass,,
B_2089,ppm, .00323,.00020,6.2424, .00304, .00322, .00344,Chk Pass,,
Ba4554,ppm, -.00015,.00009,57.311, -.00025, -.00013, -.00008,Chk Pass,,
Be3130,ppm, .00001,.00001,150.34, .00001, .00000, .00001,Chk Pass,,
Ca3179,ppm, .00031,.00080,260.70, .00122, -.00027, -.00003,Chk Pass,,
Cd2288,ppm, -.00006,.00006,92.995, -.00001, -.00006, -.00012,Chk Pass,,
Co2286,ppm, .00025,.00016,63.052, .00041, .00026, .00009,Chk Pass,,
Cr2677,ppm, .00008,.00023,296.11, -.00006, .00034, -.00005,Chk Pass,,
Cu3247,ppm, .00182,.00035,18.952, .00221, .00167, .00157,Chk Pass,,
Fe2599,ppm, .00026,.00136,519.42, .00182, -.00032, -.00071,Chk Pass,,
K_7664,ppm, .04415,.03474,78.693, .00643, .05117, .07485,Chk Pass,,
Li6707,ppm, .00153,.00099,64.424, .00108, .00266, .00085,Chk Pass,,
Mg2790,ppm, .00696,.00862,123.78, .01567, -.00156, .00678,Chk Pass,,
Mn2576,ppm, .00004,.00003,81.646, .00002, .00001, .00007,Chk Pass,,
Mo2020,ppm, .00006,.00019,331.85, .00028, -.00005, -.00005,Chk Pass,,
Na5895,ppm, .39689,.00785,1.9791, .38956, .39593, .40518,Chk Pass,,
Ni2316,ppm, -.00014,.00044,326.56, .00019, -.00064, .00004,Chk Pass,,
Pb2203,ppm, -.00077,.00095,123.40, -.00085, -.00167, .00022,Chk Pass,,
Sb2068,ppm, -.00020,.00088,432.26, .00077, -.00044, -.00095,Chk Pass,,
Se1960,ppm, -.00020,.00098,500.21, .00041, -.00132, .00032,Chk Pass,,
Sn1899,ppm, .00007,.00048,722.87, -.00008, .00060, -.00032,Chk Pass,,
Sr4077,ppm, -.00001,.00012,1280.4, -.00001, -.00012, .00011,Chk Pass,,
Ti3349,ppm, -.00020,.00021,103.46, -.00039, -.00023, .00002,Chk Pass,,
Tl1908,ppm, .00001,.00029,2414.6, .00000, .00031, -.00027,Chk Pass,,
V_2924,ppm, .00023,.00053,228.43, -.00035, .00037, -.00068,Chk Pass,,
Zn2138,ppm, -.00008,.00005,61.596, -.00003, -.00012, -.00008,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 878.26,3.9065,.44480,880.88,880.14,873.77
Y_2243,Cts/S, 4542.0,18.087,.39823,4558.7,4544.5,4522.8
Y_3710,Cts/S, 89276.,102.70,.11504,89246.,89390.,89191.
Y_3710-2,Cts/S, 9149.2,37.632,.41132,9156.1,9108.7,9183.0

[Sample Header]
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SampleName=T59296-5F
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/6/2010 23:56:39
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00421,.00154,36.515, .00327, .00337, .00598
Al3961,ppm, .02086,.02915,139.77, -.00583, .05197, .01643
As1890,ppm, -.00170,.00463,272.34, .00335, -.00270, -.00575
B_2089,ppm, 2.3162,.00806,.34789, 2.3089, 2.3149, 2.3248
Ba4554,ppm, .04710,.00038,.80266, .04752, .04699, .04679
Be3130,ppm, -.00010,.00007,70.978, -.00009, -.00017, -.00003
Ca3179,ppm, 223.99,.25933,.11578, 223.75, 223.96, 224.26
Cd2288,ppm, .00010,.00104,1037.8, .00121, -.00084, -.00008
Co2286,ppm, .00016,.00097,592.80, -.00068, -.00006, .00123
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Cr2677,ppm, .00242,.00161,66.361, .00428, .00143, .00157
Cu3247,ppm, .01371,.00030,2.1587, .01341, .01400, .01372
Fe2599,ppm, .01065,.00309,28.979, .01397, .00788, .01010
K_7664,ppm, 190.64,.45917,.24085, 190.24, 190.56, 191.14
Li6707,ppm, .12155,.00210,1.7306, .12119, .12381, .11964
Mg2790,ppm, 681.02,1.0804,.15865, 680.73, 680.11, 682.21
Mn2576,ppm, .00084,.00021,24.479, .00061, .00089, .00101
Mo2020,ppm, .00721,.00085,11.864, .00636, .00807, .00719
Na5895,ppm, 4853.8,25.882,.53323, 4882.7, 4832.8, 4845.7
Ni2316,ppm, -.00397,.00079,19.948, -.00395, -.00319, -.00478
Pb2203,ppm, .00019,.00563,2890.9, .00149, .00506, -.00597
Sb2068,ppm, .00303,.00244,80.550, .00463, .00422, .00022
Se1960,ppm, .00346,.00230,66.336, .00401, .00543, .00094
Sn1899,ppm, -.00305,.00118,38.702, -.00402, -.00174, -.00338
Sr4077,ppm, 3.6481,.00479,.13122, 3.6429, 3.6494, 3.6522
Ti3349,ppm, .00497,.00035,6.9759, .00532, .00463, .00495
Tl1908,ppm, .00366,.00372,101.62, .00428, -.00033, .00704
V_2924,ppm, .00088,.00062,70.568, .00021, .00099, .00143
Zn2138,ppm, -.01029,.00030,2.9592, -.01064, -.01008, -.01016

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 711.85,2.6077,.36632,710.02,714.84,710.69
Y_2243,Cts/S, 4066.6,2.4139,.05936,4066.4,4069.2,4064.4
Y_3710,Cts/S, 77789.,451.27,.58012,77685.,77399.,78283.
Y_3710-2,Cts/S, 8781.1,35.879,.40859,8746.8,8778.1,8818.4

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:02:26
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00263,.00387,147.13, .00113, -.00027, .00703
Al3961,ppm, -.00584,.04786,819.72, .04924, -.03726, -.02949
As1890,ppm, -.00632,.00313,49.533, -.00271, -.00810, -.00817
B_2089,ppm, 2.8381,.00502,.17676, 2.8349, 2.8356, 2.8439
Ba4554,ppm, .03229,.00034,1.0651, .03268, .03206, .03211
Be3130,ppm, -.00006,.00001,13.363, -.00005, -.00006, -.00007
Ca3179,ppm, 264.17,.60968,.23079, 264.36, 264.67, 263.49
Cd2288,ppm, -.00019,.00098,515.76, -.00081, -.00070, .00094
Co2286,ppm, -.00085,.00121,142.99, -.00167, -.00141, .00054
Cr2677,ppm, .00388,.00060,15.360, .00319, .00427, .00417
Cu3247,ppm, .01508,.00121,8.0124, .01485, .01401, .01639
Fe2599,ppm, .00313,.00274,87.270, .00178, .00134, .00628
K_7664,ppm, 236.02,.67699,.28683, 236.26, 236.55, 235.26
Li6707,ppm, .14151,.00495,3.4987, .13806, .14718, .13929
Mg2790,ppm, 841.99,3.0774,.36549, 843.33, 844.16, 838.47
Mn2576,ppm, .00097,.00016,16.599, .00115, .00086, .00089
Mo2020,ppm, .00743,.00083,11.120, .00655, .00755, .00819
Na5895,ppm, 5640.6,34.312,.60832, 5660.7, 5660.1, 5600.9
Ni2316,ppm, -.00760,.00117,15.448, -.00628, -.00797, -.00854
Pb2203,ppm, -.00184,.00362,196.74, .00131, -.00579, -.00104
Sb2068,ppm, -.00019,.00777,4082.2, .00611, -.00888, .00220
Se1960,ppm, .00558,.00944,169.20, .01154, .01050, -.00530
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Sn1899,ppm, -.00610,.00232,37.987, -.00397, -.00575, -.00857
Sr4077,ppm, 4.4571,.01079,.24211, 4.4567, 4.4681, 4.4466
Ti3349,ppm, .00555,.00096,17.291, .00615, .00606, .00444
Tl1908,ppm, -.00375,.00066,17.630, -.00387, -.00304, -.00435
V_2924,ppm, .00054,.00154,285.07, -.00022, -.00047, .00232
Zn2138,ppm, -.01984,.00037,1.8468, -.01980, -.02022, -.01949

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 694.47,1.9183,.27622,695.89,695.23,692.29
Y_2243,Cts/S, 3979.6,9.0164,.22656,3976.6,3989.8,3972.5
Y_3710,Cts/S, 76569.,179.09,.23389,76732.,76377.,76598.
Y_3710-2,Cts/S, 8741.3,13.692,.15663,8734.9,8757.1,8732.1

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:08:15
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00285,.00117,41.121, .00420, .00228, .00207
Al3961,ppm, .01678,.01321,78.740, .02572, .00160, .02302
As1890,ppm, -.00325,.00245,75.209, -.00432, -.00499, -.00045
B_2089,ppm, 3.1744,.00847,.26667, 3.1697, 3.1694, 3.1842
Ba4554,ppm, .02916,.00022,.75434, .02891, .02932, .02925
Be3130,ppm, -.00010,.00005,47.288, -.00009, -.00005, -.00014
Ca3179,ppm, 294.60,.75959,.25783, 295.37, 294.59, 293.85
Cd2288,ppm, .00002,.00043,2080.7, -.00046, .00036, .00016
Co2286,ppm, -.00040,.00066,165.96, -.00103, -.00043, .00028
Cr2677,ppm, .00337,.00186,55.221, .00217, .00552, .00243
Cu3247,ppm, .01382,.00026,1.8493, .01364, .01371, .01411
Fe2599,ppm, .00238,.01034,434.13, -.00945, .00966, .00693
K_7664,ppm, 268.52,.99165,.36930, 269.47, 268.59, 267.49
Li6707,ppm, .15560,.00404,2.5986, .15491, .15994, .15195
Mg2790,ppm, 950.24,2.7664,.29112, 953.38, 949.19, 948.16
Mn2576,ppm, .00049,.00026,53.287, .00035, .00033, .00080
Mo2020,ppm, .00811,.00121,14.852, .00684, .00827, .00924
Na5895,ppm, 6125.6,98.672,1.6108, 6187.9, 6177.2, 6011.9
Ni2316,ppm, -.00799,.00112,14.032, -.00853, -.00874, -.00670
Pb2203,ppm, -.00164,.00722,441.09, .00661, -.00475, -.00678
Sb2068,ppm, -.00578,.00472,81.781, -.00136, -.00522, -.01075
Se1960,ppm, .00738,.00769,104.26, .00001, .01536, .00676
Sn1899,ppm, -.00388,.00240,61.968, -.00299, -.00204, -.00660
Sr4077,ppm, 5.0503,.01673,.33136, 5.0677, 5.0489, 5.0343
Ti3349,ppm, .00454,.00284,62.553, .00234, .00353, .00774
Tl1908,ppm, -.00316,.00696,220.07, .00065, -.01120, .00106
V_2924,ppm, .00126,.00197,156.97, .00354, .00011, .00012
Zn2138,ppm, .00432,.00048,11.091, .00377, .00454, .00464

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 694.72,2.4337,.35032,695.18,696.90,692.10
Y_2243,Cts/S, 4016.3,19.433,.48384,4025.8,4029.2,3994.0
Y_3710,Cts/S, 76171.,96.823,.12711,76072.,76265.,76175.
Y_3710-2,Cts/S, 8667.8,42.731,.49299,8630.9,8657.8,8714.6
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[Sample Header]
Method=icapns(v488)
SampleName=T59306-3F
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:14:03
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00411,.00164,40.018, .00330, .00302, .00600
Al3961,ppm, .04936,.01859,37.660, .07052, .04189, .03567
As1890,ppm, -.00330,.00645,195.85, -.00195, -.01032, .00238
B_2089,ppm, 1.0033,.00122,.12151, 1.0023, 1.0030, 1.0047
Ba4554,ppm, .07307,.00085,1.1655, .07393, .07222, .07306
Be3130,ppm, -.00011,.00003,29.271, -.00014, -.00007, -.00011
Ca3179,ppm, 117.85,.18114,.15370, 117.98, 117.93, 117.64
Cd2288,ppm, .00042,.00014,34.023, .00049, .00051, .00025
Co2286,ppm, .00018,.00066,367.39, -.00030, .00093, -.00009
Cr2677,ppm, .00092,.00163,176.53, .00071, .00264, -.00059
Cu3247,ppm, .01336,.00043,3.2127, .01383, .01299, .01326
Fe2599,ppm, .00786,.00333,42.396, .00495, .00714, .01150
K_7664,ppm, 79.907,.34586,.43283, 79.870, 80.270, 79.582
Li6707,ppm, .05358,.00214,4.0010, .05410, .05123, .05542
Mg2790,ppm, 288.91,.57362,.19855, 289.32, 289.15, 288.25
Mn2576,ppm, .00056,.00031,54.510, .00031, .00090, .00047
Mo2020,ppm, .00381,.00082,21.605, .00294, .00458, .00390
Na5895,ppm, 2074.4,22.379,1.0788, 2073.7, 2052.3, 2097.1
Ni2316,ppm, -.00102,.00104,102.41, -.00189, -.00128, .00013
Pb2203,ppm, -.00547,.00228,41.729, -.00285, -.00705, -.00650
Sb2068,ppm, .00369,.00494,133.90, .00871, .00351, -.00116
Se1960,ppm, .00356,.00587,164.86, .00068, .01031, -.00031
Sn1899,ppm, -.00335,.00090,26.994, -.00408, -.00234, -.00363
Sr4077,ppm, 1.5985,.00338,.21133, 1.5999, 1.6009, 1.5946
Ti3349,ppm, .00285,.00185,64.744, .00225, .00492, .00138
Tl1908,ppm, -.00019,.00078,418.94, -.00079, -.00047, .00070
V_2924,ppm, .00484,.00120,24.871, .00373, .00612, .00468
Zn2138,ppm, .01050,.00038,3.6226, .01072, .01006, .01073

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 759.08,3.6451,.48020,763.14,757.98,756.10
Y_2243,Cts/S, 4234.1,2.5024,.05910,4231.6,4236.6,4234.0
Y_3710,Cts/S, 82204.,103.57,.12599,82131.,82322.,82158.
Y_3710-2,Cts/S, 9016.8,65.052,.72146,9024.7,9077.6,8948.2

[Sample Header]
Method=icapns(v488)
SampleName=T59306-4F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:19:49
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Zoom In
Zoom Out

sa090610s.icp

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00110,.00235,214.08, -.00008, .00380, -.00043
Al3961,ppm, .04256,.06237,146.54, .11196, -.00881, .02454
As1890,ppm, .00879,.00125,14.224, -.00963, -.00735, -.00938
B_2089,ppm, 3.3215,.01772,.53359, 3.3067, 3.3167, 3.3411
Ba4554,ppm, .03745,.00063,1.6722, .03813, .03690, .03733
Be3130,ppm, -.00010,.00005,51.475, -.00007, -.00008, -.00017
Ca3179,ppm, 306.06,.68104,.22252, 306.84, 305.62, 305.71
Cd2288,ppm, .00035,.00098,283.35, -.00048, .00144, .00008
Co2286,ppm, .00048,.00036,73.902, .00089, .00032, .00023
Cr2677,ppm, .00245,.00028,11.300, .00223, .00237, .00276
Cu3247,ppm, .01286,.00320,24.886, .01529, .01406, .00923
Fe2599,ppm, .01293,.00108,8.3525, .01371, .01170, .01338
K_7664,ppm, 279.37,.94096,.33682, 280.45, 278.94, 278.72
Li6707,ppm, .16296,.00484,2.9717, .16563, .15737, .16587
Mg2790,ppm, 986.57,2.6142,.26498, 989.46, 985.87, 984.38
Mn2576,ppm, .00081,.00017,21.104, .00065, .00099, .00079
Mo2020,ppm, .00891,.00068,7.6716, .00812, .00937, .00923
Na5895,ppm, 6342.1,41.330,.65167, 6349.3, 6379.4, 6297.7
Ni2316,ppm, -.00786,.00018,2.2721, -.00771, -.00782, -.00805
Pb2203,ppm, -.00647,.00205,31.699, -.00460, -.00866, -.00615
Sb2068,ppm, -.00292,.00641,219.41, .00395, -.00875, -.00398
Se1960,ppm, .00866,.00619,71.549, .01309, .00158, .01129
Sn1899,ppm, -.00556,.00048,8.5757, -.00530, -.00611, -.00527
Sr4077,ppm, 5.2598,.01161,.22069, 5.2722, 5.2579, 5.2492
Ti3349,ppm, .00551,.00129,23.370, .00404, .00643, .00607
Tl1908,ppm, .00040,.00316,784.97, .00139, -.00314, .00296
V_2924,ppm, .00009,.00127,1414.8, .00111, .00050, -.00134
Zn2138,ppm, -.02764,.00039,1.4088, -.02764, -.02725, -.02803

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 690.21,2.2428,.32494,689.60,692.70,688.34
Y_2243,Cts/S, 4000.1,10.121,.25301,4001.9,4009.3,3989.3
Y_3710,Cts/S, 75448.,235.78,.31250,75489.,75194.,75660.
Y_3710-2,Cts/S, 8682.2,33.937,.39089,8649.1,8680.5,8716.9

[Sample Header]
Method=icapns(v488)
SampleName=T59306-5F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:25:34
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00173,.00322,186.23, .00180, .00491, -.00153
Al3961,ppm, .23019,.01439,6.2508, .23638, .21374, .24044
As1890,ppm, .00415,.00427,103.02, .00496, .00795, -.00047
B_2089,ppm, 3.3698,.00849,.25204, 3.3706, 3.3609, 3.3778
Ba4554,ppm, .02967,.00019,.64566, .02959, .02953, .02989
Be3130,ppm, -.00005,.00005,98.929, -.00007, -.00008, .00001
Ca3179,ppm, 308.60,.64705,.20968, 309.22, 307.93, 308.64
Cd2288,ppm, .00017,.00185,1067.4, -.00185, .00057, .00180
Co2286,ppm, -.00041,.00194,468.07, .00039, .00099, -.00263
```


Zoom In
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Cr2677,ppm, .00170,.00113,66.411, .00083, .00130, .00298
Cu3247,ppm, .01138,.00147,12.915, .01224, .01221, .00968
Fe2599,ppm, .00239,.00118,49.304, .00372, .00145, .00202
K_7664,ppm, 282.91,.47187,.16679, 283.15, 282.37, 283.22
Li6707,ppm, .16116,.00655,4.0646, .16530, .15361, .16458
Mg2790,ppm, 1001.1,2.7829,.27798, 1004.1, 998.63, 1000.6
Mn2576,ppm, .00149,.00012,8.1304, .00163, .00145, .00140
Mo2020,ppm, .00851,.00053,6.2759, .00908, .00843, .00802
Na5895,ppm, 6395.1,48.460,.75777, 6395.0, 6443.7, 6346.7
Ni2316,ppm, -.00635,.00163,25.636, -.00685, -.00453, -.00766
Pb2203,ppm, -.00735,.00206,27.992, -.00972, -.00624, -.00608
Sb2068,ppm, -.00522,.00346,66.321, -.00254, -.00399, -.00912
Se1960,ppm, -.00686,.01090,158.82, -.01868, -.00471, .00280
Sn1899,ppm, -.00201,.00126,62.665, -.00327, -.00075, -.00201
Sr4077,ppm, 5.3119,.01344,.25301, 5.3212, 5.2965, 5.3180
Ti3349,ppm, .00623,.00108,17.411, .00530, .00742, .00596
Tl1908,ppm, .00143,.00310,216.43, -.00162, .00459, .00133
V_2924,ppm, .00135,.00009,6.4238, .00133, .00127, .00144
Zn2138,ppm, -.02631,.00056,2.1424, -.02633, -.02574, -.02687

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 680.92,3.0354,.44579,683.59,681.55,677.62
Y_2243,Cts/S, 3960.5,7.1742,.18115,3965.6,3963.5,3952.3
Y_3710,Cts/S, 75630.,99.655,.13177,75745.,75569.,75576.
Y_3710-2,Cts/S, 8711.6,18.077,.20750,8731.3,8695.8,8707.5

[Sample Header]
Method=icapns(v488)
SampleName=T59307-4F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:31:22
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00067,.00083,123.00, -.00028, .00120, .00111
Al3961,ppm, .02633,.04523,171.79, .02227, .07345, -.01674
As1890,ppm, -.00571,.00124,21.726, -.00529, -.00711, -.00474
B_2089,ppm, 3.6420,.02153,.59127, 3.6304, 3.6288, 3.6669
Ba4554,ppm, .02075,.00059,2.8542, .02018, .02136, .02072
Be3130,ppm, -.00009,.00008,92.671, -.00013, -.00015, .00001
Ca3179,ppm, 329.70,.89982,.27292, 330.33, 330.09, 328.67
Cd2288,ppm, .00049,.00055,111.04, .00065, -.00012, .00094
Co2286,ppm, -.00013,.00057,450.36, -.00012, -.00070, .00044
Cr2677,ppm, .00312,.00147,47.102, .00465, .00300, .00171
Cu3247,ppm, .01280,.00090,7.0496, .01322, .01343, .01177
Fe2599,ppm, .00239,.00839,350.94, -.00719, .00590, .00846
K_7664,ppm, 305.93,1.2218,.39938, 306.76, 306.51, 304.53
Li6707,ppm, .16746,.00214,1.2762, .16638, .16992, .16608
Mg2790,ppm, 1077.8,3.5074,.32542, 1080.0, 1079.6, 1073.8
Mn2576,ppm, .00078,.00036,46.385, .00079, .00113, .00041
Mo2020,ppm, .00872,.00070,8.0425, .00797, .00936, .00884
Na5895,ppm, 6707.9,75.841,1.1306, 6667.6, 6795.4, 6660.8
Ni2316,ppm, -.00891,.00074,8.3521, -.00855, -.00977, -.00841
Pb2203,ppm, -.00438,.00555,126.60, .00115, -.00434, -.00995
Sb2068,ppm, -.00500,.00313,62.522, -.00139, -.00680, -.00681
Se1960,ppm, .00908,.00712,78.431, .00711, .01697, .00315
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Sn1899,ppm, -.00640,.00192,30.059, -.00611, -.00464, -.00845
Sr4077,ppm, 5.7340,.02531,.44143, 5.7532, 5.7434, 5.7053
Ti3349,ppm, .00610,.00042,6.8704, .00618, .00648, .00565
Tl1908,ppm, .00039,.00433,1121.3, -.00457, .00234, .00339
V_2924,ppm, -.00087,.00144,166.29, -.00086, -.00231, .00057
Zn2138,ppm, -.01901,.00013,.68337, -.01909, -.01886, -.01907

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 685.65,3.1233,.45553,684.37,689.21,683.37
Y_2243,Cts/S, 3974.9,17.791,.44760,3971.6,3994.1,3959.0
Y_3710,Cts/S, 75759.,321.23,.42402,75516.,75637.,76123.
Y_3710-2,Cts/S, 8687.2,27.759,.31953,8681.2,8663.0,8717.5

[Sample Header]
Method=icapns(v488)
SampleName=T59307-5F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:37:09
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00245,.00111,45.555, .00371, .00159, .00204
Al3961,ppm, .06833,.02663,38.973, .04701, .05981, .09818
As1890,ppm, .00204,.00557,272.63, .00800, .00117, -.00304
B_2089,ppm, 3.5878,.01289,.35934, 3.5784, 3.5825, 3.6025
Ba4554,ppm, .02112,.00082,3.8758, .02150, .02167, .02018
Be3130,ppm, -.00002,.00006,339.08, -.00007, .00004, -.00001
Ca3179,ppm, 328.08,1.7634,.53749, 326.29, 328.13, 329.81
Cd2288,ppm, .00063,.00045,70.919, .00048, .00027, .00113
Co2286,ppm, -.00049,.00053,107.80, .00007, -.00099, -.00057
Cr2677,ppm, .00257,.00117,45.546, .00389, .00166, .00215
Cu3247,ppm, .01133,.00081,7.1337, .01197, .01042, .01158
Fe2599,ppm, .00402,.00137,33.983, .00259, .00531, .00418
K_7664,ppm, 304.66,2.6686,.87592, 301.97, 304.72, 307.30
Li6707,ppm, .16779,.00067,.40081, .16850, .16769, .16717
Mg2790,ppm, 1076.3,7.6445,.71025, 1068.3, 1077.0, 1083.6
Mn2576,ppm, .00121,.00028,23.263, .00124, .00092, .00148
Mo2020,ppm, .00906,.00036,4.0221, .00943, .00870, .00907
Na5895,ppm, 6710.0,31.869,.47495, 6677.3, 6711.8, 6741.0
Ni2316,ppm, -.00857,.00081,9.4870, -.00893, -.00763, -.00913
Pb2203,ppm, -.00639,.00307,48.111, -.00512, -.00989, -.00415
Sb2068,ppm, -.00196,.00170,86.770, -.00012, -.00227, -.00348
Se1960,ppm, .00784,.00834,106.44, .00943, .01527, -.00119
Sn1899,ppm, -.00226,.00249,110.12, -.00418, .00055, -.00316
Sr4077,ppm, 5.7071,.04355,.76301, 5.6631, 5.7080, 5.7502
Ti3349,ppm, .00457,.00121,26.539, .00425, .00591, .00355
Tl1908,ppm, .00040,.00397,980.72, .00361, -.00403, .00163
V_2924,ppm, .00171,.00115,67.648, .00210, .00041, .00261
Zn2138,ppm, -.02477,.00036,1.4542, -.02492, -.02436, -.02504

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 675.71,3.5047,.51867,678.90,676.27,671.96
Y_2243,Cts/S, 3943.2,16.217,.41127,3954.1,3951.0,3924.6
Y_3710,Cts/S, 74985.,265.92,.35463,74701.,75026.,75228.
Y_3710-2,Cts/S, 8607.4,47.088,.54707,8619.9,8647.0,8555.3
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[Sample Header]
Method=icapns(v488)
SampleName=T59309-1F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:42:56
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00192,.00260,135.72, -.00087, .00428, .00235
Al3961,ppm, .02853,.03030,106.23, .03917, -.00566, .05207
As1890,ppm, .00016,.00156,1001.1, -.00151, .00039, .00158
B_2089,ppm, 3.5951,.00609,.16945, 3.5888, 3.5955, 3.6010
Ba4554,ppm, .02255,.00090,4.0042, .02297, .02152, .02317
Be3130,ppm, -.00008,.00005,70.697, -.00013, -.00002, -.00007
Ca3179,ppm, 326.30,.86419,.26485, 327.13, 326.35, 325.41
Cd2288,ppm, .00068,.00067,99.353, .00006, .00140, .00058
Co2286,ppm, -.00062,.00073,117.74, .00022, -.00094, -.00114
Cr2677,ppm, .00172,.00131,76.195, .00125, .00319, .00071
Cu3247,ppm, .01235,.00146,11.832, .01375, .01083, .01246
Fe2599,ppm, .00374,.00675,180.26, .00185, -.00186, .01124
K_7664,ppm, 303.71,1.2179,.40102, 304.76, 303.99, 302.37
Li6707,ppm, .16336,.00475,2.9090, .15823, .16424, .16761
Mg2790,ppm, 1069.9,3.6112,.33753, 1072.7, 1071.1, 1065.8
Mn2576,ppm, .00682,.00008,1.1483, .00685, .00673, .00688
Mo2020,ppm, .00837,.00075,8.9057, .00801, .00922, .00787
Na5895,ppm, 6602.4,25.969,.39333, 6627.1, 6575.3, 6604.7
Ni2316,ppm, -.00863,.00241,27.870, -.00700, -.01139, -.00750
Pb2203,ppm, -.00649,.00065,10.036, -.00607, -.00615, -.00724
Sb2068,ppm, -.00932,.00502,53.867, -.01173, -.00355, -.01268
Se1960,ppm, .00696,.01069,153.67, -.00525, .01146, .01465
Sn1899,ppm, -.00483,.00149,30.771, -.00359, -.00648, -.00442
Sr4077,ppm, 5.6800,.01950,.34325, 5.6965, 5.6849, 5.6585
Ti3349,ppm, .00597,.00028,4.6775, .00577, .00629, .00586
Tl1908,ppm, .00177,.00265,149.63, .00303, .00356, -.00127
V_2924,ppm, .00035,.00246,697.14, -.00144, -.00066, .00316
Zn2138,ppm, .07927,.00077,.97017, .07937, .07846, .07998

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 686.99,2.0675,.30095,684.67,688.63,687.68
Y_2243,Cts/S, 3986.6,6.4003,.16055,3984.5,3993.8,3981.5
Y_3710,Cts/S, 75866.,217.95,.28728,75769.,75713.,76115.
Y_3710-2,Cts/S, 8664.6,59.235,.68365,8642.6,8619.4,8731.6

[Sample Header]
Method=icapns(v488)
SampleName=T59309-2F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:48:43
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00213,.00214,100.37, .00186, .00014, .00439
Al3961,ppm, .05580,.04591,82.269, .10640, .01680, .04421
As1890,ppm, .00023,.00413,1765.2, -.00413, .00075, .00409
B_2089,ppm, 3.4883,.01281,.36724, 3.4771, 3.4856, 3.5023
Ba4554,ppm, .02595,.00069,2.6626, .02659, .02606, .02522
Be3130,ppm, -.00008,.00003,43.200, -.00007, -.00011, -.00005
Ca3179,ppm, 315.34,.96151,.30491, 316.26, 314.34, 315.43
Cd2288,ppm, .00056,.00065,116.30, .00014, .00131, .00023
Co2286,ppm, -.00087,.00081,93.463, -.00122, .00006, -.00146
Cr2677,ppm, .00216,.00109,50.511, .00113, .00331, .00205
Cu3247,ppm, .01138,.00037,3.2407, .01165, .01152, .01096
Fe2599,ppm, .00814,.00034,4.2252, .00783, .00809, .00851
K_7664,ppm, 291.00,.81868,.28133, 291.61, 290.07, 291.33
Li6707,ppm, .15426,.00200,1.2949, .15363, .15266, .15650
Mg2790,ppm, 1030.7,4.4048,.42735, 1035.0, 1026.2, 1030.9
Mn2576,ppm, .00212,.00013,5.9393, .00198, .00214, .00223
Mo2020,ppm, .00889,.00073,8.2385, .00960, .00814, .00894
Na5895,ppm, 6403.2,123.74,1.9324, 6481.2, 6260.6, 6468.0
Ni2316,ppm, -.00869,.00105,12.081, -.00926, -.00932, -.00748
Pb2203,ppm, -.00760,.00080,10.495, -.00707, -.00852, -.00721
Sb2068,ppm, -.00105,.00670,636.28, .00643, -.00650, -.00309
Se1960,ppm, .00199,.00689,346.41, -.00265, -.00129, .00991
Sn1899,ppm, -.00349,.00147,42.143, -.00332, -.00504, -.00211
Sr4077,ppm, 5.4620,.01679,.30732, 5.4767, 5.4437, 5.4656
Ti3349,ppm, .00446,.00147,33.075, .00386, .00338, .00614
Tl1908,ppm, .00055,.00253,464.02, -.00117, .00347, -.00065
V_2924,ppm, -.00127,.00047,37.179, -.00168, -.00076, -.00137
Zn2138,ppm, -.00887,.00037,4.2069, -.00929, -.00858, -.00873

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 679.84,1.5102,.22213,678.35,681.37,679.82
Y_2243,Cts/S, 3947.4,3.9087,.09902,3951.9,3945.4,3944.8
Y_3710,Cts/S, 75682.,72.393,.09565,75765.,75651.,75631.
Y_3710-2,Cts/S, 8758.3,52.973,.60483,8706.1,8812.0,8756.8

[Sample Header]
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SampleName=CCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:54:30
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22824,.00076,.33395, .22910, .22794, .22767,Chk Pass,,
Al3961,ppm, 36.501,.13289,.36406, 36.655, 36.425, 36.424,Chk Pass,,
As1890,ppm, 2.0363,.00484,.23747, 2.0314, 2.0365, 2.0411,Chk Pass,,
B_2089,ppm, 2.0250,.00722,.35674, 2.0212, 2.0206, 2.0334,Chk Pass,,
Ba4554,ppm, 1.9229,.00357,.18572, 1.9268, 1.9219, 1.9199,Chk Pass,,
Be3130,ppm, 2.0962,.01825,.87055, 2.1163, 2.0807, 2.0915,Chk Pass,,
Ca3179,ppm, 39.702,.07258,.18282, 39.785, 39.661, 39.659,Chk Pass,,
Cd2288,ppm, 1.9977,.00526,.26311, 1.9924, 1.9977, 2.0030,Chk Pass,,
Co2286,ppm, 1.9892,.00441,.22185, 1.9865, 1.9867, 1.9943,Chk Pass,,
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Cr2677,ppm, 2.1031,.00150,.07146, 2.1037, 2.1014, 2.1043,Chk Pass,,
Cu3247,ppm, 1.8308,.00192,.10487, 1.8303, 1.8330, 1.8293,Chk Pass,,
Fe2599,ppm, 38.045,.10375,.27270, 38.164, 37.971, 38.000,Chk Pass,,
K_7664,ppm, 37.255,.10540,.28291, 37.376, 37.182, 37.207,Chk Pass,,
Li6707,ppm, 1.8804,.00528,.28070, 1.8864, 1.8770, 1.8777,Chk Pass,,
Mg2790,ppm, 39.736,.09166,.23067, 39.825, 39.642, 39.741,Chk Pass,,
Mn2576,ppm, 1.9385,.00124,.06407, 1.9373, 1.9398, 1.9384,Chk Pass,,
Mo2020,ppm, 1.9443,.00474,.24371, 1.9399, 1.9438, 1.9493,Chk Pass,,
Na5895,ppm, 38.429,.07926,.20624, 38.510, 38.352, 38.423,Chk Pass,,
Ni2316,ppm, 2.0277,.01206,.59494, 2.0237, 2.0183, 2.0413,Chk Pass,,
Pb2203,ppm, 1.9903,.01202,.60370, 1.9877, 1.9798, 2.0034,Chk Pass,,
Sb2068,ppm, 1.9959,.00645,.32311, 1.9920, 1.9923, 2.0033,Chk Pass,,
Se1960,ppm, 2.0271,.01154,.56906, 2.0240, 2.0174, 2.0398,Chk Pass,,
Sn1899,ppm, 2.0225,.00502,.24816, 2.0196, 2.0195, 2.0283,Chk Pass,,
Sr4077,ppm, 1.8555,.00408,.21970, 1.8602, 1.8531, 1.8532,Chk Pass,,
Ti3349,ppm, 1.9452,.00242,.12435, 1.9424, 1.9467, 1.9464,Chk Pass,,
Tl1908,ppm, 2.0188,.01257,.62263, 2.0185, 2.0063, 2.0315,Chk Pass,,
V_2924,ppm, 1.9274,.00175,.09094, 1.9265, 1.9294, 1.9263,Chk Pass,,
Zn2138,ppm, 2.0301,.00609,.30000, 2.0254, 2.0279, 2.0370,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 787.26,2.0878,.26520,787.08,789.43,785.26
Y_2243,Cts/S, 4448.0,9.4666,.21283,4454.9,4437.2,4451.8
Y_3710,Cts/S, 85739.,147.73,.17230,85583.,85876.,85759.
Y_3710-2,Cts/S, 9027.9,42.159,.46698,8979.4,9048.3,9056.0

[Sample Header]
Method=icapns(v488)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 0:59:59
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00078,.00027,35.026, .00106, .00078, .00051,Chk Pass,,
Al3961,ppm, .00508,.00361,71.093, .00837, .00122, .00566,Chk Pass,,
As1890,ppm, -.00024,.00109,458.32, -.00093, -.00080, .00102,Chk Pass,,
B_2089,ppm, .00377,.00021,5.5400, .00401, .00366, .00365,Chk Pass,,
Ba4554,ppm, -.00015,.00016,109.69, -.00033, -.00003, -.00008,Chk Pass,,
Be3130,ppm, .00001,.00002,169.96, .00004, .00000, .00000,Chk Pass,,
Ca3179,ppm, .00490,.00083,16.972, .00455, .00430, .00585,Chk Pass,,
Cd2288,ppm, .00026,.00005,17.420, .00021, .00030, .00027,Chk Pass,,
Co2286,ppm, .00014,.00012,89.584, .00000, .00018, .00023,Chk Pass,,
Cr2677,ppm, .00007,.00024,347.21, .00020, -.00021, .00022,Chk Pass,,
Cu3247,ppm, .00112,.00010,8.9111, .00109, .00104, .00123,Chk Pass,,
Fe2599,ppm, .00157,.00137,87.221, .00048, .00113, .00311,Chk Pass,,
K_7664,ppm, .03313,.02198,66.336, .03618, .00979, .05343,Chk Pass,,
Li6707,ppm, .00053,.00150,284.08, .00221, .00008, -.00069,Chk Pass,,
Mg2790,ppm, .01309,.00829,63.314, .01891, .00360, .01676,Chk Pass,,
Mn2576,ppm, .00006,.00001,18.051, .00005, .00008, .00006,Chk Pass,,
Mo2020,ppm, .00009,.00014,152.11, .00025, .00001, .00002,Chk Pass,,
Na5895,ppm, .55650,.01574,2.8285, .56746, .56357, .53846,Chk Pass,,
Ni2316,ppm, -.00029,.00024,81.367, -.00041, -.00002, -.00046,Chk Pass,,
Pb2203,ppm, -.00046,.00079,172.73, -.00136, .00004, -.00004,Chk Pass,,
Sb2068,ppm, .00078,.00089,113.16, .00051, .00007, .00178,Chk Pass,,
Se1960,ppm, -.00048,.00109,226.69, -.00036, .00055, -.00163,Chk Pass,,
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Sn1899,ppm, .00005,.00024,475.41, .00023, .00016, -.00023,Chk Pass,,
Sr4077,ppm, .00010,.00003,26.299, .00009, .00013, .00008,Chk Pass,,
Ti3349,ppm, -.00021,.00016,78.270, -.00028, -.00032, -.00002,Chk Pass,,
Tl1908,ppm, .00077,.00062,81.326, .00148, .00045, .00036,Chk Pass,,
V_2924,ppm, .00001,.00027,5211.6, .00031, -.00018, -.00012,Chk Pass,,
Zn2138,ppm, -.00003,.00002,96.289, .00000, -.00005, -.00002,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 877.37,3.1987,.36457,879.47,878.96,873.69
Y_2243,Cts/S, 4560.6,25.889,.56766,4572.9,4578.1,4530.9
Y_3710,Cts/S, 89168.,453.86,.50899,89459.,88645.,89401.
Y_3710-2,Cts/S, 9165.7,19.045,.20779,9187.4,9152.2,9157.3

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Custom ID3=
Run Time=9/7/2010 1:05:40
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01542,.00952,61.763, .02171, .00446, .02008
Al3961,ppm, .03668,.13462,367.01, .06964, .15176, -.11136
As1890,ppm, -.01677,.03151,187.86, .01597, -.04688, -.01940
B_2089,ppm, 1.8486,.00259,.13987, 1.8510, 1.8490, 1.8458
Ba4554,ppm, .06149,.00121,1.9666, .06012, .06243, .06190
Be3130,ppm, -.00067,.00013,19.875, -.00055, -.00082, -.00065
Ca3179,ppm, 188.04,.50914,.27076, 187.57, 188.58, 187.97
Cd2288,ppm, .00360,.00436,121.02, .00086, .00132, .00863
Co2286,ppm, .00107,.00311,290.12, .00141, -.00220, .00401
Cr2677,ppm, .00338,.00480,141.92, .00827, .00321, -.00133
Cu3247,ppm, .05525,.00428,7.7396, .05338, .06014, .05222
Fe2599,ppm, -.01467,.02079,141.76, -.01489, -.03535, .00624
K_7664,ppm, 147.55,.64950,.44019, 146.80, 147.95, 147.90
Li6707,ppm, .10237,.01149,11.227, .11477, .10025, .09208
Mg2790,ppm, 538.15,.98425,.18290, 537.05, 538.94, 538.46
Mn2576,ppm, .00114,.00053,45.949, .00144, .00054, .00146
Mo2020,ppm, .00955,.00525,55.031, .00362, .01138, .01364
Na5895,ppm, 4067.4,52.538,1.2917, 4009.6, 4080.4, 4112.2
Ni2316,ppm, -.00802,.00118,14.671, -.00795, -.00923, -.00688
Pb2203,ppm, -.00545,.02089,382.96, .00841, -.02948, .00470
Sb2068,ppm, .00650,.01416,218.00, .01084, .01798, -.00933
Se1960,ppm, .01959,.01151,160.83, .05543, .00708, -.00374
Sn1899,ppm, -.00095,.00541,566.11, .00053, -.00695, .00355
Sr4077,ppm, 2.8878,.00818,.28326, 2.8857, 2.8968, 2.8808
Ti3349,ppm, .00583,.00054,9.3433, .00609, .00618, .00520
Tl1908,ppm, .01448,.01765,121.87, .03485, .00469, .00390
V_2924,ppm, .00125,.01223,976.51, .01537, -.00573, -.00588
Zn2138,ppm, .02947,.00078,2.6508, .02880, .02928, .03033

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 814.70,1.9029,.23357,815.90,815.69,812.50
Y_2243,Cts/S, 4423.2,5.8153,.13147,4424.4,4428.2,4416.8
Y_3710,Cts/S, 84968.,356.45,.41951,84587.,85293.,85025.
Y_3710-2,Cts/S, 8944.1,20.759,.23210,8967.7,8928.6,8936.1
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14.1
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[Sample Header]
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Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01407,.00430,30.589, .00930, .01524, .01767
Al3961,ppm, .19713,.10631,53.929, .24728, .26909, .07502
As1890,ppm, .00998,.04464,447.28, .06033, -.02475, -.00564
B_2089,ppm, 1.7454,.01547,.88645, 1.7457, 1.7298, 1.7608
Ba4554,ppm, .05692,.00597,10.489, .06214, .05041, .05822
Be3130,ppm, -.00049,.00032,64.329, -.00068, -.00068, -.00013
Ca3179,ppm, 177.16,.32611,.18407, 176.81, 177.23, 177.46
Cd2288,ppm, .00064,.00385,598.45, .00425, -.00342, .00110
Co2286,ppm, .00124,.00100,80.813, .00020, .00220, .00131
Cr2677,ppm, .01100,.00062,5.5947, .01150, .01031, .01118
Cu3247,ppm, .04876,.01363,27.944, .04367, .03842, .06420
Fe2599,ppm, -.01253,.02738,218.49, -.03555, .01775, -.01979
K_7664,ppm, 138.82,.98943,.71274, 138.00, 138.55, 139.92
Li6707,ppm, .08714,.00550,6.3149, .08130, .09223, .08789
Mg2790,ppm, 504.56,.46352,.09187, 504.06, 504.98, 504.64
Mn2576,ppm, .00108,.00122,112.58, .00046, .00029, .00248
Mo2020,ppm, .00814,.00053,6.5677, .00847, .00753, .00843
Na5895,ppm, 3800.8,19.657,.51717, 3807.3, 3816.3, 3778.7
Ni2316,ppm, -.01024,.00147,14.312, -.00896, -.01184, -.00992
Pb2203,ppm, -.00362,.01287,355.50, .00799, -.00140, -.01745
Sb2068,ppm, -.01324,.02669,201.66, -.02211, .01676, -.03436
Se1960,ppm, .04608,.02717,58.964, .04113, .02172, .07538
Sn1899,ppm, -.00593,.00892,150.39, .00435, -.01164, -.01050
Sr4077,ppm, 2.7081,.01371,.50624, 2.6949, 2.7072, 2.7223
Ti3349,ppm, .00525,.00583,111.06, .00047, .01175, .00354
Tl1908,ppm, .00955,.01054,110.39, .01985, -.00121, .01000
V_2924,ppm, .00082,.00344,418.73, -.00191, -.00031, .00468
Zn2138,ppm, .02639,.00087,3.3074, .02538, .02687, .02692

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 810.24,4.0932,.50519,813.32,811.81,805.59
Y_2243,Cts/S, 4376.8,23.282,.53194,4392.9,4387.3,4350.1
Y_3710,Cts/S, 84962.,199.05,.23428,85180.,84789.,84917.
Y_3710-2,Cts/S, 9084.2,17.653,.19433,9081.9,9067.9,9103.0

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=125.0
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .05991,.04499,75.100, .11143, .03986, .02843
Al3961,ppm, 2.8497,1.4672,51.487, 2.1224, 4.5384, 1.8882
As1890,ppm, -.03393,.23736,699.46, -.20152, -.13796, .23768
B_2089,ppm, 1.8328,.04337,2.3660, 1.7852, 1.8431, 1.8701
Ba4554,ppm, .03771,.02064,54.731, .01829, .05938, .03546
Be3130,ppm, -.00473,.00094,19.987, -.00428, -.00409, -.00581
Ca3179,ppm, 181.64,.98117,.54016, 181.89, 182.48, 180.56
Cd2288,ppm, .02320,.01670,71.963, .02125, .00757, .04079
Co2286,ppm, -.00656,.01991,303.48, -.02902, .00045, .00890
Cr2677,ppm, .01204,.01093,90.828, .01691, -.00048, .01969
Cu3247,ppm, .20603,.02860,13.884, .21584, .22843, .17381
Fe2599,ppm, .00658,.14129,2147.8, .01917, -.14058, .14115
K_7664,ppm, 145.73,2.7410,1.8809, 148.43, 145.80, 142.95
Li6707,ppm, .11033,.08921,80.853, .01337, .18893, .12869
Mg2790,ppm, 518.54,2.0247,.39046, 520.65, 518.35, 516.61
Mn2576,ppm, -.00015,.00076,496.57, .00025, .00032, -.00103
Mo2020,ppm, .01675,.03279,195.70, .05377, -.00862, .00510
Na5895,ppm, 4013.6,10.720,.26710, 4023.3, 4015.3, 4002.1
Ni2316,ppm, -.03232,.04133,127.87, .01540, -.05567, -.05670
Pb2203,ppm, -.06254,.09319,149.00, -.15089, .03483, -.07157
Sb2068,ppm, -.09012,.09142,101.45, -.19565, -.03961, -.03510
Se1960,ppm, -.01060,.02501,235.99, -.03255, -.01587, .01663
Sn1899,ppm, -.02808,.04070,144.95, -.07078, .01027, -.02372
Sr4077,ppm, 2.7802,.01600,.57561, 2.7986, 2.7695, 2.7726
Ti3349,ppm, -.02582,.03108,120.36, -.06171, -.00840, -.00736
Tl1908,ppm, -.02050,.15733,767.30, -.18286, -.00992, .13127
V_2924,ppm, -.00709,.03208,452.15, .02571, -.03839, -.00860
Zn2138,ppm, .23155,.01241,5.3594, .21957, .23074, .24435

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 867.92,5.6682,.65308,872.55,869.62,861.60
Y_2243,Cts/S, 4550.1,17.095,.37571,4557.3,4562.4,4530.6
Y_3710,Cts/S, 88823.,366.37,.41247,88695.,89236.,88538.
Y_3710-2,Cts/S, 9139.2,27.819,.30439,9152.4,9107.3,9158.0

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Custom ID3=
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .37693,.00101,.26691, .37795, .37594, .37689
Al3961,ppm, 46.797,.37437,.79999, 47.000, 47.026, 46.365
As1890,ppm, .36861,.01041,2.8231, .38056, .36159, .36367
B_2089,ppm, 2.7929,.00656,.23471, 2.7885, 2.7897, 2.8004
Ba4554,ppm, .45952,.00253,.54996, .45895, .45733, .46229
Be3130,ppm, .43219,.00037,.08457, .43261, .43199, .43197
Ca3179,ppm, 233.50,.19001,.08137, 233.31, 233.69, 233.50
Cd2288,ppm, .41024,.00730,1.7805, .40181, .41429, .41462
Co2286,ppm, .40237,.00419,1.0422, .39824, .40225, .40662
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Cr2677,ppm, .43854,.00430,.97971, .43359, .44128, .44076
Cu3247,ppm, .42070,.00580,1.3784, .41997, .42683, .41531
Fe2599,ppm, 47.041,.09011,.19155, 47.010, 47.142, 46.970
K_7664,ppm, 188.42,.32441,.17217, 188.34, 188.78, 188.15
Li6707,ppm, .46726,.01253,2.6807, .46073, .48171, .45936
Mg2790,ppm, 572.96,.74392,.12984, 573.31, 573.46, 572.10
Mn2576,ppm, .39572,.00126,.31792, .39699, .39448, .39569
Mo2020,ppm, .40784,.00468,1.1466, .40656, .40394, .41303
Na5895,ppm, 4027.4,25.790,.64035, 4057.1, 4010.4, 4014.8
Ni2316,ppm, .38885,.00689,1.7709, .39317, .38091, .39247
Pb2203,ppm, .37668,.01848,4.9070, .35536, .38664, .38806
Sb2068,ppm, .36257,.02607,7.1909, .38769, .33564, .36438
Se1960,ppm, .44925,.00466,1.0366, .45356, .44431, .44989
Sn1899,ppm, .39712,.00465,1.1704, .39483, .40247, .39406
Sr4077,ppm, 3.1713,.00671,.21161, 3.1651, 3.1784, 3.1705
Ti3349,ppm, .40223,.00716,1.7791, .39416, .40778, .40477
Tl1908,ppm, .39478,.00606,1.5355, .39786, .39868, .38779
V_2924,ppm, .40223,.01410,3.5047, .39957, .38965, .41746
Zn2138,ppm, .48812,.00090,.18529, .48906, .48725, .48805

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 804.65,1.2932,.16072,804.28,806.09,803.59
Y_2243,Cts/S, 4378.7,4.0749,.09306,4382.9,4378.6,4374.7
Y_3710,Cts/S, 85680.,170.85,.19940,85698.,85841.,85501.
Y_3710-2,Cts/S, 9104.3,18.352,.20158,9109.8,9119.3,9083.8

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .38395,.01879,4.8950, .39526, .36225, .39433
Al3961,ppm, 48.597,.20905,.43018, 48.694, 48.739, 48.357
As1890,ppm, .41233,.04611,11.184, .37667, .46440, .39590
B_2089,ppm, 2.8386,.01234,.43478, 2.8493, 2.8251, 2.8413
Ba4554,ppm, .46347,.00251,.54253, .46439, .46063, .46541
Be3130,ppm, .44145,.00060,.13506, .44138, .44089, .44208
Ca3179,ppm, 239.68,.43005,.17942, 240.18, 239.42, 239.46
Cd2288,ppm, .41723,.00186,.44460, .41764, .41884, .41520
Co2286,ppm, .40487,.00836,2.0658, .40428, .41351, .39681
Cr2677,ppm, .46241,.00706,1.5278, .45886, .45783, .47055
Cu3247,ppm, .42368,.00444,1.0469, .42868, .42215, .42022
Fe2599,ppm, 48.353,.13491,.27902, 48.498, 48.232, 48.328
K_7664,ppm, 193.44,.2226,.11490, 193.24, 193.40, 193.68
Li6707,ppm, .46996,.02763,5.8796, .50147, .45856, .44985
Mg2790,ppm, 590.98,.78378,.13262, 591.38, 590.08, 591.49
Mn2576,ppm, .40813,.00013,.03251, .40827, .40808, .40802
Mo2020,ppm, .40934,.00380,.92946, .40812, .40629, .41360
Na5895,ppm, 4120.4,45.328,1.1001, 4069.2, 4155.5, 4136.4
Ni2316,ppm, .40366,.00278,.68869, .40639, .40083, .40378
Pb2203,ppm, .38142,.02139,5.6070, .35690, .39622, .39114
Sb2068,ppm, .39751,.01192,2.9998, .39235, .41114, .38903
Se1960,ppm, .44641,.04661,10.442, .43273, .40817, .49834
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Sn1899,ppm, .40638,.00599,1.4749, .40208, .41323, .40383
Sr4077,ppm, 3.2637,.00683,.20941, 3.2699, 3.2564, 3.2648
Ti3349,ppm, .40736,.00545,1.3385, .40514, .41357, .40336
Tl1908,ppm, .39666,.01375,3.4653, .38493, .41179, .39328
V_2924,ppm, .39851,.00474,1.1883, .39627, .40395, .39531
Zn2138,ppm, .45549,.00139,.30519, .45597, .45393, .45658

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 811.55,2.8516,.35138,811.50,814.42,808.72
Y_2243,Cts/S, 4437.4,8.7710,.19766,4433.0,4447.5,4431.8
Y_3710,Cts/S, 85488.,393.37,.46015,85284.,85941.,85238.
Y_3710-2,Cts/S, 9039.1,12.184,.13479,9049.5,9025.7,9042.1

[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00870,.01302,149.67, .01521, -.00629, .01718
Al3961,ppm, .20134,.06367,31.621, .14092, .26782, .19529
As1890,ppm, -.02975,.02791,93.834, -.05178, .00164, -.03909
B_2089,ppm, 1.7029,.00661,.38832, 1.7085, 1.7045, 1.6956
Ba4554,ppm, .06116,.00096,1.5630, .06090, .06036, .06222
Be3130,ppm, -.00045,.00007,16.189, -.00039, -.00043, -.00053
Ca3179,ppm, 177.42,.62323,.35127, 177.26, 176.90, 178.11
Cd2288,ppm, -.00013,.00494,3782.7, -.00574, .00356, .00179
Co2286,ppm, -.00101,.00218,214.97, -.00342, .00083, -.00046
Cr2677,ppm, .00480,.00538,112.15, .00362, .01067, .00010
Cu3247,ppm, .04843,.00991,20.468, .05041, .03767, .05720
Fe2599,ppm, .01767,.02279,128.99, .02871, .03284, -.00854
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Li6707,ppm, .08851,.01741,19.666, .10753, .08461, .07338
Mg2790,ppm, 498.37,2.9309,.58810, 500.05, 494.99, 500.08
Mn2576,ppm, .00839,.00122,14.590, .00809, .00734, .00973
Mo2020,ppm, .00220,.00064,29.160, .00290, .00207, .00164
Na5895,ppm, 3746.8,40.688,1.0859, 3738.8, 3710.7, 3790.9
Ni2316,ppm, -.00127,.00172,135.32, -.00193, -.00256, .00068
Pb2203,ppm, -.02414,.00901,37.308, -.02344, -.01550, -.03347
Sb2068,ppm, -.00363,.01856,511.91, -.00166, -.02309, .01387
Se1960,ppm, .03534,.03114,93.773, .07067, .03042, .00494
Sn1899,ppm, -.00851,.01135,133.37, -.01510, -.01502, .00459
Sr4077,ppm, 2.6915,.01783,.66240, 2.6876, 2.6759, 2.7109
Ti3349,ppm, .00679,.00301,44.353, .01011, .00600, .00425
Tl1908,ppm, .00520,.02307,443.70, .01917, .00807, .02671
V_2924,ppm, .00357,.00682,191.35, .01086, -.00266, .00250
Zn2138,ppm, .03796,.00119,3.1281, .03888, .03662, .03837

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 810.27,1.6262,.20070,810.98,811.41,808.41
Y_2243,Cts/S, 4386.3,2.7520,.06274,4389.2,4386.0,4383.7
Y_3710,Cts/S, 85257.,486.48,.57060,85690.,85351.,84731.
Y_3710-2,Cts/S, 9056.5,85.884,.94832,9069.1,9135.4,8965.0
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Zoom In
Zoom Out

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[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 1:40:19
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01883,.00608,32.315, .02570, .01665, .01413
Al3961,ppm, .09001,.11398,126.63, .18923, .11528, -.03449
As1890,ppm, -.03533,.02167,61.330, -.02164, -.02403, -.06031
B_2089,ppm, 3.4173,.01740,.50931, 3.4133, 3.4023, 3.4364
Ba4554,ppm, .02105,.00501,23.795, .01718, .01925, .02671
Be3130,ppm, -.00052,.00016,31.143, -.00037, -.00049, -.00070
Ca3179,ppm, 316.55,.91470,.28896, 317.29, 316.83, 315.53
Cd2288,ppm, .00179,.00019,10.581, .00195, .00158, .00183
Co2286,ppm, .00315,.00364,115.60, .00595, -.00097, .00448
Cr2677,ppm, .01363,.00194,14.212, .01161, .01380, .01547
Cu3247,ppm, .05250,.00466,8.8774, .05681, .05314, .04755
Fe2599,ppm, -.01950,.00864,44.300, -.02611, -.00972, -.02265
K_7664,ppm, 278.38,1.0848,.38966, 279.56, 278.17, 277.42
Li6707,ppm, .15015,.02918,19.431, .17975, .12142, .14928
Mg2790,ppm, 1012.6,4.8824,.48215, 1017.1, 1013.3, 1007.5
Mn2576,ppm, .00113,.00044,38.672, .00094, .00163, .00082
Mo2020,ppm, .00991,.00437,44.124, .01187, .01297, .00490
Na5895,ppm, 7658.1,75.684,.98830, 7682.6, 7718.5, 7573.2
Ni2316,ppm, -.01345,.00414,30.748, -.01216, -.01011, -.01808
Pb2203,ppm, -.02654,.02294,86.448, -.02988, -.00211, -.04763
Sb2068,ppm, -.02854,.02293,80.335, -.01691, -.05495, -.01376
Se1960,ppm, .00893,.03735,418.15, -.01049, .05199, -.01471
Sn1899,ppm, -.01180,.00086,7.2964, -.01214, -.01244, -.01082
Sr4077,ppm, 5.3448,.02761,.51663, 5.3700, 5.3491, 5.3153
Ti3349,ppm, .00466,.00971,208.35, -.00630, .01220, .00808
Tl1908,ppm, -.00299,.00453,151.24, -.00674, .00204, -.00428
V_2924,ppm, .00051,.01363,2656.9, .00069, .01406, -.01321
Zn2138,ppm, .02699,.00256,9.4712, .02607, .02503, .02988

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.02,.91935,.11696,786.99,785.16,785.92
Y_2243,Cts/S, 4356.3,13.048,.29951,4358.5,4368.1,4342.3
Y_3710,Cts/S, 83679.,187.73,.22435,83745.,83467.,83824.
Y_3710-2,Cts/S, 8976.4,20.020,.22302,8953.4,8986.6,8989.4

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 1:46:06
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01118,.00951,85.127, .00758, .00398, .02196
Al3961,ppm, .16324,.11383,69.734, .28253, .05580, .15137
As1890,ppm, -.02502,.01837,73.421, -.00388, -.03403, -.03714
B_2089,ppm, 3.5189,.00311,.08843, 3.5190, 3.5157, 3.5219
Ba4554,ppm, .01856,.00364,19.636, .02259, .01550, .01760
Be3130,ppm, -.00043,.00025,58.240, -.00040, -.00069, -.00019
Ca3179,ppm, 324.99,.81090,.24951, 325.82, 324.95, 324.20
Cd2288,ppm, .00252,.00317,125.87, -.00093, .00318, .00531
Co2286,ppm, .00712,.00467,65.543, .01093, .00851, .00192
Cr2677,ppm, .01184,.00259,21.893, .01064, .01481, .01006
Cu3247,ppm, .04455,.00755,16.938, .04284, .03801, .05280
Fe2599,ppm, -.01140,.01372,120.40, -.00864, .00074, -.02628
K_7664,ppm, 289.41,.99947,.34535, 290.46, 289.31, 288.47
Li6707,ppm, .16099,.03035,18.855, .15396, .19424, .13477
Mg2790,ppm, 1044.1,3.8692,.37056, 1047.2, 1045.4, 1039.8
Mn2576,ppm, .00609,.00063,10.361, .00674, .00548, .00606
Mo2020,ppm, .01268,.00265,20.905, .01498, .00978, .01329
Na5895,ppm, 7880.1,65.398,.82990, 7830.6, 7954.3, 7855.6
Ni2316,ppm, -.01320,.00119,9.0246, -.01457, -.01241, -.01261
Pb2203,ppm, -.01710,.01681,98.337, .00165, -.03084, -.02211
Sb2068,ppm, -.02928,.02957,100.98, -.04157, .00445, -.05072
Se1960,ppm, -.01624,.02458,151.32, -.04080, .00835, -.01628
Sn1899,ppm, -.01994,.00915,45.899, -.01858, -.02969, -.01154
Sr4077,ppm, 5.5458,.02356,.42477, 5.5697, 5.5452, 5.5226
Ti3349,ppm, .01100,.00762,69.238, .01979, .00620, .00703
Tl1908,ppm, .02111,.01002,47.458, .01035, .03017, .02281
V_2924,ppm, -.00034,.00602,1796.2, .00643, -.00232, -.00511
Zn2138,ppm, .02096,.00020,.95003, .02114, .02075, .02098

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 777.97,2.2887,.29419,777.91,780.29,775.71
Y_2243,Cts/S, 4306.7,8.3242,.19329,4311.1,4311.8,4297.0
Y_3710,Cts/S, 82396.,167.97,.20386,82229.,82565.,82395.
Y_3710-2,Cts/S, 8848.5,25.848,.29212,8858.5,8819.1,8867.8

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Custom ID3=
Run Time=9/7/2010 1:51:54
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00827,.00846,102.35, .00131, .00581, .01769
Al3961,ppm, .03899,.19656,504.11, .02071, .24406, -.14779
As1890,ppm, .00869,.02189,251.93, -.01590, .02608, .01589
B_2089,ppm, 2.3279,.00744,.31979, 2.3194, 2.3311, 2.3333
Ba4554,ppm, .03927,.00280,7.1368, .04204, .03644, .03933
Be3130,ppm, -.00050,.00026,51.600, -.00063, -.00068, -.00020
Ca3179,ppm, 227.82,.76182,.33440, 227.84, 228.56, 227.04
Cd2288,ppm, .00043,.00374,870.67, -.00222, -.00120, .00471
Co2286,ppm, .00053,.00467,876.59, .00488, .00112, -.00440
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Cr2677,ppm, .00666,.00575,86.223, .00729, .01207, .00063
Cu3247,ppm, .05433,.00950,17.480, .04783, .04993, .06523
Fe2599,ppm, -.01329,.00405,30.451, -.01660, -.01451, -.00878
K_7664,ppm, 187.02,1.5431,.82512, 186.59, 188.73, 185.73
Li6707,ppm, .14385,.01598,11.110, .16226, .13355, .13573
Mg2790,ppm, 684.35,2.7373,.39998, 684.21, 687.16, 681.69
Mn2576,ppm, .00173,.00046,26.720, .00128, .00221, .00171
Mo2020,ppm, .00623,.00097,15.645, .00645, .00707, .00516
Na5895,ppm, 5216.5,84.307,1.6161, 5141.7, 5307.9, 5199.9
Ni2316,ppm, -.00384,.00457,118.94, -.00597, .00140, -.00695
Pb2203,ppm, -.00934,.00545,58.324, -.01188, -.01305, -.00309
Sb2068,ppm, -.00427,.01601,375.27, -.02164, .00988, -.00104
Se1960,ppm, .03194,.02771,86.758, .01313, .01893, .06376
Sn1899,ppm, -.01095,.00740,67.551, -.00243, -.01574, -.01470
Sr4077,ppm, 3.6367,.01648,.45328, 3.6348, 3.6540, 3.6212
Ti3349,ppm, .00462,.00255,55.117, .00686, .00515, .00185
Tl1908,ppm, .01467,.01381,94.164, .00066, .01507, .02827
V_2924,ppm, .00074,.01182,1603.9, .00608, -.01281, .00895
Zn2138,ppm, .01601,.00218,13.618, .01449, .01504, .01851

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 806.52,3.3252,.41230,806.92,809.63,803.01
Y_2243,Cts/S, 4406.7,13.510,.30658,4408.1,4419.5,4392.6
Y_3710,Cts/S, 85442.,130.42,.15264,85591.,85382.,85352.
Y_3710-2,Cts/S, 9098.8,61.534,.67628,9135.0,9027.8,9133.6

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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00867,.00396,45.687, .01009, .01172, .00419
Al3961,ppm, -.02073,.11946,576.24, -.00134, .08785, -.14869
As1890,ppm, -.02046,.00803,39.261, -.02849, -.02047, -.01243
B_2089,ppm, 2.8848,.01138,.39461, 2.8721, 2.8883, 2.8940
Ba4554,ppm, .02677,.00499,18.651, .02283, .02510, .03239
Be3130,ppm, -.00046,.00027,57.841, -.00075, -.00022, -.00042
Ca3179,ppm, 268.17,1.3700,.51089, 268.78, 266.60, 269.13
Cd2288,ppm, .00479,.00135,28.114, .00383, .00422, .00633
Co2286,ppm, .00253,.00994,392.48, -.00781, .00339, .01202
Cr2677,ppm, .00718,.01242,173.08, .01310, -.00710, .01553
Cu3247,ppm, .04275,.01353,31.643, .04456, .05528, .02841
Fe2599,ppm, -.03925,.01467,37.381, -.03096, -.05619, -.03060
K_7664,ppm, 230.99,1.3560,.58705, 232.13, 229.49, 231.35
Li6707,ppm, .13902,.01346,9.6803, .15444, .12967, .13294
Mg2790,ppm, 833.69,4.9699,.59613, 836.52, 827.95, 836.60
Mn2576,ppm, .00119,.00152,127.76, .00292, .00008, .00056
Mo2020,ppm, .00491,.00402,82.002, .00188, .00947, .00337
Na5895,ppm, 6425.0,36.645,.57035, 6394.8, 6465.8, 6414.5
Ni2316,ppm, -.00700,.00192,27.480, -.00694, -.00511, -.00896
Pb2203,ppm, -.01914,.01381,72.148, -.03347, -.01803, -.00592
Sb2068,ppm, -.03372,.02877,85.324, -.05028, -.00050, -.05039
Se1960,ppm, .03751,.02046,54.552, .05203, .01411, .04639
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Sn1899,ppm, -.01552,.00346,22.284, -.01714, -.01155, -.01786
Sr4077,ppm, 4.4891,.02829,.63026, 4.5026, 4.4566, 4.5081
Ti3349,ppm, .00194,.00209,107.67, .00043, .00106, .00432
Tl1908,ppm, -.00014,.00704,4934.0, -.00820, .00298, .00479
V_2924,ppm, -.00175,.00840,479.51, -.00046, -.01072, .00593
Zn2138,ppm, .00705,.00097,13.740, .00784, .00597, .00734

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 785.95,2.8935,.36815,786.55,788.50,782.81
Y_2243,Cts/S, 4321.3,12.388,.28667,4329.8,4327.2,4307.1
Y_3710,Cts/S, 83563.,141.17,.16894,83689.,83411.,83589.
Y_3710-2,Cts/S, 9059.1,15.306,.16896,9046.0,9075.9,9055.5

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Mode=CONC
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22615,.00084,.37223, .22712, .22563, .22569,Chk Pass,,
Al3961,ppm,F 35.898,.20798,.57935, 35.780, 35.776, 36.138,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0352,.00282,.13843, 2.0354, 2.0322, 2.0378,Chk Pass,,
B_2089,ppm, 2.0180,.00715,.35455, 2.0180, 2.0109, 2.0252,Chk Pass,,
Ba4554,ppm, 1.9167,.00798,.41647, 1.9103, 1.9141, 1.9257,Chk Pass,,
Be3130,ppm, 2.0788,.01302,.62610, 2.0715, 2.0938, 2.0710,Chk Pass,,
Ca3179,ppm, 39.363,.22191,.56375, 39.264, 39.209, 39.618,Chk Pass,,
Cd2288,ppm, 1.9951,.00820,.41088, 1.9968, 1.9862, 2.0024,Chk Pass,,
Co2286,ppm, 1.9838,.00802,.40428, 1.9846, 1.9753, 1.9913,Chk Pass,,
Cr2677,ppm, 2.0944,.00091,.04354, 2.0933, 2.0950, 2.0949,Chk Pass,,
Cu3247,ppm, 1.8174,.00422,.23213, 1.8223, 1.8151, 1.8149,Chk Pass,,
Fe2599,ppm, 37.487,.23118,.62204, 37.409, 37.302, 37.749,Chk Pass,,
K_7664,ppm, 36.644,.23634,.64497, 36.530, 36.487, 36.916,Chk Pass,,
Li6707,ppm, 1.8642,.01024,.54939, 1.8604, 1.8565, 1.8758,Chk Pass,,
Mg2790,ppm, 39.119,.27355,.69929, 38.984, 38.939, 39.434,Chk Pass,,
Mn2576,ppm, 1.9151,.00330,.17217, 1.9189, 1.9139, 1.9126,Chk Pass,,
Mo2020,ppm, 1.9420,.00598,.30810, 1.9422, 1.9359, 1.9479,Chk Pass,,
Na5895,ppm, 38.030,.21239,.55849, 37.978, 37.848, 38.263,Chk Pass,,
Ni2316,ppm, 2.0164,.00671,.33295, 2.0200, 2.0087, 2.0206,Chk Pass,,
Pb2203,ppm, 1.9760,.00580,.29365, 1.9792, 1.9693, 1.9795,Chk Pass,,
Sb2068,ppm, 1.9944,.00444,.22243, 1.9967, 1.9893, 1.9972,Chk Pass,,
Se1960,ppm, 2.0229,.00579,.28616, 2.0239, 2.0167, 2.0282,Chk Pass,,
Sn1899,ppm, 2.0104,.00799,.39737, 2.0143, 2.0012, 2.0157,Chk Pass,,
Sr4077,ppm, 1.8294,.01078,.58912, 1.8247, 1.8218, 1.8418,Chk Pass,,
Ti3349,ppm, 1.9328,.00205,.10593, 1.9351, 1.9313, 1.9319,Chk Pass,,
Tl1908,ppm, 2.0058,.00641,.31944, 2.0091, 1.9985, 2.0100,Chk Pass,,
V_2924,ppm, 1.9113,.00273,.14260, 1.9140, 1.9085, 1.9113,Chk Pass,,
Zn2138,ppm, 2.0261,.00764,.37730, 2.0276, 2.0177, 2.0328,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 792.35,2.3400,.29532,792.62,794.54,789.88
Y_2243,Cts/S, 4464.5,19.527,.43737,4471.5,4479.6,4442.5
Y_3710,Cts/S, 87239.,139.60,.16002,87356.,87277.,87085.
Y_3710-2,Cts/S, 9201.1,57.489,.62480,9213.0,9251.8,9138.6
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14.1
14

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[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 2:09:02
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00070,.00034,49.149, .00043, .00058, .00108,Chk Pass,,
Al3961,ppm, -.00526,.00524,99.636, -.00065, -.01096, -.00417,Chk Pass,,
As1890,ppm, -.00012,.00028,236.65, -.00001, -.00043, .00009,Chk Pass,,
B_2089,ppm, .00183,.00065,35.482, .00256, .00163, .00131,Chk Pass,,
Ba4554,ppm, -.00003,.00005,206.59, .00003, -.00004, -.00007,Chk Pass,,
Be3130,ppm, .00001,.00001,61.857, .00001, .00001, .00000,Chk Pass,,
Ca3179,ppm, .00050,.00112,222.76, -.00079, .00107, .00122,Chk Pass,,
Cd2288,ppm, .00016,.00009,55.564, .00006, .00021, .00022,Chk Pass,,
Co2286,ppm, .00010,.00013,121.35, .00022, -.00003, .00013,Chk Pass,,
Cr2677,ppm, .00029,.00006,19.928, .00031, .00033, .00022,Chk Pass,,
Cu3247,ppm, .00121,.00048,40.007, .00154, .00065, .00143,Chk Pass,,
Fe2599,ppm, .00110,.00140,126.95, .00059, .00268, .00003,Chk Pass,,
K_7664,ppm, .02784,.01378,49.501, .01310, .03000, .04040,Chk Pass,,
Li6707,ppm, .00090,.00135,148.96, .00244, -.00009, .00036,Chk Pass,,
Mg2790,ppm, .00466,.00475,101.89, .00544, -.00043, .00897,Chk Pass,,
Mn2576,ppm, .00006,.00005,86.120, .00009, .00009, .00000,Chk Pass,,
Mo2020,ppm, .00009,.00004,42.583, .00009, .00005, .00012,Chk Pass,,
Na5895,ppm, .27474,.00875,3.1841, .28474, .27099, .26850,Chk Pass,,
Ni2316,ppm, -.00004,.00011,294.15, .00003, -.00017, .00003,Chk Pass,,
Pb2203,ppm, -.00075,.00086,115.58, -.00125, -.00124, .00025,Chk Pass,,
Sb2068,ppm, .00084,.00024,28.819, .00112, .00074, .00067,Chk Pass,,
Se1960,ppm, .00161,.00127,78.564, .00041, .00293, .00149,Chk Pass,,
Sn1899,ppm, .00002,.00013,531.45, -.00005, .00017, -.00005,Chk Pass,,
Sr4077,ppm, .00005,.00007,135.97, .00001, .00014, .00001,Chk Pass,,
Ti3349,ppm, -.00017,.00018,108.37, -.00038, -.00005, -.00008,Chk Pass,,
Tl1908,ppm, -.00021,.00056,269.09, .00023, -.00001, -.00084,Chk Pass,,
V_2924,ppm, .00013,.00031,235.84, .00044, -.00018, .00014,Chk Pass,,
Zn2138,ppm, -.00004,.00001,26.972, -.00003, -.00004, -.00005,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 878.87,3.2410,.36877,877.45,882.58,876.58
Y_2243,Cts/S, 4558.6,8.2816,.18167,4554.4,4568.1,4553.2
Y_3710,Cts/S, 88507.,248.33,.28058,88712.,88231.,88578.
Y_3710-2,Cts/S, 9074.5,43.148,.47549,9124.1,9045.7,9053.6

[Sample Header]
Method=icapns(v488)
SampleName=T59296-8F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 2:14:44
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01153,.01707,147.96, .00405, -.00051, .03106
Al3961,ppm, .09416,.09215,97.874, .19787, .02167, .06293
As1890,ppm, -.00377,.02478,657.87, -.01164, -.02365, .02399
B_2089,ppm, 3.2187,.02360,.73317, 3.1918, 3.2288, 3.2356
Ba4554,ppm, .02676,.00648,24.207, .02554, .03375, .02097
Be3130,ppm, -.00058,.00003,5.9605, -.00055, -.00058, -.00062
Ca3179,ppm, 295.30,.68448,.23179, 296.07, 295.08, 294.76
Cd2288,ppm, .00141,.00346,244.95, .00006, -.00117, .00535
Co2286,ppm, -.00115,.00175,151.94, .00020, -.00313, -.00052
Cr2677,ppm, .01031,.00094,9.1636, .01138, .00992, .00961
Cu3247,ppm, .05294,.00635,12.000, .04703, .05966, .05214
Fe2599,ppm, -.00756,.03192,422.07, -.04377, .00457, -.01651
K_7664,ppm, 256.52,.63916,.24916, 256.93, 256.85, 255.79
Li6707,ppm, .14604,.01274,8.7263, .14305, .13505, .16001
Mg2790,ppm, 930.88,1.8655,.20040, 932.81, 929.09, 930.76
Mn2576,ppm, .00085,.00105,124.04, -.00028, .00180, .00102
Mo2020,ppm, .00719,.00403,56.078, .01019, .00877, .00261
Na5895,ppm, 7048.9,155.50,2.2060, 7215.2, 6907.0, 7024.6
Ni2316,ppm, -.00937,.01054,112.50, -.01437, -.01648, .00274
Pb2203,ppm, -.02897,.02541,87.721, -.05175, -.03358, -.00157
Sb2068,ppm, -.00782,.01433,183.08, -.01399, -.01803, .00855
Se1960,ppm, -.00991,.05005,505.08, -.04478, .04744, -.03239
Sn1899,ppm, -.01116,.00752,67.388, -.00285, -.01312, -.01750
Sr4077,ppm, 4.9535,.00784,.15825, 4.9545, 4.9608, 4.9453
Ti3349,ppm, .00565,.01016,179.67, -.00602, .01048, .01250
Tl1908,ppm, .01508,.02301,152.59, .00627, .04120, -.00222
V_2924,ppm, .00219,.00340,155.58, -.00002, .00048, .00611
Zn2138,ppm, .03104,.00233,7.5215, .02841, .03187, .03286

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 792.24,4.0175,.50710,796.60,791.42,788.69
Y_2243,Cts/S, 4350.2,16.699,.38387,4368.0,4347.6,4334.9
Y_3710,Cts/S, 84550.,389.92,.46117,84388.,84267.,84995.
Y_3710-2,Cts/S, 9168.3,54.044,.58947,9117.9,9225.4,9161.7

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 2:20:34
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01134,.00190,16.717, .01151, .00937, .01315
Al3961,ppm, .00487,.05581,1146.0, .01236, -.05430, .05656
As1890,ppm, .01562,.00566,36.254, .01495, .02158, .01032
B_2089,ppm, .99909,.01294,1.2952, .99926, .98607, 1.0119
Ba4554,ppm, .06772,.00323,4.7672, .06659, .07136, .06521
Be3130,ppm, -.00046,.00014,31.540, -.00032, -.00060, -.00045
Ca3179,ppm, 119.04,.29727,.24973, 119.36, 118.78, 118.97
Cd2288,ppm, .00288,.00111,38.707, .00416, .00213, .00234
Co2286,ppm, -.00014,.00540,3856.4, .00608, -.00362, -.00288
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Cr2677,ppm, .00299,.00305,101.86, .00553, -.00039, .00384
Cu3247,ppm, .03761,.00409,10.864, .03529, .04232, .03521
Fe2599,ppm, -.02730,.00573,20.977, -.02087, -.02916, -.03186
K_7664,ppm, 80.203,.91877,1.1456, 81.052, 80.330, 79.227
Li6707,ppm, .08563,.02197,25.659, .11050, .06884, .07756
Mg2790,ppm, 290.07,.26417,.09107, 290.29, 290.14, 289.78
Mn2576,ppm, .00014,.00067,470.20, .00044, .00062, -.00062
Mo2020,ppm, .00142,.00304,214.51, .00089, .00469, -.00133
Na5895,ppm, 2220.7,3.8434,.17307, 2224.7, 2217.0, 2220.4
Ni2316,ppm, -.00511,.00269,52.775, -.00217, -.00567, -.00747
Pb2203,ppm, .00280,.01848,661.24, -.01066, -.00483, .02387
Sb2068,ppm, -.01838,.03070,167.09, .00946, -.01328, -.05131
Se1960,ppm, .02849,.03481,122.20, -.00869, .06031, .03384
Sn1899,ppm, -.01219,.01350,110.80, -.00897, -.00058, -.02701
Sr4077,ppm, 1.6204,.00652,.40263, 1.6279, 1.6159, 1.6174
Ti3349,ppm, .00108,.00614,568.29, .00429, -.00600, .00495
Tl1908,ppm, .00174,.00471,270.23, .00407, -.00368, .00483
V_2924,ppm, .01027,.00418,40.728, .01063, .01426, .00592
Zn2138,ppm, .04197,.00167,3.9712, .04020, .04350, .04222

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 828.82,1.8503,.22324,828.84,830.66,826.96
Y_2243,Cts/S, 4435.3,14.069,.31720,4434.7,4449.6,4421.5
Y_3710,Cts/S, 86247.,38.552,.04470,86280.,86255.,86204.
Y_3710-2,Cts/S, 9138.5,53.701,.58763,9098.4,9199.5,9117.6

[Sample Header]
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Mode=CONC
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01619,.00981,60.564, .02559, .00602, .01697
Al3961,ppm, .16048,.09081,56.587, .06811, .24965, .16367
As1890,ppm, -.00566,.01854,327.39, -.00400, .01199, -.02498
B_2089,ppm, 3.3466,.00950,.28375, 3.3367, 3.3474, 3.3557
Ba4554,ppm, .03052,.00295,9.6560, .03079, .03333, .02745
Be3130,ppm, -.00036,.00035,98.657, -.00037, -.00070, .00000
Ca3179,ppm, 310.12,.56357,.18172, 310.58, 309.49, 310.29
Cd2288,ppm, -.00004,.00182,4387.2, .00206, -.00110, -.00108
Co2286,ppm, .00307,.00580,189.19, -.00354, .00541, .00733
Cr2677,ppm, .00559,.01546,276.51, -.01030, .00649, .02059
Cu3247,ppm, .04661,.00319,6.8423, .04974, .04672, .04336
Fe2599,ppm, -.00928,.01443,155.55, -.01030, .00564, -.02316
K_7664,ppm, 268.52,1.6244,.60495, 269.90, 266.73, 268.93
Li6707,ppm, .16518,.00589,3.5688, .16039, .16339, .17176
Mg2790,ppm, 980.10,2.0725,.21146, 981.47, 977.71, 981.10
Mn2576,ppm, .00021,.00041,193.99, .00067, .00005, -.00009
Mo2020,ppm, .00594,.00217,36.630, .00833, .00408, .00539
Na5895,ppm, 7447.7,15.436,.20725, 7455.7, 7457.5, 7429.9
Ni2316,ppm, -.00974,.01113,114.25, -.01289, -.01895, .00262
Pb2203,ppm, -.02036,.03046,149.61, -.00648, -.05529, .00069
Sb2068,ppm, .00568,.02476,435.97, .02609, .01281, -.02187
Se1960,ppm, -.00246,.01452,591.09, -.01541, -.00521, .01324
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Sn1899,ppm, -.01573,.01188,75.479, -.00403, -.01539, -.02778
Sr4077,ppm, 5.1685,.01205,.23316, 5.1792, 5.1554, 5.1710
Ti3349,ppm, .00728,.00836,114.96, .01626, -.00029, .00585
Tl1908,ppm, -.00436,.00766,175.58, -.00170, -.01299, .00161
V_2924,ppm, .00401,.00711,177.44, .01165, -.00241, .00277
Zn2138,ppm, .00263,.00114,43.198, .00210, .00186, .00394

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 790.93,3.3568,.42441,793.42,792.26,787.12
Y_2243,Cts/S, 4370.4,26.866,.61472,4392.2,4378.6,4340.4
Y_3710,Cts/S, 84403.,102.96,.12199,84285.,84470.,84455.
Y_3710-2,Cts/S, 9053.1,32.439,.35833,9022.8,9049.1,9087.3

[Sample Header]
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Custom ID3=
Run Time=9/7/2010 2:32:04
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Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00976,.00873,89.387, .01045, .00071, .01813
Al3961,ppm, .12563,.07823,62.272, .13803, .04194, .19693
As1890,ppm, -.01248,.02061,165.18, -.02304, .01127, -.02566
B_2089,ppm, 3.3021,.01879,.56890, 3.3173, 3.2811, 3.3080
Ba4554,ppm, .06654,.00211,3.1745, .06677, .06433, .06853
Be3130,ppm, -.00036,.00029,81.052, -.00003, -.00059, -.00045
Ca3179,ppm, 309.27,.60362,.19517, 308.61, 309.79, 309.42
Cd2288,ppm, .00379,.00199,52.407, .00153, .00524, .00461
Co2286,ppm, .00246,.00134,54.580, .00092, .00313, .00334
Cr2677,ppm, .01255,.00153,12.166, .01294, .01385, .01087
Cu3247,ppm, .03845,.00347,9.0112, .03695, .04241, .03599
Fe2599,ppm, -.02280,.02019,88.571, -.00523, -.01831, -.04485
K_7664,ppm, 273.71,1.4441,.52760, 272.21, 275.09, 273.84
Li6707,ppm, .18081,.01910,10.563, .18265, .19892, .16085
Mg2790,ppm, 984.44,3.4190,.34731, 980.55, 986.97, 985.80
Mn2576,ppm, .00099,.00060,61.035, .00164, .00087, .00045
Mo2020,ppm, .00903,.00309,34.249, .01138, .00553, .01018
Na5895,ppm, 7404.3,120.80,1.6315, 7269.6, 7503.1, 7440.2
Ni2316,ppm, -.00613,.00391,63.703, -.00218, -.00999, -.00623
Pb2203,ppm, -.02356,.03497,148.43, -.05526, .01395, -.02937
Sb2068,ppm, -.01129,.04510,399.45, .04041, -.04252, -.03176
Se1960,ppm, -.00373,.01212,324.93, -.00428, .00866, -.01557
Sn1899,ppm, -.01501,.00748,49.809, -.02343, -.00913, -.01248
Sr4077,ppm, 5.2593,.01657,.31515, 5.2469, 5.2782, 5.2529
Ti3349,ppm, .00863,.00038,4.4518, .00838, .00908, .00845
Tl1908,ppm, -.00651,.00749,114.99, -.00718, .00129, -.01365
V_2924,ppm, -.00510,.00987,193.54, -.01088, .00630, -.01072
Zn2138,ppm, .00100,.00085,85.118, .00164, .00131, .00004

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 781.98,.71593,.09155,781.58,781.56,782.81
Y_2243,Cts/S, 4328.6,2.1488,.04964,4329.1,4330.5,4326.3
Y_3710,Cts/S, 82346.,266.69,.32386,82048.,82561.,82429.
Y_3710-2,Cts/S, 8844.4,61.353,.69369,8913.6,8796.7,8822.8
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[Sample Header]
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Run Time=9/7/2010 2:37:52
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Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .02703,.01475,54.553, .03972, .03053, .01085
Al3961,ppm, .90021,.13412,14.899, .81844, .82719, 1.0550
As1890,ppm, -.03824,.03117,81.516, -.07241, -.03092, -.01138
B_2089,ppm, 3.6060,.01230,.34118, 3.5967, 3.6013, 3.6199
Ba4554,ppm, .01512,.00153,10.102, .01644, .01344, .01547
Be3130,ppm, -.00039,.00036,91.155, -.00078, -.00008, -.00032
Ca3179,ppm, 330.17,.16090,.04873, 330.13, 330.35, 330.04
Cd2288,ppm, .00009,.00351,3892.5, -.00331, .00371, -.00012
Co2286,ppm, .00172,.00430,250.41, -.00322, .00463, .00374
Cr2677,ppm, .00834,.00405,48.583, .00504, .01286, .00711
Cu3247,ppm, .05379,.01289,23.961, .06837, .04391, .04910
Fe2599,ppm, -.00086,.02003,2334.3, -.02229, .00233, .01738
K_7664,ppm, 290.47,.28102,.09675, 290.23, 290.78, 290.39
Li6707,ppm, .18970,.01223,6.4496, .18527, .20353, .18029
Mg2790,ppm, 1056.7,1.7941,.16978, 1058.6, 1055.1, 1056.4
Mn2576,ppm, .00124,.00088,70.573, .00029, .00141, .00203
Mo2020,ppm, .01388,.00423,30.482, .00947, .01426, .01790
Na5895,ppm, 7975.3,22.894,.28706, 7954.2, 7972.1, 7999.6
Ni2316,ppm, -.00584,.00468,80.084, -.01079, -.00149, -.00525
Pb2203,ppm, -.02358,.01424,60.410, -.01203, -.01920, -.03949
Sb2068,ppm, -.01713,.01161,67.758, -.00671, -.02963, -.01504
Se1960,ppm, .01215,.03704,304.83, .02631, .04002, -.02988
Sn1899,ppm, -.01645,.00703,42.770, -.02457, -.01248, -.01229
Sr4077,ppm, 5.5713,.00595,.10677, 5.5727, 5.5765, 5.5648
Ti3349,ppm, .01334,.00166,12.433, .01168, .01499, .01335
Tl1908,ppm, .00293,.01229,419.36, .01124, .00874, -.01119
V_2924,ppm, -.00686,.00327,47.602, -.00365, -.01018, -.00676
Zn2138,ppm, .01499,.00145,9.6437, .01666, .01427, .01405

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 787.75,2.7839,.35340,790.15,788.40,784.70
Y_2243,Cts/S, 4356.7,12.680,.29104,4367.8,4359.3,4342.9
Y_3710,Cts/S, 84584.,140.84,.16650,84483.,84525.,84745.
Y_3710-2,Cts/S, 9073.1,15.720,.17326,9055.8,9077.1,9086.4

[Sample Header]
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Custom ID3=
Run Time=9/7/2010 2:43:39
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01028,.01355,131.81, -.00527, .01957, .01654
Al3961,ppm, .24314,.16546,68.050, .33117, .34596, .05228
As1890,ppm, -.02885,.02547,88.281, -.05586, -.00528, -.02540
B_2089,ppm, 3.5947,.02552,.70985, 3.5865, 3.5744, 3.6234
Ba4554,ppm, .01941,.00419,21.591, .02350, .01512, .01962
Be3130,ppm, -.00072,.00015,21.340, -.00070, -.00058, -.00088
Ca3179,ppm, 331.62,.69477,.20951, 332.28, 331.69, 330.89
Cd2288,ppm, .00030,.00510,1692.6, .00329, .00320, -.00559
Co2286,ppm, .00246,.00862,349.89, .01227, -.00395, -.00092
Cr2677,ppm, .01118,.00720,64.383, .01601, .00291, .01463
Cu3247,ppm, .04640,.01468,31.631, .06036, .03109, .04775
Fe2599,ppm, -.03438,.04937,143.60, -.01594, .00311, -.09032
K_7664,ppm, 296.85,1.6655,.56107, 297.91, 297.71, 294.93
Li6707,ppm, .14938,.01718,11.500, .12970, .16140, .15704
Mg2790,ppm, 1064.1,3.6249,.34067, 1068.0, 1063.2, 1061.0
Mn2576,ppm, .00289,.00028,9.7887, .00258, .00314, .00294
Mo2020,ppm, .01027,.00483,47.034, .01418, .01177, .00487
Na5895,ppm, 8042.0,55.170,.68603, 8097.1, 7986.8, 8042.1
Ni2316,ppm, -.01123,.00384,34.164, -.01448, -.00700, -.01222
Pb2203,ppm, -.02383,.01827,76.667, -.00643, -.04286, -.02219
Sb2068,ppm, -.01657,.01170,70.641, -.00867, -.03001, -.01103
Se1960,ppm, .00033,.07108,21483., .08126, -.02828, -.05199
Sn1899,ppm, -.01001,.00823,82.275, -.01140, -.00117, -.01746
Sr4077,ppm, 5.6847,.01473,.25916, 5.6959, 5.6902, 5.6680
Ti3349,ppm, .00995,.00426,42.790, .01403, .01029, .00553
Tl1908,ppm, .00756,.01737,229.73, .00981, .02371, -.01083
V_2924,ppm, -.00328,.00776,236.43, -.00567, -.00957, .00539
Zn2138,ppm, .03661,.00098,2.6829, .03552, .03741, .03690

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 777.02,1.9023,.24482,775.74,779.20,776.11
Y_2243,Cts/S, 4305.5,10.069,.23387,4308.6,4313.7,4294.2
Y_3710,Cts/S, 82389.,141.15,.17133,82249.,82386.,82531.
Y_3710-2,Cts/S, 8845.0,4.7036,.05318,8840.6,8850.0,8844.6

[Sample Header]
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00551,.00787,142.75, .01145, -.00341, .00850
Al3961,ppm, .13051,.06635,50.836, .11833, .07110, .20211
As1890,ppm, -.02623,.01431,54.540, -.00979, -.03307, -.03583
B_2089,ppm, 3.6076,.00917,.25419, 3.6177, 3.6052, 3.5999
Ba4554,ppm, .02103,.00123,5.8478, .02012, .02243, .02054
Be3130,ppm, -.00044,.00019,43.681, -.00041, -.00064, -.00026
Ca3179,ppm, 332.81,.83206,.25001, 332.21, 332.46, 333.76
Cd2288,ppm, .00043,.00356,822.20, .00293, -.00365, .00202
Co2286,ppm, -.00215,.00624,289.89, -.00928, .00047, .00235
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Cr2677,ppm, .00912,.01077,118.01, .01175, -.00271, .01834
Cu3247,ppm, .05128,.00406,7.9188, .05593, .04843, .04947
Fe2599,ppm, -.02329,.03538,151.88, -.04295, .01755, -.04448
K_7664,ppm, 294.95,.93114,.31570, 294.40, 294.42, 296.02
Li6707,ppm, .17428,.02734,15.688, .17852, .14506, .19925
Mg2790,ppm, 1068.6,4.0128,.37551, 1066.2, 1066.4, 1073.3
Mn2576,ppm, .00738,.00069,9.3120, .00662, .00795, .00759
Mo2020,ppm, .00909,.00351,38.558, .00608, .01294, .00825
Na5895,ppm, 8047.2,105.37,1.3094, 8117.5, 8098.2, 7926.1
Ni2316,ppm, -.01105,.00225,20.367, -.01152, -.00860, -.01302
Pb2203,ppm, -.02987,.00864,28.940, -.03407, -.01993, -.03561
Sb2068,ppm, -.02632,.02117,80.435, -.04866, -.00657, -.02371
Se1960,ppm, .05739,.01855,32.324, .03913, .05682, .07622
Sn1899,ppm, -.01594,.01444,90.578, -.00859, -.00665, -.03257
Sr4077,ppm, 5.6505,.01557,.27547, 5.6453, 5.6383, 5.6680
Ti3349,ppm, .01267,.00661,52.166, .01276, .01923, .00601
Tl1908,ppm, .00840,.01925,229.15, .02768, -.01082, .00834
V_2924,ppm, .00088,.00676,764.07, .00860, -.00200, -.00395
Zn2138,ppm, .00854,.00109,12.788, .00737, .00953, .00872

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 787.71,2.2137,.28104,790.22,786.84,786.06
Y_2243,Cts/S, 4359.9,12.922,.29638,4374.6,4350.3,4354.8
Y_3710,Cts/S, 83498.,232.92,.27895,83681.,83235.,83577.
Y_3710-2,Cts/S, 9000.1,24.638,.27375,9028.4,8988.7,8983.2

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Run Time=9/7/2010 2:55:16
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01602,.00554,34.572, .01396, .01181, .02230
Al3961,ppm, .37510,.21071,56.174, .56355, .14760, .41415
As1890,ppm, -.01598,.01392,87.116, -.00118, -.01795, -.02881
B_2089,ppm, 7.0278,.01999,.28449, 7.0168, 7.0157, 7.0509
Ba4554,ppm, .05398,.00435,8.0595, .05620, .04896, .05677
Be3130,ppm, -.00070,.00021,29.527, -.00056, -.00093, -.00060
Ca3179,ppm, 643.19,2.4548,.38166, 643.02, 640.82, 645.72
Cd2288,ppm, .00291,.00364,124.84, -.00127, .00532, .00469
Co2286,ppm, -.00200,.00567,282.84, -.00201, .00367, -.00766
Cr2677,ppm, .01202,.01188,98.797, .01585, -.00130, .02151
Cu3247,ppm, .04768,.01443,30.270, .03605, .06383, .04314
Fe2599,ppm, -.02634,.02041,77.486, -.01889, -.01070, -.04942
K_7664,ppm, 583.56,3.0019,.51441, 582.20, 581.49, 587.01
Li6707,ppm, .32674,.01778,5.4409, .34519, .30973, .32530
Mg2790,ppm, 2065.1,11.070,.53605, 2062.0, 2055.9, 2077.4
Mn2576,ppm, .02416,.00008,.34687, .02418, .02406, .02423
Mo2020,ppm, .02034,.00115,5.6451, .02049, .02141, .01913
Na5895,ppm, 15231.,137.74,.90438, 15119., 15189., 15385.
Ni2316,ppm, -.01769,.00783,44.244, -.02001, -.00897, -.02410
Pb2203,ppm, -.02741,.02973,108.45, -.00791, -.01270, -.06163
Sb2068,ppm, -.01586,.00591,37.283, -.02154, -.01631, -.00974
Se1960,ppm, .02423,.02400,99.045, .00742, .05171, .01355
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Zoom Out

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Sn1899,ppm, -.01541,.00168,10.873, -.01696, -.01564, -.01363
Sr4077,ppm, 11.104,.05185,.46697, 11.075, 11.073, 11.163
Ti3349,ppm, .01543,.00233,15.114, .01796, .01337, .01495
Tl1908,ppm, .00427,.01557,364.41, .02068, -.01029, .00243
V_2924,ppm, .00158,.01192,756.71, -.00364, .01522, -.00685
Zn2138,ppm, .00743,.00100,13.454, .00797, .00804, .00628

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 737.23,2.5566,.34679,739.35,737.96,734.39
Y_2243,Cts/S, 4173.0,8.7483,.20964,4175.0,4180.6,4163.5
Y_3710,Cts/S, 79614.,141.56,.17781,79769.,79492.,79581.
Y_3710-2,Cts/S, 8785.7,72.544,.82571,8823.2,8831.7,8702.0

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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm,F .22400,.00132,.58786, .22403, .22268, .22531,Chk Fail,.25000,-10.000%
Al3961,ppm,F 35.881,.15853,.44181, 36.052, 35.853, 35.738,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0423,.00986,.48275, 2.0435, 2.0320, 2.0516,Chk Pass,,
B_2089,ppm, 2.0252,.00902,.44558, 2.0230, 2.0175, 2.0351,Chk Pass,,
Ba4554,ppm, 1.9160,.00172,.08997, 1.9178, 1.9143, 1.9160,Chk Pass,,
Be3130,ppm, 2.0803,.01140,.54805, 2.0687, 2.0915, 2.0806,Chk Pass,,
Ca3179,ppm, 39.356,.13058,.33180, 39.507, 39.286, 39.276,Chk Pass,,
Cd2288,ppm, 1.9974,.00700,.35053, 1.9974, 1.9904, 2.0044,Chk Pass,,
Co2286,ppm, 1.9855,.00590,.29705, 1.9835, 1.9808, 1.9921,Chk Pass,,
Cr2677,ppm, 2.1009,.00136,.06474, 2.0996, 2.1023, 2.1007,Chk Pass,,
Cu3247,ppm, 1.8039,.00735,.40730, 1.8050, 1.7960, 1.8106,Chk Pass,,
Fe2599,ppm, 37.399,.15331,.40992, 37.575, 37.328, 37.294,Chk Pass,,
K_7664,ppm, 36.743,.18324,.49872, 36.936, 36.721, 36.571,Chk Pass,,
Li6707,ppm, 1.8617,.00702,.37727, 1.8693, 1.8602, 1.8554,Chk Pass,,
Mg2790,ppm, 39.129,.21754,.55596, 39.374, 39.052, 38.959,Chk Pass,,
Mn2576,ppm, 1.9056,.00682,.35785, 1.9038, 1.8999, 1.9132,Chk Pass,,
Mo2020,ppm, 1.9430,.00648,.33375, 1.9427, 1.9367, 1.9496,Chk Pass,,
Na5895,ppm, 38.057,.15142,.39788, 38.231, 37.985, 37.954,Chk Pass,,
Ni2316,ppm, 2.0240,.00342,.16885, 2.0218, 2.0222, 2.0279,Chk Pass,,
Pb2203,ppm, 1.9887,.00479,.24067, 1.9837, 1.9891, 1.9932,Chk Pass,,
Sb2068,ppm, 1.9946,.00824,.41293, 1.9974, 1.9853, 2.0010,Chk Pass,,
Se1960,ppm, 2.0312,.00603,.29703, 2.0314, 2.0250, 2.0371,Chk Pass,,
Sn1899,ppm, 2.0234,.00896,.44273, 2.0220, 2.0152, 2.0329,Chk Pass,,
Sr4077,ppm, 1.8273,.00646,.35333, 1.8346, 1.8253, 1.8221,Chk Pass,,
Ti3349,ppm, 1.9267,.00415,.21537, 1.9260, 1.9230, 1.9312,Chk Pass,,
Tl1908,ppm, 2.0143,.00426,.21130, 2.0108, 2.0130, 2.0190,Chk Pass,,
V_2924,ppm, 1.9075,.00286,.14975, 1.9063, 1.9055, 1.9108,Chk Pass,,
Zn2138,ppm, 2.0324,.00605,.29782, 2.0325, 2.0262, 2.0383,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 795.91,1.4265,.17923,796.10,797.23,794.40
Y_2243,Cts/S, 4484.9,17.916,.39947,4477.1,4505.4,4472.2
Y_3710,Cts/S, 87511.,32.297,.03691,87502.,87547.,87485.
Y_3710-2,Cts/S, 9147.4,61.564,.67303,9076.8,9189.9,9175.5
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14.1

14

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Custom ID2=
Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00013,.00086,685.02, -.00087, .00055, .00069,Chk Pass,,
Al3961,ppm, -.00119,.00059,49.600, -.00119, -.00060, -.00178,Chk Pass,,
As1890,ppm, .00039, .00026,66.628, .00069, .00023, .00025,Chk Pass,,
B_2089,ppm, .00194,.00053,27.333, .00231, .00219, .00134,Chk Pass,,
Ba4554,ppm, -.00010,.00012,118.27, -.00017, -.00016, .00004,Chk Pass,,
Be3130,ppm, .00002,.00001,33.368, .00003, .00002, .00001,Chk Pass,,
Ca3179,ppm, .00323,.00139,43.003, .00238, .00248, .00484,Chk Pass,,
Cd2288,ppm, .00017,.00013,79.158, .00013, .00006, .00031,Chk Pass,,
Co2286,ppm, .00023,.00029,128.67, .00035, .00043, -.00011,Chk Pass,,
Cr2677,ppm, .00042,.00031,73.917, .00020, .00029, .00078,Chk Pass,,
Cu3247,ppm, .00113,.00021,18.801, .00089, .00123, .00127,Chk Pass,,
Fe2599,ppm, .00037,.00122,329.51, -.00098, .00140, .00070,Chk Pass,,
K_7664,ppm, .03722,.00759,20.388, .03099, .03500, .04567,Chk Pass,,
Li6707,ppm, .00087,.00096,110.71, .00060, .00007, .00194,Chk Pass,,
Mg2790,ppm, -.00222,.01147,516.38, .00441, -.01546, .00439,Chk Pass,,
Mn2576,ppm, .00003,.00002,61.943, .00002, .00004, .00001,Chk Pass,,
Mo2020,ppm, .00018,.00013,74.822, .00011, .00033, .00009,Chk Pass,,
Na5895,ppm, .29093,.00608,2.0915, .29457, .29432, .28391,Chk Pass,,
Ni2316,ppm, -.00022,.00028,125.50, -.00051, -.00021, .00005,Chk Pass,,
Pb2203,ppm, -.00031,.00083,265.46, -.00073, .00065, -.00086,Chk Pass,,
Sb2068,ppm, .00029,.00086,298.14, .00099, .00055, -.00067,Chk Pass,,
Se1960,ppm, .00144,.00250,174.22, -.00071, .00083, .00418,Chk Pass,,
Sn1899,ppm, .00017,.00057,337.71, -.00030, .00081, .00000,Chk Pass,,
Sr4077,ppm, .00002,.00006,250.72, .00004, -.00004, .00007,Chk Pass,,
Ti3349,ppm, -.00005,.00008,159.77, .00001, -.00014, -.00002,Chk Pass,,
Tl1908,ppm, .00021,.00012,54.067, .00008, .00029, .00027,Chk Pass,,
V_2924,ppm, .00000,.00029,9767.1, .00033, -.00023, -.00011,Chk Pass,,
Zn2138,ppm, -.00011,.00004,39.761, -.00015, -.00011, -.00006,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 876.80,3.1550,.35983,878.00,879.18,873.22
Y_2243,Cts/S, 4575.8,13.038,.28493,4589.0,4575.7,4562.9
Y_3710,Cts/S, 88054.,260.55,.29590,88354.,87923.,87885.
Y_3710-2,Cts/S, 9044.4,64.121,.70896,9088.7,9073.6,8970.9

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Comment=TCLP
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Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00228,.00081,35.447, .00164, .00201, .00319
Al3961,ppm, .07273,.03877,53.314, .11354, .03639, .06824
As1890,ppm, .00260,.00158,60.706, .00204, .00137, .00438
B_2089,ppm, .12715,.00200,1.5698, .12922, .12524, .12699
Ba4554,ppm, .02556,.00058,2.2661, .02528, .02518, .02623
Be3130,ppm, -.00011,.00003,27.445, -.00011, -.00008, -.00014
Ca3179,ppm, 1.0348,.00911,.88072, 1.0444, 1.0263, 1.0335
Cd2288,ppm, .01233,.00066,5.3325, .01243, .01294, .01163
Co2286,ppm, .00039,.00079,202.32, .00123, .00028, -.00034
Cr2677,ppm, .00343,.00028,8.2925, .00311, .00362, .00357
Cu3247,ppm, .01110,.00056,5.0812, .01133, .01046, .01151
Fe2599,ppm, .00612,.01053,171.91, .01532, .00840, -.00536
K_7664,ppm, .40455,.04723,11.674, .45767, .38871, .36728
Li6707,ppm, .00567,.00518,91.197, .00011, .01034, .00657
Mg2790,ppm, .20098,.03162,15.732, .22098, .16453, .21743
Mn2576,ppm, .00141,.00027,19.309, .00110, .00151, .00161
Mo2020,ppm, .00314,.00010,3.1185, .00324, .00304, .00313
Na5895,ppm, 1307.8,26.168,2.0009, 1328.8, 1316.1, 1278.5
Ni2316,ppm, -.00006,.00136,2246.3, .00064, -.00163, .00081
Pb2203,ppm, .00282,.00131,46.493, .00162, .00422, .00263
Sb2068,ppm, .00344,.00571,165.91, -.00250, .00395, .00887
Se1960,ppm, -.00085,.00908,1064.0, -.00844, .00921, -.00333
Sn1899,ppm, -.00006,.00061,1009.5, .00060, -.00060, -.00019
Sr4077,ppm, .00283,.00030,10.648, .00310, .00251, .00289
Ti3349,ppm, -.00042,.00155,369.46, -.00082, -.00173, .00129
Tl1908,ppm, -.00166,.00363,219.15, -.00038, .00116, -.00575
V_2924,ppm, .00145,.00103,71.154, .00114, .00259, .00060
Zn2138,ppm, .09730,.00035,.35879, .09713, .09707, .09771

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 802.87,1.4561,.18137,803.77,803.64,801.19
Y_2243,Cts/S, 4415.7,9.7386,.22054,4423.0,4419.5,4404.7
Y_3710,Cts/S, 85066.,323.92,.38079,85151.,84708.,85339.
Y_3710-2,Cts/S, 9089.6,59.524,.65485,9035.4,9080.1,9153.3

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Run Time=9/7/2010 3:18:03
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .03800,.00280,7.3717, .03641, .03635, .04123
Al3961,ppm, 47.133,.16522,.35055, 46.951, 47.175, 47.273
As1890,ppm, 2.1303,.01013,.47543, 2.1199, 2.1308, 2.1401
B_2089,ppm, .13889,.00152,1.0934, .13964, .13989, .13714
Ba4554,ppm, 5.1277,.00356,.06943, 5.1273, 5.1315, 5.1244
Be3130,ppm, .05483,.00002,.03083, .05481, .05484, .05484
Ca3179,ppm, 1.4835,.00189,.12760, 1.4853, 1.4836, 1.4815
Cd2288,ppm, .09184,.00084,.91367, .09174, .09105, .09272
Co2286,ppm, .51080,.00232,.45486, .50814, .51188, .51239
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Cr2677,ppm, .21929,.00138,.62761, .21890, .22082, .21816
Cu3247,ppm, .24770,.00098,.39516, .24804, .24847, .24660
Fe2599,ppm, .00871,.00345,39.620, .00738, .01262, .00612
K_7664,ppm, .41237,.08319,20.174, .37872, .50712, .35127
Li6707,ppm, .00433,.00216,49.832, .00185, .00575, .00538
Mg2790,ppm, .22677,.02132,9.4010, .24218, .23570, .20244
Mn2576,ppm, .50312,.00065,.12985, .50243, .50322, .50372
Mo2020,ppm, .39984,.00178,.44523, .39834, .39938, .40181
Na5895,ppm, 1272.8,2.5922,.20366, 1275.8, 1271.5, 1271.1
Ni2316,ppm, .50654,.00343,.67662, .50497, .50418, .51047
Pb2203,ppm, 1.9901,.01541,.77410, 1.9837, 1.9789, 2.0076
Sb2068,ppm, .50801,.00147,.28995, .50960, .50670, .50773
Se1960,ppm, 2.1155,.01557,.73582, 2.0984, 2.1193, 2.1289
Sn1899,ppm, -.00161,.00185,114.54, -.00255, .00052, -.00281
Sr4077,ppm, .00315,.00009,2.7363, .00315, .00307, .00324
Ti3349,ppm, .00078,.00082,104.70, -.00003, .00161, .00078
Tl1908,ppm, 2.0067,.01940,.96684, 1.9872, 2.0070, 2.0259
V_2924,ppm, .50040,.00111,.22115, .50025, .49938, .50158
Zn2138,ppm, .64149,.00168,.26150, .63956, .64237, .64255

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 790.73,2.6931,.34058,793.76,789.81,788.61
Y_2243,Cts/S, 4426.7,5.6889,.12852,4428.9,4420.2,4430.9
Y_3710,Cts/S, 85123.,130.39,.15318,85102.,85262.,85004.
Y_3710-2,Cts/S, 9083.9,8.4710,.09325,9083.7,9075.6,9092.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00534,.00110,20.584, .00452, .00492, .00659
Al3961,ppm, .19066,.00785,4.1160, .18688, .19968, .18541
As1890,ppm, .00480,.00621,129.46, -.00121, .01120, .00442
B_2089,ppm, .38832,.00096,.24698, .38802, .38940, .38755
Ba4554,ppm, .17508,.00090,.51601, .17509, .17417, .17597
Be3130,ppm, .00011,.00005,44.923, .00015, .00006, .00011
Ca3179,ppm, 63.647,.12515,.19663, 63.774, 63.524, 63.644
Cd2288,ppm, .00243,.00048,19.957, .00251, .00191, .00287
Co2286,ppm, .00934,.00081,8.6730, .01027, .00881, .00893
Cr2677,ppm, .00296,.00181,61.055, .00443, .00094, .00352
Cu3247,ppm, .01417,.00152,10.755, .01567, .01422, .01262
Fe2599,ppm, .05361,.00498,9.2860, .04940, .05233, .05910
K_7664,ppm, 12.169,.00524,.04303, 12.171, 12.173, 12.163
Li6707,ppm, .01444,.00196,13.544, .01663, .01380, .01288
Mg2790,ppm, 33.790,.16631,.49218, 33.981, 33.714, 33.675
Mn2576,ppm, 3.3950,.00849,.24999, 3.4030, 3.3958, 3.3861
Mo2020,ppm, .00088,.00062,70.701, .00056, .00159, .00047
Na5895,ppm, 1342.5,18.010,1.3415, 1363.2, 1330.5, 1333.9
Ni2316,ppm, .01479,.00069,4.6538, .01399, .01521, .01516
Pb2203,ppm, -.00307,.00246,80.018, -.00589, -.00135, -.00198
Sb2068,ppm, -.00269,.00710,263.70, -.00175, .00389, -.01022
Se1960,ppm, .01333,.00514,38.577, .01899, .00896, .01203
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Sn1899,ppm, -.00260,.00246,94.339, -.00073, -.00538, -.00170
Sr4077,ppm, .32941,.00132,.39959, .33070, .32947, .32807
Ti3349,ppm, .00097,.00100,102.78, .00207, .00075, .00010
Tl1908,ppm, .00584,.00281,48.199, .00411, .00909, .00432
V_2924,ppm, .00182,.00098,53.648, .00069, .00235, .00243
Zn2138,ppm, 1.2736,.00615,.48251, 1.2707, 1.2695, 1.2807

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 797.03,.89714,.11256,797.44,797.65,796.00
Y_2243,Cts/S, 4411.7,10.857,.24609,4421.2,4413.9,4399.9
Y_3710,Cts/S, 85432.,201.12,.23541,85215.,85470.,85612.
Y_3710-2,Cts/S, 9130.7,14.204,.15557,9123.0,9122.0,9147.1

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Custom ID3=
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Sample Type=Unk
Mode=CONC
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00181,.00042,23.135, .00136, .00220, .00188
Al3961,ppm, .09582,.01203,12.560, .08353, .09633, .10759
As1890,ppm, -.00152,.00544,357.25, -.00779, .00203, .00119
B_2089,ppm, .39540,.00671,1.6981, .39331, .38998, .40291
Ba4554,ppm, .18093,.00107,.59156, .17981, .18103, .18194
Be3130,ppm, .00016,.00006,38.752, .00015, .00010, .00023
Ca3179,ppm, 65.566,.12481,.19035, 65.466, 65.525, 65.706
Cd2288,ppm, .00275,.00036,12.916, .00264, .00247, .00315
Co2286,ppm, .00945,.00061,6.4609, .00876, .00990, .00970
Cr2677,ppm, .00313,.00096,30.695, .00220, .00308, .00412
Cu3247,ppm, .01201,.00119,9.9061, .01223, .01308, .01073
Fe2599,ppm, .06109,.00493,8.0658, .05609, .06594, .06126
K_7664,ppm, 12.779,.09708,.75970, 12.838, 12.831, 12.666
Li6707,ppm, .01008,.00469,46.485, .01542, .00819, .00663
Mg2790,ppm, 35.123,.20696,.58925, 34.894, 35.296, 35.180
Mn2576,ppm, 3.5588,.00466,.13085, 3.5580, 3.5637, 3.5545
Mo2020,ppm, .00040,.00054,133.53, -.00014, .00094, .00041
Na5895,ppm, 1379.0,8.8574,.64233, 1378.1, 1370.6, 1388.2
Ni2316,ppm, .01248,.00103,8.2598, .01315, .01130, .01300
Pb2203,ppm, -.00769,.00341,44.363, -.00517, -.00632, -.01157
Sb2068,ppm, .00080,.00771,959.86, -.00750, .00774, .00217
Se1960,ppm, .00874,.00723,82.712, .01070, .00050, .01402
Sn1899,ppm, -.00170,.00041,24.144, -.00154, -.00217, -.00140
Sr4077,ppm, .34357,.00193,.56222, .34168, .34350, .34554
Ti3349,ppm, .00112,.00220,196.93, .00202, -.00139, .00273
Tl1908,ppm, -.00118,.00295,250.48, .00032, .00072, -.00458
V_2924,ppm, .00136,.00072,53.076, .00116, .00076, .00216
Zn2138,ppm, 1.2838,.00744,.57917, 1.2815, 1.2779, 1.2922

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 782.70,3.9432,.50380,783.30,786.31,778.49
Y_2243,Cts/S, 4355.1,19.898,.45690,4360.1,4372.1,4333.2
Y_3710,Cts/S, 82986.,324.79,.39138,83277.,83046.,82636.
Y_3710-2,Cts/S, 8936.0,38.409,.42982,8965.9,8949.6,8892.7
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sa090610s.icp

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[Sample Header]
Method=icapns(v488)
SampleName=MP12737-SD1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 3:35:12
Sample Type=Unk
Mode=CONC
CorrFactor=25.00
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01277,.01086,85.047, .00563, .02526, .00741
Al3961,ppm, .31139,.03924,12.602, .27756, .35441, .30219
As1890,ppm, .01073,.01191,111.02, -.00302, .01742, -.01779
B_2089,ppm, .36633,.00387,1.0564, .37079, .36406, .36412
Ba4554,ppm, .16886,.00312,1.8470, .16696, .16717, .17246
Be3130,ppm, -.00009,.00009,93.906, -.00002, -.00019, -.00007
Ca3179,ppm, 63.085,.08942,.14174, 63.106, 63.161, 62.986
Cd2288,ppm, .00355,.00504,142.16, .00708, .00578, -.00223
Co2286,ppm, .00801,.00466,58.159, .00549, .01339, .00516
Cr2677,ppm, .00703,.00306,43.582, .00981, .00375, .00753
Cu3247,ppm, .05324,.00326,6.1243, .05485, .04949, .05539
Fe2599,ppm, .04162,.02554,61.368, .06469, .04598, .01418
K_7664,ppm, 12.866,.21567,1.6762, 13.032, 12.622, 12.944
Li6707,ppm, .02449,.00492,20.101, .01977, .02960, .02411
Mg2790,ppm, 33.749,.42032,1.2454, 34.018, 33.963, 33.264
Mn2576,ppm, 3.3555,.01439,.42875, 3.3720, 3.3488, 3.3456
Mo2020,ppm, -.00484,.00370,76.511, -.00740, -.00059, -.00653
Na5895,ppm, 1355.7,3.6521,.26939, 1359.4, 1355.6, 1352.1
Ni2316,ppm, .00717,.00458,63.858, .00208, .01095, .00848
Pb2203,ppm, -.01265,.01757,138.91, .00763, -.02232, -.02325
Sb2068,ppm, .01548,.01994,128.80, -.00607, .03326, .01925
Se1960,ppm, .00229,.01522,663.46, .01379, .00806, -.01496
Sn1899,ppm, -.01300,.00764,58.770, -.02086, -.00560, -.01254
Sr4077,ppm, .32489,.00050,.15469, .32478, .32544, .32445
Ti3349,ppm, -.00655,.00460,70.225, -.00126, -.00957, -.00881
Tl1908,ppm, .01334,.01847,138.40, .03252, -.00433, .01184
V_2924,ppm, .00615,.00595,96.833, .01286, .00411, .00148
Zn2138,ppm, 1.2497,.00614,.49159, 1.2484, 1.2444, 1.2564

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 855.07,2.8428,.33246,853.92,858.31,852.99
Y_2243,Cts/S, 4563.9,21.598,.47325,4567.8,4583.3,4540.6
Y_3710,Cts/S, 88235.,259.31,.29388,87943.,88441.,88320.
Y_3710-2,Cts/S, 9162.6,62.053,.67724,9115.9,9138.9,9233.0

[Sample Header]
Method=icapns(v488)
SampleName=MP12737-S1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 3:40:50
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .03691,.00157,4.2613, .03603, .03597, .03872
Al3961,ppm, 47.187,.20714,.43898, 47.005, 47.144, 47.413
As1890,ppm, 2.1269,.01022,.48072, 2.1329, 2.1151, 2.1327
B_2089,ppm, .40850,.00306,.75003, .40598, .40761, .41191
Ba4554,ppm, 5.2165,.01158,.22195, 5.2062, 5.2143, 5.2290
Be3130,ppm, .05468,.00015,.28301, .05453, .05484, .05469
Ca3179,ppm, 65.169,.12692,.19475, 65.063, 65.134, 65.310
Cd2288,ppm, .08165,.00072,.87885, .08088, .08230, .08175
Co2286,ppm, .51186,.00230,.44891, .50969, .51163, .51427
Cr2677,ppm, .21856,.00151,.68974, .22018, .21829, .21720
Cu3247,ppm, .25376,.00100,.39370, .25459, .25265, .25405
Fe2599,ppm, .07384,.00556,7.5334, .06940, .07204, .08008
K_7664,ppm, 12.438,.03522,.28315, 12.458, 12.459, 12.397
Li6707,ppm, .01137,.00364,32.016, .01534, .00819, .01057
Mg2790,ppm, 34.389,.02728,.07932, 34.373, 34.373, 34.420
Mn2576,ppm, 3.9934,.01183,.29621, 4.0016, 3.9987, 3.9798
Mo2020,ppm, .39719,.00284,.71535, .39426, .39738, .39993
Na5895,ppm, 1358.3,10.170,.74872, 1368.6, 1348.2, 1358.2
Ni2316,ppm, .51209,.00148,.28955, .51052, .51228, .51347
Pb2203,ppm, 1.9743,.01041,.52715, 1.9668, 1.9700, 1.9862
Sb2068,ppm, .50779,.00578,1.1382, .50119, .51022, .51196
Se1960,ppm, 2.1012,.01936,.92154, 2.0959, 2.0851, 2.1227
Sn1899,ppm, -.00017,.00425,2467.0, .00409, -.00441, -.00019
Sr4077,ppm, .33807,.00114,.33676, .33720, .33764, .33936
Ti3349,ppm, .00088,.00127,145.38, .00008, .00235, .00021
Tl1908,ppm, 1.9931,.01317,.66085, 1.9867, 1.9843, 2.0082
V_2924,ppm, .50295,.00145,.28854, .50182, .50459, .50244
Zn2138,ppm, 1.8103,.00738,.40760, 1.8082, 1.8043, 1.8186

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.56,1.8682,.23752,787.81,787.45,784.41
Y_2243,Cts/S, 4400.8,13.111,.29791,4392.6,4415.9,4393.8
Y_3710,Cts/S, 84476.,436.10,.51624,84317.,84142.,84969.
Y_3710-2,Cts/S, 9047.9,20.566,.22730,9070.6,9030.6,9042.4

[Sample Header]
Method=icapns(v488)
SampleName=MP12737-S2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 3:46:28
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .03555,.00239,6.7129, .03761, .03611, .03294
Al3961,ppm, 46.519,.13602,.29239, 46.404, 46.485, 46.669
As1890,ppm, 2.1083,.00668,.31692, 2.1006, 2.1118, 2.1126
B_2089,ppm, .39675,.00281,.70896, .39975, .39417, .39633
Ba4554,ppm, 5.1436,.00688,.13380, 5.1463, 5.1358, 5.1487
Be3130,ppm, .05436,.00003,.05992, .05433, .05437, .05440
Ca3179,ppm, 63.599,.14445,.22713, 63.449, 63.611, 63.737
Cd2288,ppm, .07974,.00033,.41235, .07962, .07950, .08012
Co2286,ppm, .50582,.00110,.21666, .50597, .50465, .50683
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Cr2677,ppm, .21533,.00224,1.0424, .21415, .21391, .21791
Cu3247,ppm, .24800,.00103,.41432, .24684, .24878, .24839
Fe2599,ppm, .07337,.00793,10.803, .08180, .06607, .07225
K_7664,ppm, 12.145,.06533,.53786, 12.074, 12.160, 12.202
Li6707,ppm, .01575,.00260,16.474, .01445, .01407, .01874
Mg2790,ppm, 33.648,.05537,.16456, 33.586, 33.694, 33.663
Mn2576,ppm, 3.8587,.00571,.14804, 3.8548, 3.8652, 3.8560
Mo2020,ppm, .39244,.00196,.49905, .39071, .39203, .39457
Na5895,ppm, 1312.6,22.547,1.7177, 1301.8, 1338.6, 1297.6
Ni2316,ppm, .50657,.00179,.35431, .50581, .50529, .50862
Pb2203,ppm, 1.9516,.01126,.57672, 1.9492, 1.9417, 1.9638
Sb2068,ppm, .49578,.00473,.95358, .50123, .49336, .49275
Se1960,ppm, 2.0840,.00623,.29872, 2.0901, 2.0843, 2.0777
Sn1899,ppm, -.00100,.00201,200.75, .00020, -.00332, -.00012
Sr4077,ppm, .32945,.00047,.14195, .32899, .32993, .32943
Ti3349,ppm, .00071,.00096,134.60, .00027, .00181, .00006
Tl1908,ppm, 1.9648,.00611,.31119, 1.9589, 1.9645, 1.9711
V_2924,ppm, .49444,.00218,.44077, .49383, .49685, .49262
Zn2138,ppm, 1.7641,.00539,.30536, 1.7598, 1.7624, 1.7702

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 800.90,1.4721,.18381,801.53,801.95,799.21
Y_2243,Cts/S, 4466.2,12.236,.27396,4474.3,4472.2,4452.2
Y_3710,Cts/S, 85528.,217.15,.25389,85282.,85612.,85691.
Y_3710-2,Cts/S, 9108.7,36.998,.40618,9114.3,9069.2,9142.6

[Sample Header]
Method=icapns(v488)
SampleName=T59199-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 3:52:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00046,.00023,49.471, .00067, .00022, .00048
Al3961,ppm, 2.1172,.01871,.88370, 2.0956, 2.1271, 2.1289
As1890,ppm, .01419,.00162,11.423, .01425, .01254, .01578
B_2089,ppm, .03862,.00024,.61182, .03842, .03855, .03888
Ba4554,ppm, .01802,.00009,.48814, .01800, .01811, .01794
Be3130,ppm, .00015,.00001,4.9837, .00015, .00016, .00014
Ca3179,ppm, 39.676,.12570,.31681, 39.531, 39.741, 39.756
Cd2288,ppm, .00246,.00011,4.4639, .00253, .00252, .00234
Co2286,ppm, .17112,.00073,.42528, .17150, .17028, .17157
Cr2677,ppm, .02496,.00020,.80217, .02476, .02497, .02516
Cu3247,ppm, .48166,.00219,.45571, .47948, .48164, .48387
Fe2599,ppm, 11.402,.05914,.51872, 11.334, 11.430, 11.441
K_7664,ppm, .34169,.01909,13.475, .15523, .11985, .14999
Li6707,ppm, .05418,.00171,3.1570, .05262, .05601, .05392
Mg2790,ppm, 3.6152,.03052,.84410, 3.5808, 3.6262, 3.6388
Mn2576,ppm, 2.6423,.01099,.41576, 2.6308, 2.6433, 2.6527
Mo2020,ppm, .00023,.00006,27.198, .00016, .00028, .00025
Na5895,ppm, 251.84,3.5729,1.4187, 247.88, 254.82, 252.83
Ni2316,ppm, 4.8839,.02091,.42810, 4.8719, 4.8718, 4.9081
Pb2203,ppm, .00176,.00094,53.295, .00242, .00218, .00069
Sb2068,ppm, -.00439,.00175,39.960, -.00449, -.00609, -.00259
Se1960,ppm, .01577,.00049,3.0918, .01541, .01557, .01632
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Sn1899,ppm, -.00056,.00062,111.55, -.00127, -.00031, -.00010
Sr4077,ppm, .19482,.00114,.58342, .19351, .19539, .19556
Ti3349,ppm, -.00001,.00021,1468.8, -.00025, .00013, .00008
Tl1908,ppm, .00479,.00061,12.712, .00502, .00410, .00525
V_2924,ppm, -.00019,.00026,132.73, .00007, -.00020, -.00045
Zn2138,ppm, 5.3941,.01548,.28692, 5.3873, 5.3833, 5.4119

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 795.35,1.6170,.20331,795.73,796.74,793.57
Y_2243,Cts/S, 4412.8,4.0875,.09263,4408.6,4416.8,4413.0
Y_3710,Cts/S, 84646.,321.93,.38033,84913.,84738.,84289.
Y_3710-2,Cts/S, 9051.1,52.780,.58313,9111.1,9030.9,9011.5

[Sample Header]
Method=icapns(v488)
SampleName=T59308-3
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 3:57:48
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00058,.00033,57.249, .00077, .00078, .00020
Al3961,ppm, .05414,.00504,9.3141, .05232, .05025, .05984
As1890,ppm, -.00157,.00104,66.288, -.00076, -.00121, -.00273
B_2089,ppm, .03725,.00030,.81283, .03737, .03748, .03691
Ba4554,ppm, .01844,.00022,1.2105, .01830, .01870, .01833
Be3130,ppm, -.00001,.00001,165.25, .00000, -.00002, .00000
Ca3179,ppm, 4.6083,.00874,.18964, 4.6151, 4.5984, 4.6112
Cd2288,ppm, .00058,.00001,1.2273, .00057, .00059, .00059
Co2286,ppm, .00010,.00019,196.04, .00023, -.00012, .00018
Cr2677,ppm, .00062,.00016,25.714, .00075, .00044, .00065
Cu3247,ppm, .00321,.00011,3.2924, .00311, .00320, .00332
Fe2599,ppm, .01155,.00055,4.7935, .01193, .01091, .01180
K_7664,ppm, .70518,.01432,2.0304, .72157, .69514, .69882
Li6707,ppm, .00089,.00025,28.000, .00085, .00067, .00116
Mg2790,ppm, 1.0960,.00708,.64614, 1.0917, 1.1042, 1.0921
Mn2576,ppm, .07760,.00029,.37199, .07785, .07767, .07729
Mo2020,ppm, -.00006,.00007,106.64, -.00009, -.00012, .00001
Na5895,ppm, 264.45,1.8137,.68585, 263.91, 266.47, 262.96
Ni2316,ppm, .00116,.00008,6.8950, .00125, .00114, .00110
Pb2203,ppm, -.00019,.00050,261.83, -.00076, .00016, .00003
Sb2068,ppm, .00094,.00128,136.19, .00005, .00036, .00242
Se1960,ppm, .00177,.00066,37.504, .00251, .00157, .00123
Sn1899,ppm, -.00069,.00012,16.911, -.00057, -.00080, -.00068
Sr4077,ppm, .01128,.00008,.72975, .01135, .01119, .01131
Ti3349,ppm, .00005,.00019,352.51, .00010, -.00015, .00021
Tl1908,ppm, -.00053,.00055,104.99, -.00032, -.00115, -.00010
V_2924,ppm, .00026,.00032,125.49, .00043, -.00012, .00045
Zn2138,ppm, .87837,.00168,.19121, .87852, .87662, .87997

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 805.65,2.1979,.27281,804.91,808.12,803.92
Y_2243,Cts/S, 4435.9,7.8713,.17745,4438.6,4442.0,4427.0
Y_3710,Cts/S, 85303.,213.92,.25078,85057.,85404.,85447.
Y_3710-2,Cts/S, 9124.8,26.597,.29149,9099.3,9152.4,9122.6
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Zoom In
Zoom Out

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[Sample Header]
Method=icapns(v488)
SampleName=CCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 4:03:33
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22842,.00107,.46693, .22728, .22857, .22940,Chk Pass,,
Al3961,ppm, 36.208,.03196,.08827, 36.240, 36.176, 36.208,Chk Pass,,
As1890,ppm, 2.0320,.00988,.48613, 2.0253, 2.0274, 2.0433,Chk Pass,,
B_2089,ppm, 2.0195,.01232,.61024, 2.0079, 2.0181, 2.0325,Chk Pass,,
Ba4554,ppm, 1.9261,.00195,.10121, 1.9249, 1.9249, 1.9283,Chk Pass,,
Be3130,ppm, 2.0871,.00696,.33354, 2.0932, 2.0795, 2.0886,Chk Pass,,
Ca3179,ppm, 39.222,.04843,.12347, 39.255, 39.167, 39.246,Chk Pass,,
Cd2288,ppm, 1.9931,.01043,.52351, 1.9830, 1.9925, 2.0038,Chk Pass,,
Co2286,ppm, 1.9967,.00961,.48116, 1.9888, 1.9939, 2.0074,Chk Pass,,
Cr2677,ppm, 2.0785,.00405,.19470, 2.0804, 2.0739, 2.0813,Chk Pass,,
Cu3247,ppm, 1.8403,.00210,.11397, 1.8381, 1.8403, 1.8423,Chk Pass,,
Fe2599,ppm, 37.282,.05381,.14434, 37.309, 37.220, 37.316,Chk Pass,,
K_7664,ppm, 36.914,.02853,.07728, 36.940, 36.884, 36.920,Chk Pass,,
Li6707,ppm, 1.8726,.00335,.17897, 1.8748, 1.8687, 1.8742,Chk Pass,,
Mg2790,ppm, 38.879,.08061,.20735, 38.937, 38.787, 38.912,Chk Pass,,
Mn2576,ppm, 1.9329,.00177,.09158, 1.9308, 1.9338, 1.9340,Chk Pass,,
Mo2020,ppm, 1.9477,.01092,.56048, 1.9387, 1.9447, 1.9599,Chk Pass,,
Na5895,ppm, 38.049,.05437,.14288, 38.086, 37.986, 38.074,Chk Pass,,
Ni2316,ppm, 2.0202,.00797,.39433, 2.0138, 2.0176, 2.0291,Chk Pass,,
Pb2203,ppm, 2.0000,.00960,.47984, 1.9942, 1.9947, 2.0111,Chk Pass,,
Sb2068,ppm, 1.9830,.01081,.54507, 1.9723, 1.9827, 1.9939,Chk Pass,,
Se1960,ppm, 2.0347,.00556,.27312, 2.0330, 2.0301, 2.0409,Chk Pass,,
Sn1899,ppm, 2.0298,.01341,.66052, 2.0181, 2.0267, 2.0444,Chk Pass,,
Sr4077,ppm, 1.8344,.00253,.13790, 1.8362, 1.8315, 1.8356,Chk Pass,,
Ti3349,ppm, 1.9355,.00154,.07980, 1.9359, 1.9339, 1.9369,Chk Pass,,
Tl1908,ppm, 2.0224,.01099,.54327, 2.0154, 2.0167, 2.0351,Chk Pass,,
V_2924,ppm, 1.9268,.00215,.11169, 1.9293, 1.9252,Chk Pass,,
Zn2138,ppm, 2.0237,.00999,.49342, 2.0145, 2.0222, 2.0343,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.02,2.0153,.25640,787.64,786.65,783.76
Y_2243,Cts/S, 4462.4,14.577,.32667,4476.7,4462.8,4447.6
Y_3710,Cts/S, 86413.,103.50,.11977,86307.,86417.,86514.
Y_3710-2,Cts/S, 9085.8,21.003,.23117,9108.5,9067.0,9081.8

[Sample Header]
Method=icapns(v488)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 4:09:03
Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00098,.00029,29.436, .00075, .00130, .00088,Chk Pass,,
Al3961,ppm, .00725,.00380,52.437, .01164, .00513, .00498,Chk Pass,,
As1890,ppm, -.00015,.00026,174.36, -.00026, -.00015, -.00034,Chk Pass,,
B_2089,ppm, .00192,.00016,8.3274, .00188, .00209, .00178,Chk Pass,,
Ba4554,ppm, -.00019,.00005,24.510, -.00016, -.00017, -.00024,Chk Pass,,
Be3130,ppm, .00002,.00001,31.350, .00002, .00002, .00003,Chk Pass,,
Ca3179,ppm, .00253,.00292,115.71, .00564, -.00016, .00210,Chk Pass,,
Cd2288,ppm, .00021,.00003,13.297, .00022, .00018, .00023,Chk Pass,,
Co2286,ppm, .00004,.00008,193.96, .00002, -.00003, .00014,Chk Pass,,
Cr2677,ppm, .00017,.00019,107.88, .00018, .00036, -.00002,Chk Pass,,
Cu3247,ppm, .00160,.00010,6.0049, .00150, .00169, .00161,Chk Pass,,
Fe2599,ppm, -.00014,.00167,1187.6, -.00204, .00051, .00110,Chk Pass,,
K_7664,ppm, .00539,.01727,320.15, -.01388, .01061, .01946,Chk Pass,,
Li6707,ppm, .00019,.00043,230.68, -.00005, -.00008, .00068,Chk Pass,,
Mg2790,ppm, .00522,.00709,135.72, -.00226, .00608, .01183,Chk Pass,,
Mn2576,ppm, .00003,.00003,95.063, .00002, .00006, .00001,Chk Pass,,
Mo2020,ppm, .00029,.00003,10.073, .00027, .00028, .00032,Chk Pass,,
Na5895,ppm, .24842,.00421,1.6947, .24420, .24844, .25262,Chk Pass,,
Ni2316,ppm, .00002,.00024,990.07, .00014, .00019, -.00025,Chk Pass,,
Pb2203,ppm, -.00057,.00034,59.067, -.00048, -.00029, -.00095,Chk Pass,,
Sb2068,ppm, .00112,.00037,33.617, .00144, .00120, .00070,Chk Pass,,
Se1960,ppm, -.00007,.00158,2394.3, .00164, -.00037, -.00148,Chk Pass,,
Sn1899,ppm, -.00005,.00016,302.42, -.00003, -.00022, .00009,Chk Pass,,
Sr4077,ppm, .00011,.00006,55.531, .00004, .00016, .00012,Chk Pass,,
Ti3349,ppm, -.00005,.00047,945.29, -.00035, .00049, -.00029,Chk Pass,,
Tl1908,ppm, .00040,.00037,90.916, .00049, .00000, .00072,Chk Pass,,
V_2924,ppm, -.00003,.00029,915.10, -.00016, .00030, -.00023,Chk Pass,,
Zn2138,ppm, -.00002,.00001,58.874, -.00002, -.00001, -.00003,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 890.86,4.3571,.48908,892.83,893.88,885.87
Y_2243,Cts/S, 4654.6,13.735,.29509,4657.2,4666.8,4639.7
Y_3710,Cts/S, 90526.,355.70,.39293,90935.,90289.,90353.
Y_3710-2,Cts/S, 9197.2,31.109,.33824,9223.5,9162.8,9205.2

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Custom ID3=
Run Time=9/7/2010 4:14:45
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Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00250,.00185,74.043, .00393, .00315, .00041
Al3961,ppm, .06537,.02778,42.492, .03640, .09178, .06793
As1890,ppm, -.00063,.00458,722.41, .00457, -.00402, -.00245
B_2089,ppm, .09896,.00248,2.5048, .10182, .09745, .09761
Ba4554,ppm, .01713,.00056,3.2761, .01724, .01762, .01652
Be3130,ppm, -.00006,.00003,50.088, -.00005, -.00003, -.00009
Ca3179,ppm, .78681,.00684,.86943, .77960, .79320, .78764
Cd2288,ppm, .01396,.00042,3.0003, .01395, .01355, .01438
Co2286,ppm, .00002,.00043,2007.1, -.00013, .00050, -.00031
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Cr2677,ppm, .00196,.00053,26.866, .00228, .00135, .00224
Cu3247,ppm, .01148,.00106,9.2715, .01266, .01058, .01121
Fe2599,ppm, -.00759,.00842,110.90, -.00053, -.00534, -.01692
K_7664,ppm, .34941,.12733,36.442, .40120, .44268, .20434
Li6707,ppm, .00877,.00295,33.589, .00817, .01197, .00617
Mg2790,ppm, .10193,.03419,33.547, .12748, .06308, .11522
Mn2576,ppm, .00082,.00018,22.610, .00088, .00096, .00061
Mo2020,ppm, -.00015,.00060,410.39, -.00031, -.00065, .00051
Na5895,ppm, 1227.5,13.050,1.0631, 1242.5, 1218.7, 1221.3
Ni2316,ppm, .00048,.00188,394.07, .00093, -.00159, .00209
Pb2203,ppm, -.00447,.00468,104.73, -.00988, -.00198, -.00156
Sb2068,ppm, .00471,.00660,139.99, -.00215, .00529, .01101
Se1960,ppm, .00134,.00925,691.68, .00041, .01101, -.00741
Sn1899,ppm, .00089,.00100,111.62, .00202, .00011, .00055
Sr4077,ppm, .00256,.00013,5.2130, .00243, .00255, .00270
Ti3349,ppm, -.00145,.00124,85.501, -.00002, -.00224, -.00208
Tl1908,ppm, .00008,.00334,4392.9, .00104, -.00364, .00282
V_2924,ppm, .00082,.00159,193.01, .00112, -.00089, .00225
Zn2138,ppm, .09050,.00057,.62574, .09053, .08992, .09105

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 800.12,3.9223,.49022,802.55,802.22,795.60
Y_2243,Cts/S, 4418.0,10.503,.23774,4416.5,4429.3,4408.4
Y_3710,Cts/S, 84649.,311.37,.36784,84978.,84359.,84609.
Y_3710-2,Cts/S, 9034.2,36.560,.40469,9015.9,9076.3,9010.5

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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .03748,.00180,4.7932, .03735, .03934, .03576
Al3961,ppm, 44.430,.12684,.28547, 44.571, 44.325, 44.394
As1890,ppm, 2.0352,.00791,.38888, 2.0308, 2.0306, 2.0444
B_2089,ppm, .11648,.00220,1.8862, .11740, .11397, .11807
Ba4554,ppm, 4.7930,.01392,.29048, 4.7982, 4.7773, 4.8036
Be3130,ppm, .05215,.00010,.19810, .05218, .05223, .05203
Ca3179,ppm, 1.2858,.00642,.49932, 1.2913, 1.2788, 1.2873
Cd2288,ppm, .08826,.00067,.75428, .08852, .08751, .08876
Co2286,ppm, .48284,.00199,.41273, .48259, .48098, .48495
Cr2677,ppm, .21036,.00241,1.1453, .20765, .21225, .21119
Cu3247,ppm, .23691,.00106,.44902, .23807, .23666, .23599
Fe2599,ppm, .00526,.00528,100.20, .01021, -.00029, .00587
K_7664,ppm, .43677,.07107,16.271, .47837, .47722, .35471
Li6707,ppm, .00579,.00489,84.438, .00891, .00831, .00016
Mg2790,ppm, .07702,.07641,99.199, .06040, .16037, .01030
Mn2576,ppm, .47635,.00124,.26061, .47618, .47766, .47520
Mo2020,ppm, .37845,.00296,.78280, .37694, .37656, .38187
Na5895,ppm, 1197.2,5.1843,.43305, 1191.7, 1202.0, 1197.8
Ni2316,ppm, .47983,.00200,.41709, .48214, .47878, .47858
Pb2203,ppm, 1.8784,.01195,.63601, 1.8805, 1.8655, 1.8891
Sb2068,ppm, .48941,.00346,.70735, .48923, .48603, .49295
Se1960,ppm, 2.0146,.02854,1.4168, 2.0015, 1.9950, 2.0474
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Sn1899,ppm, .00159,.00069,43.710, .00098, .00234, .00143
Sr4077,ppm, .00291,.00012,4.1661, .00289, .00303, .00279
Ti3349,ppm, -.00067,.00146,217.79, .00044, -.00232, -.00013
Tl1908,ppm, 1.8946,.00833,.43962, 1.8979, 1.8851, 1.9007
V_2924,ppm, .47424,.00104,.21986, .47311, .47517, .47444
Zn2138,ppm, .60761,.00153,.25131, .60757, .60610, .60915

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 807.36,3.2231,.39921,807.29,810.61,804.17
Y_2243,Cts/S, 4491.5,19.869,.44237,4503.9,4501.9,4468.5
Y_3710,Cts/S, 86693.,431.32,.49752,86892.,86198.,86989.
Y_3710-2,Cts/S, 9195.9,35.864,.39000,9166.5,9235.8,9185.3

[Sample Header]
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Run Time=9/7/2010 4:26:14
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00069,.00260,378.52, .00141, .00286, -.00220
Al3961,ppm, .11958,.00881,7.3652, .11353, .12968, .11552
As1890,ppm, .01272,.00386,30.360, .00846, .01369, .01600
B_2089,ppm, .16241,.00312,1.9233, .16365, .15886, .16472
Ba4554,ppm, .05281,.00091,1.7307, .05356, .05179, .05307
Be3130,ppm, -.00003,.00005,140.94, -.00001, .00000, -.00009
Ca3179,ppm, 118.94,.06990,.05877, 119.00, 118.86, 118.94
Cd2288,ppm, .00278,.00075,26.900, .00324, .00318, .00192
Co2286,ppm, .04048,.00070,1.7248, .04049, .04117, .03977
Cr2677,ppm, .00737,.00092,12.465, .00681, .00688, .00843
Cu3247,ppm, .01363,.00250,18.367, .01076, .01482, .01533
Fe2599,ppm, 16.765,.03271,.19511, 16.732, 16.765, 16.798
K_7664,ppm, 6.7528,.13592,2.0128, 6.7481, 6.6193, 6.8910
Li6707,ppm, .01286,.00106,8.2346, .01336, .01359, .01165
Mg2790,ppm, 3.7704,.02539,.67332, 3.7978, 3.7656, 3.7477
Mn2576,ppm, 1.2192,.00219,.17925, 1.2215, 1.2190, 1.2172
Mo2020,ppm, .01413,.00100,7.1107, .01337, .01527, .01375
Na5895,ppm, 1224.1,13.337,1.0895, 1239.5, 1215.7, 1217.2
Ni2316,ppm, .13100,.00072,.55079, .13025, .13105, .13169
Pb2203,ppm, .00179,.00240,133.93, .00179, -.00061, .00418
Sb2068,ppm, .01063,.00744,70.043, .00437, .01886, .00865
Se1960,ppm, .00992,.00634,63.928, .00261, .01397, .01319
Sn1899,ppm, -.00145,.00206,141.82, -.00129, .00052, -.00359
Sr4077,ppm, .41758,.00024,.05669, .41783, .41754, .41736
Ti3349,ppm, -.00043,.00049,114.03, -.00091, -.00044, .00006
Tl1908,ppm, -.00035,.00287,822.72, .00206, .00042, -.00353
V_2924,ppm, .00078,.00099,126.12, .00144, -.00035, .00126
Zn2138,ppm, 1.1575,.00474,.40937, 1.1548, 1.1548, 1.1630

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 793.68,1.7597,.22172,791.94,795.45,793.66
Y_2243,Cts/S, 4395.4,8.0013,.18204,4396.1,4403.1,4387.2
Y_3710,Cts/S, 83794.,140.14,.16724,83645.,83811.,83924.
Y_3710-2,Cts/S, 8870.6,3.9227,.04422,8869.4,8874.9,8867.4
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[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00212,.00060,28.178, .00144, .00239, .00255
Al3961,ppm, .10512,.04398,41.833, .06339, .10094, .15104
As1890,ppm, .01821,.00936,51.416, .00991, .02835, .01636
B_2089,ppm, .15721,.00172,1.0910, .15843, .15525, .15796
Ba4554,ppm, .05216,.00045,.85356, .05206, .05177, .05264
Be3130,ppm, -.00001,.00001,102.80, -.00001, -.00003, .00000
Ca3179,ppm, 112.46,.29619,.26338, 112.14, 112.50, 112.73
Cd2288,ppm, .00256,.00077,30.213, .00267, .00173, .00326
Co2286,ppm, .03967,.00119,3.0034, .04102, .03875, .03924
Cr2677,ppm, .00586,.00057,9.7818, .00614, .00625, .00520
Cu3247,ppm, .01443,.00073,5.0280, .01493, .01360, .01477
Fe2599,ppm, 15.628,.04672,.29892, 15.607, 15.596, 15.682
K_7664,ppm, 6.3112,.16105,2.5519, 6.3183, 6.4685, 6.1466
Li6707,ppm, .01665,.00333,19.976, .01785, .01921, .01289
Mg2790,ppm, 3.5757,.07420,2.0753, 3.4902, 3.6233, 3.6135
Mn2576,ppm, 1.1446,.00416,.36372, 1.1493, 1.1431, 1.1413
Mo2020,ppm, .01388,.00045,3.2694, .01425, .01400, .01337
Na5895,ppm, 1136.4,6.3643,.56004, 1139.6, 1140.5, 1129.1
Ni2316,ppm, .12704,.00111,.87567, .12658, .12831, .12623
Pb2203,ppm, -.00159,.00199,125.39, -.00355, .00044, -.00166
Sb2068,ppm, .01150,.00041,3.5901, .01174, .01103, .01175
Se1960,ppm, .00402,.00925,230.19, .01202, .00613, -.00610
Sn1899,ppm, -.00020,.00116,578.88, -.00010, .00091, -.00141
Sr4077,ppm, .38800,.00127,.32728, .38716, .38737, .38946
Ti3349,ppm, .00094,.00101,107.50, .00059, .00015, .00207
Tl1908,ppm, -.00097,.00402,413.36, .00030, -.00548, .00226
V_2924,ppm, .00032,.00155,476.89, .00075, -.00139, .00161
Zn2138,ppm, 1.1093,.00180,.16200, 1.1101, 1.1072, 1.1105

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 802.95,4.4143,.54976,802.49,807.57,798.78
Y_2243,Cts/S, 4444.1,17.110,.38500,4441.3,4462.5,4428.6
Y_3710,Cts/S, 86515.,324.46,.37504,86203.,86851.,86493.
Y_3710-2,Cts/S, 9179.6,7.6586,.08343,9177.3,9188.2,9173.4

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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=25.00
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .01184,.00216,18.228, .00941, .01352, .01259
Al3961,ppm, .18475,.05257,28.455, .15584, .15298, .24543
As1890,ppm, -.01245,.01401,112.61, -.02847, -.00247, -.00640
B_2089,ppm, .13267,.00790,5.9530, .12998, .14156, .12647
Ba4554,ppm, .04773,.00305,6.3917, .05123, .04627, .04567
Be3130,ppm, -.00039,.00008,20.189, -.00042, -.00044, -.00030
Ca3179,ppm, 114.29,.35775,.31301, 113.88, 114.48, 114.52
Cd2288,ppm, .00474,.00567,119.54, .01041, .00473, -.00092
Co2286,ppm, .04151,.00097,2.3465, .04241, .04164, .04048
Cr2677,ppm, .01175,.00669,56.900, .00659, .01931, .00937
Cu3247,ppm, .03764,.00511,13.568, .04228, .03217, .03848
Fe2599,ppm, 15.918,.08389,.52699, 15.824, 15.986, 15.944
K_7664,ppm, 6.1024,.63364,10.383, 5.6727, 6.8301, 5.8045
Li6707,ppm, .01622,.01956,120.53, .03571, -.00339, .01635
Mg2790,ppm, 3.3490,.16129,4.8161, 3.4847, 3.3917, 3.1707
Mn2576,ppm, 1.1916,.00801,.67241, 1.1823, 1.1963, 1.1961
Mo2020,ppm, .01329,.00481,36.202, .01792, .00831, .01364
Na5895,ppm, 1202.7,3.4743,.28887, 1199.4, 1202.4, 1206.3
Ni2316,ppm, .12241,.00377,3.0824, .11813, .12383, .12526
Pb2203,ppm, .00370,.01142,308.66, -.00857, .01402, .00566
Sb2068,ppm, .02401,.02438,101.53, -.00413, .03867, .03750
Se1960,ppm, .04349,.02425,55.755, .05136, .01629, .06283
Sn1899,ppm, -.00823,.00793,96.372, -.00491, -.00249, -.01727
Sr4077,ppm, .39791,.00386,.96943, .39346, .40020, .40008
Ti3349,ppm, .00261,.00391,149.93, .00420, -.00185, .00546
Tl1908,ppm, .00189,.00954,505.65, -.00239, -.00477, .01282
V_2924,ppm, .01032,.00432,41.887, .00618, .00998, .01480
Zn2138,ppm, 1.1471,.00625,.54529, 1.1478, 1.1405, 1.1530

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 843.60,2.1689,.25710,845.93,843.23,841.65
Y_2243,Cts/S, 4520.9,13.844,.30623,4520.2,4535.1,4507.4
Y_3710,Cts/S, 87057.,301.36,.34617,87152.,87299.,86719.
Y_3710-2,Cts/S, 9018.7,34.559,.38320,9045.2,9031.3,8979.6

[Sample Header]
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Run Time=9/7/2010 4:43:21
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .03997,.00245,6.1200, .04051, .03729, .04209
Al3961,ppm, 45.079,.21605,.47926, 45.207, 45.200, 44.829
As1890,ppm, 2.0582,.00760,.36912, 2.0612, 2.0638, 2.0495
B_2089,ppm, .17512,.00055,.31585, .17575, .17482, .17477
Ba4554,ppm, 4.8936,.00729,.14894, 4.8919, 4.9016, 4.8873
Be3130,ppm, .05272,.00012,.22067, .05272, .05261, .05284
Ca3179,ppm, 115.10,.34797,.30231, 115.27, 115.34, 114.70
Cd2288,ppm, .07867,.00018,.22431, .07848, .07882, .07872
Co2286,ppm, .52473,.00127,.24185, .52372, .52433, .52616
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Cr2677,ppm, .21582,.00114,.52640, .21638, .21451, .21657
Cu3247,ppm, .24066,.00070,.28899, .24138, .24061, .23999
Fe2599,ppm, 15.895,.06326,.39801, 15.951, 15.909, 15.826
K_7664,ppm, 6.3885,.18022,2.8210, 6.5790, 6.3658, 6.2207
Li6707,ppm, .01565,.00704,45.018, .00943, .02330, .01422
Mg2790,ppm, 3.6685,.03084,.84067, 3.6927, 3.6789, 3.6337
Mn2576,ppm, 1.6368,.00185,.11329, 1.6366, 1.6351, 1.6388
Mo2020,ppm, .39536,.00136,.34479, .39525, .39406, .39678
Na5895,ppm, 1165.1,8.1458,.69912, 1166.8, 1156.3, 1172.4
Ni2316,ppm, .61396,.00202,.32909, .61320, .61243, .61625
Pb2203,ppm, 1.8987,.00941,.49555, 1.9027, 1.8879, 1.9054
Sb2068,ppm, .49851,.00402,.80674, .49400, .49983, .50171
Se1960,ppm, 2.0255,.01187,.58616, 2.0361, 2.0126, 2.0278
Sn1899,ppm, -.00261,.00230,87.852, .00003, -.00407, -.00381
Sr4077,ppm, .39631,.00182,.45811, .39637, .39810, .39447
Ti3349,ppm, .00185,.00142,76.759, .00342, .00067, .00145
Tl1908,ppm, 1.9204,.00315,.16414, 1.9174, 1.9200, 1.9237
V_2924,ppm, .48243,.00257,.53235, .47948, .48369, .48413
Zn2138,ppm, 1.6411,.00523,.31840, 1.6377, 1.6384, 1.6471

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 803.32,3.3507,.41711,806.58,803.49,799.89
Y_2243,Cts/S, 4477.2,24.227,.54111,4495.6,4486.3,4449.8
Y_3710,Cts/S, 86595.,159.25,.18390,86761.,86579.,86444.
Y_3710-2,Cts/S, 9185.9,74.596,.81207,9147.4,9138.4,9271.9

[Sample Header]
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SampleName=MP12739-S2
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .04176,.00150,3.6000, .04005, .04239, .04285
Al3961,ppm, 48.631,.31090,.63931, 48.301, 48.674, 48.918
As1890,ppm, 2.1752,.01807,.83085, 2.1612, 2.1688, 2.1956
B_2089,ppm, .18263,.00267,1.4623, .18465, .17960, .18364
Ba4554,ppm, 5.0118,.00673,.13436, 5.0085, 5.0196, 5.0073
Be3130,ppm, .05555,.00019,.34470, .05536, .05574, .05554
Ca3179,ppm, 120.40,.35191,.29229, 120.00, 120.67, 120.52
Cd2288,ppm, .08260,.00143,1.7283, .08223, .08418, .08140
Co2286,ppm, .55421,.00126,.22646, .55299, .55550, .55414
Cr2677,ppm, .22712,.00193,.85106, .22538, .22920, .22678
Cu3247,ppm, .26124,.00024,.09312, .26101, .26122, .26150
Fe2599,ppm, 16.767,.06483,.38664, 16.704, 16.764, 16.834
K_7664,ppm, 6.7526,.14496,2.1467, 6.6325, 6.9136, 6.7118
Li6707,ppm, .01250,.00437,34.975, .01549, .00748, .01451
Mg2790,ppm, 3.7983,.06864,1.8072, 3.7410, 3.8744, 3.7795
Mn2576,ppm, 1.7506,.00531,.30344, 1.7447, 1.7521, 1.7551
Mo2020,ppm, .41916,.00252,.60026, .42128, .41638, .41981
Na5895,ppm, 1229.2,17.311,1.4084, 1221.7, 1216.8, 1248.9
Ni2316,ppm, .64784,.00330,.50978, .64710, .64498, .65146
Pb2203,ppm, 2.0232,.01552,.76709, 2.0214, 2.0086, 2.0395
Sb2068,ppm, .52776,.00426,.80766, .53048, .52285, .52996
Se1960,ppm, 2.1444,.01478,.68922, 2.1319, 2.1405, 2.1607
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Sn1899,ppm, -.00032,.00130,405.16, .00015, .00068, -.00180
Sr4077,ppm, .42009,.00191,.45367, .41810, .42190, .42026
Ti3349,ppm, .00187,.00037,19.941, .00206, .00212, .00144
Tl1908,ppm, 2.0382,.01255,.61585, 2.0449, 2.0238, 2.0460
V_2924,ppm, .51467,.00123,.23917, .51584, .51338, .51479
Zn2138,ppm, 1.7158,.00448,.26124, 1.7146, 1.7121, 1.7208

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 787.00,3.9973,.50792,789.67,788.92,782.40
Y_2243,Cts/S, 4432.4,15.551,.35084,4444.0,4438.5,4414.7
Y_3710,Cts/S, 84195.,564.58,.67056,84830.,84007.,83749.
Y_3710-2,Cts/S, 8940.4,29.844,.33381,8971.2,8938.4,8911.7

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 4:54:38
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00377,.00068,18.047, .00362, .00451, .00317
Al3961,ppm, .21392,.02395,11.195, .21024, .19203, .23950
As1890,ppm, -.00104,.00529,508.14, -.00431, -.00386, .00506
B_2089,ppm, .14423,.00315,2.1814, .14445, .14097, .14725
Ba4554,ppm, .82884,.00096,.11524, .82915, .82777, .82960
Be3130,ppm, -.00016,.00001,7.9479, -.00017, -.00016, -.00014
Ca3179,ppm, 622.33,.39894,.06410, 622.69, 621.90, 622.39
Cd2288,ppm, .00163,.00022,13.617, .00152, .00189, .00149
Co2286,ppm, -.00141,.00101,71.523, -.00224, -.00171, -.00029
Cr2677,ppm, .00709,.00049,6.9411, .00746, .00728, .00653
Cu3247,ppm, .01586,.00119,7.5127, .01720, .01494, .01542
Fe2599,ppm, .02270,.01164,51.272, .02451, .03334, .01027
K_7664,ppm, 1.8048,.10593,5.8695, 1.7511, 1.9268, 1.7364
Li6707,ppm, .01931,.00449,23.224, .01462, .02356, .01977
Mg2790,ppm, 21.582,.11090,.51388, 21.633, 21.454, 21.658
Mn2576,ppm, .51518,.00132,.25669, .51401, .51490, .51662
Mo2020,ppm, .00344,.00027,7.9881, .00362, .00357, .00312
Na5895,ppm, 1136.0,2.7274,.24009, 1135.0, 1139.1, 1133.9
Ni2316,ppm, .00178,.00095,53.203, .00211, .00252, .00071
Pb2203,ppm, -.00246,.00408,165.95, .00012, -.00033, -.00715
Sb2068,ppm, -.00680,.00543,79.810, -.00054, -.01008, -.00980
Se1960,ppm, .01018,.00415,40.760, .01115, .01376, .00563
Sn1899,ppm, -.00191,.00051,26.527, -.00149, -.00177, -.00248
Sr4077,ppm, .60987,.00201,.32957, .61218, .60891, .60852
Ti3349,ppm, .00599,.00144,24.012, .00661, .00701, .00434
Tl1908,ppm, .00007,.00089,1267.1, -.00051, .00109, -.00037
V_2924,ppm, .00536,.00188,35.031, .00395, .00464, .00749
Zn2138,ppm, .06486,.00041,.63048, .06479, .06449, .06530

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.63,2.7827,.35375,789.78,785.61,784.50
Y_2243,Cts/S, 4374.9,15.641,.35752,4388.7,4378.0,4357.9
Y_3710,Cts/S, 85013.,143.53,.16883,84965.,84899.,85174.
Y_3710-2,Cts/S, 9126.5,13.689,.15000,9135.6,9110.7,9133.0
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CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00045,.00079,176.11, -.00012, .00136, .00011
Al3961,ppm, .07182,.04880,67.943, .01900, .11521, .08125
As1890,ppm, -.00305,.00233,76.250, -.00145, -.00572, -.00198
B_2089,ppm, .14021,.00161,1.1475, .14187, .14011, .13866
Ba4554,ppm, .96714,.00133,.13777, .96867, .96625, .96650
Be3130,ppm, -.00010,.00001,11.275, -.00010, -.00009, -.00012
Ca3179,ppm, 600.35,.93148,.15516, 599.82, 599.82, 601.43
Cd2288,ppm, .00138,.00039,28.425, .00139, .00098, .00176
Co2286,ppm, -.00120,.00190,158.54, -.00248, .00099, -.00210
Cr2677,ppm, .00355,.00104,29.266, .00386, .00440, .00239
Cu3247,ppm, .01213,.00055,4.5525, .01166, .01198, .01274
Fe2599,ppm, .00725,.00150,20.673, .00553, .00790, .00830
K_7664,ppm, 2.1432,.12935,6.0357, 2.2669, 2.0089, 2.1537
Li6707,ppm, .01494,.00546,36.558, .02105, .01053, .01323
Mg2790,ppm, 19.818,.07225,.36457, 19.791, 19.763, 19.900
Mn2576,ppm, 1.9585,.00978,.49950, 1.9639, 1.9645, 1.9473
Mo2020,ppm, .00622,.00114,18.391, .00491, .00677, .00699
Na5895,ppm, 1226.4,14.944,1.2185, 1211.6, 1226.1, 1241.5
Ni2316,ppm, .00286,.00088,30.760, .00362, .00305, .00189
Pb2203,ppm, -.00109,.00529,483.57, .00274, .00111, -.00713
Sb2068,ppm, -.00624,.00353,56.576, -.01031, -.00440, -.00401
Se1960,ppm, .00958,.00301,31.413, .01056, .01197, .00620
Sn1899,ppm, -.00238,.00129,53.984, -.00308, -.00090, -.00317
Sr4077,ppm, .91833,.00347,.37745, .91667, .91600, .92231
Ti3349,ppm, .00463,.00075,16.193, .00542, .00453, .00393
Tl1908,ppm, .00456,.00199,43.705, .00251, .00650, .00468
V_2924,ppm, .00443,.00139,31.449, .00588, .00429, .00311
Zn2138,ppm, .30439,.00137,.45123, .30376, .30346, .30597

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 776.14,.84483,.10885,775.48,775.86,777.09
Y_2243,Cts/S, 4340.0,4.9444,.11392,4337.3,4345.8,4337.1
Y_3710,Cts/S, 83397.,267.34,.32056,83240.,83245.,83706.
Y_3710-2,Cts/S, 8949.7,19.865,.22196,8934.8,8942.1,8972.3

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Run Time=9/7/2010 5:06:11
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00336,.00078,23.298, .00419, .00265, .00322
Al3961,ppm, .34361,.02054,5.9766, .34799, .32124, .36161
As1890,ppm, .00038,.00413,1072.9, -.00210, .00515, -.00190
B_2089,ppm, .08306,.00220,2.6469, .08347, .08069, .08503
Ba4554,ppm, .10224,.00109,1.0656, .10347, .10184, .10140
Be3130,ppm, .05938,.00022,.36504, .05961, .05918, .05935
Ca3179,ppm, 1125.7,14.070,1.2498, 1133.8, 1109.5, 1133.9
Cd2288,ppm, .00112,.00096,85.685, .00008, .00131, .00196
Co2286,ppm, .00164,.00045,27.675, .00171, .00205, .00115
Cr2677,ppm, .00223,.00091,40.678, .00189, .00325, .00154
Cu3247,ppm, .01575,.00124,7.8998, .01706, .01458, .01563
Fe2599,ppm, -.00506,.00770,152.27, -.01165, -.00693, .00341
K_7664,ppm, 2.5455,.13592,5.3397, 2.6385, 2.6086, 2.3895
Li6707,ppm, .03041,.00510,16.759, .03349, .02453, .03323
Mg2790,ppm, 7.5595,.05056,.66888, 7.5572, 7.6112, 7.5101
Mn2576,ppm, .95939,.00090,.09433, .95849, .96030, .95940
Mo2020,ppm, .00335,.00054,16.233, .00381, .00347, .00275
Na5895,ppm, 1174.5,14.967,1.2743, 1191.5, 1168.8, 1163.3
Ni2316,ppm, .01497,.00099,6.6120, .01389, .01582, .01521
Pb2203,ppm, -.00284,.00391,137.75, -.00046, -.00070, -.00735
Sb2068,ppm, -.00580,.00366,63.187, -.00981, -.00262, -.00498
Se1960,ppm, .00958,.00597,62.304, .00720, .00516, .01636
Sn1899,ppm, -.00388,.00105,27.080, -.00270, -.00423, -.00472
Sr4077,ppm, 1.6764,.00632,.37686, 1.6807, 1.6793, 1.6691
Ti3349,ppm, .00782,.00087,11.183, .00816, .00683, .00848
Tl1908,ppm, -.00198,.00178,89.739, -.00341, .00001, -.00254
V_2924,ppm, .00372,.00069,18.696, .00344, .00320, .00450
Zn2138,ppm, .52183,.00183,.35010, .52098, .52059, .52393

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 783.58,2.8123,.35890,784.71,785.66,780.38
Y_2243,Cts/S, 4371.4,10.449,.23902,4375.2,4379.5,4359.6
Y_3710,Cts/S, 85731.,96.299,.11233,85661.,85690.,85841.
Y_3710-2,Cts/S, 9171.1,24.949,.27204,9161.1,9152.8,9199.6

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .23090,.00028,.12194, .23077, .23072, .23123,Chk Pass,,
Al3961,ppm, 36.503, .13652,.37400, 36.354, 36.621, 36.534,Chk Pass,,
As1890,ppm, 2.0349,.00760,.37332, 2.0302, 2.0309, 2.0437,Chk Pass,,
B_2089,ppm, 2.0197,.00710,.35168, 2.0170, 2.0143, 2.0278,Chk Pass,,
Ba4554,ppm, 1.9232,.00732,.38079, 1.9165, 1.9310, 1.9220,Chk Pass,,
Be3130,ppm, 2.0882,.01483,.71007, 2.1039, 2.0744, 2.0863,Chk Pass,,
Ca3179,ppm, 39.464,.10282,.26055, 39.351, 39.552, 39.489,Chk Pass,,
Cd2288,ppm, 1.9918,.00731,.36703, 1.9891, 1.9863, 2.0001,Chk Pass,,
Co2286,ppm, 1.9905,.00910,.45722, 1.9876, 1.9831, 2.0007,Chk Pass,,
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Cr2677,ppm, 2.0834,.00196,.09401, 2.0836, 2.0852, 2.0813,Chk Pass,,
Cu3247,ppm, 1.8502,.00463,.25018, 1.8470, 1.8555, 1.8480,Chk Pass,,
Fe2599,ppm, 37.514,.10089,.26893, 37.399, 37.585, 37.559,Chk Pass,,
K_7664,ppm, 37.368,.11075,.29639, 37.241, 37.417, 37.446,Chk Pass,,
Li6707,ppm, 1.8872,.00585,.30992, 1.8808, 1.8923, 1.8883,Chk Pass,,
Mg2790,ppm, 39.208,.12203,.31124, 39.083, 39.327, 39.213,Chk Pass,,
Mn2576,ppm, 1.9461,.00493,.25310, 1.9411, 1.9509, 1.9463,Chk Pass,,
Mo2020,ppm, 1.9452,.00623,.32009, 1.9418, 1.9414, 1.9524,Chk Pass,,
Na5895,ppm, 38.426,.10460,.27221, 38.308, 38.509, 38.460,Chk Pass,,
Ni2316,ppm, 2.0203,.00545,.26978, 2.0249, 2.0143, 2.0218,Chk Pass,,
Pb2203,ppm, 1.9966,.00767,.38409, 2.0007, 1.9878, 2.0014,Chk Pass,,
Sb2068,ppm, 1.9900,.00793,.39852, 1.9890, 1.9826, 1.9984,Chk Pass,,
Se1960,ppm, 2.0389,.01070,.52467, 2.0394, 2.0280, 2.0493,Chk Pass,,
Sn1899,ppm, 2.0265,.00876,.43210, 2.0194, 2.0238, 2.0363,Chk Pass,,
Sr4077,ppm, 1.8504,.00551,.29761, 1.8442, 1.8545, 1.8527,Chk Pass,,
Ti3349,ppm, 1.9474,.00327,.16808, 1.9452, 1.9511, 1.9458,Chk Pass,,
Tl1908,ppm, 2.0185,.00534,.26443, 2.0214, 2.0124, 2.0218,Chk Pass,,
V_2924,ppm, 1.9298,.00181,.09395, 1.9278, 1.9306, 1.9312,Chk Pass,,
Zn2138,ppm, 2.0234,.00719,.35540, 2.0205, 2.0182, 2.0316,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 791.52,1.5955,.20157,790.17,793.28,791.10
Y_2243,Cts/S, 4490.3,17.365,.38674,4501.3,4499.3,4470.3
Y_3710,Cts/S, 86188.,61.490,.07134,86185.,86251.,86128.
Y_3710-2,Cts/S, 9017.9,26.464,.29346,9000.7,9004.7,9048.4

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Sample Type=QC
Mode=CONC
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00073,.00037,50.490, .00094, .00095, .00030,Chk Pass,,
Al3961,ppm, .01455,.00137,9.3821, .01576, .01307, .01483,Chk Pass,,
As1890,ppm, .00088,.00034,38.490, .00049, .00107, .00108,Chk Pass,,
B_2089,ppm, .00160,.00009,5.9330, .00170, .00156, .00152,Chk Pass,,
Ba4554,ppm, -.00017,.00007,38.881, -.00010, -.00023, -.00018,Chk Pass,,
Be3130,ppm, .00003,.00001,46.918, .00004, .00001, .00002,Chk Pass,,
Ca3179,ppm, .00114,.00074,65.231, .00090, .00197, .00054,Chk Pass,,
Cd2288,ppm, .00012,.00001,8.0478, .00011, .00013, .00011,Chk Pass,,
Co2286,ppm, .00003,.00009,307.57, -.00007, .00005, -.00011,Chk Pass,,
Cr2677,ppm, .00022,.00017,78.930, .00011, .00012, .00041,Chk Pass,,
Cu3247,ppm, .00150,.00040,26.908, .00165, .00182, .00105,Chk Pass,,
Fe2599,ppm, .00014,.00120,877.76, -.00046, -.00064, .00151,Chk Pass,,
K_7664,ppm, .03361,.01419,42.233, .03559, .04671, .01853,Chk Pass,,
Li6707,ppm, .00044,.00077,173.94, .00101, .00075, -.00043,Chk Pass,,
Mg2790,ppm, -.00082,.01168,1420.3, -.01254, -.00073, .01081,Chk Pass,,
Mn2576,ppm, .00003,.00003,97.649, .00007, .00000, .00004,Chk Pass,,
Mo2020,ppm, .00019,.00024,124.81, .00038, -.00007, .00026,Chk Pass,,
Na5895,ppm, .24931,.00502,2.0117, .24437, .25439, .24917,Chk Pass,,
Ni2316,ppm, -.00011,.00030,275.36, .00024, -.00028, -.00028,Chk Pass,,
Pb2203,ppm, -.00091,.00067,73.201, -.00162, -.00082, -.00030,Chk Pass,,
Sb2068,ppm, .00093,.00140,150.69, .00216, .00124, -.00060,Chk Pass,,
Se1960,ppm, -.00002,.00124,5086.4, .00127, -.00012, -.00122,Chk Pass,,
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Sn1899,ppm, .00019,.00019,97.446, .00017, .00038, .00001,Chk Pass,,
Sr4077,ppm, .00005,.00008,156.02, -.00001, .00014, .00003,Chk Pass,,
Ti3349,ppm, -.00009,.00031,324.73, -.00027, .00026, -.00028,Chk Pass,,
Tl1908,ppm, .00055,.00026,47.141, .00047, .00033, .00083,Chk Pass,,
V_2924,ppm, .00015,.00031,208.44, -.00016, .00014, .00047,Chk Pass,,
Zn2138,ppm, -.00009,.00003,33.906, -.00005, -.00010, -.00010,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 896.44,2.0633,.23016,897.81,897.46,894.07
Y_2243,Cts/S, 4656.9,14.088,.30252,4667.4,4662.5,4640.9
Y_3710,Cts/S, 90932.,89.370,.09828,90840.,90938.,91018.
Y_3710-2,Cts/S, 9208.2,2.1056,.02287,9208.9,9205.9,9210.0

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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00143,.00055,38.813, .00080, .00165, .00183
Al3961,ppm, .07573,.02831,37.386, .09902, .04421, .08395
As1890,ppm, -.00175,.00758,432.54, -.00727, -.00488, .00689
B_2089,ppm, .11185,.00125,1.1140, .11204, .11299, .11052
Ba4554,ppm, 1.0198,.00395,.38715, 1.0201, 1.0236, 1.0157
Be3130,ppm, -.00013,.00002,15.713, -.00012, -.00012, -.00015
Ca3179,ppm, 606.34,3.0298,.49969, 608.15, 608.03, 602.84
Cd2288,ppm, .00158,.00052,32.959, .00104, .00207, .00163
Co2286,ppm, -.00165,.00105,63.698, -.00063, -.00273, -.00159
Cr2677,ppm, .00375,.00146,39.020, .00255, .00331, .00538
Cu3247,ppm, .01423,.00131,9.2171, .01568, .01387, .01313
Fe2599,ppm, .00556,.01114,200.50, -.00314, .01811, .00170
K_7664,ppm, 1.6573,.06086,3.6722, 1.5940, 1.7154, 1.6623
Li6707,ppm, .02007,.00377,18.797, .02393, .01639, .01989
Mg2790,ppm, 11.676,.19575,1.6765, 11.658, 11.880, 11.490
Mn2576,ppm, .03359,.00033,.98576, .03391, .03360, .03325
Mo2020,ppm, .00132,.00020,15.085, .00148, .00110, .00140
Na5895,ppm, 1177.0,7.3621,.62551, 1171.2, 1185.3, 1174.5
Ni2316,ppm, .00197,.00053,27.010, .00141, .00247, .00201
Pb2203,ppm, -.00173,.00550,317.94, -.00462, .00461, -.00517
Sb2068,ppm, -.00547,.00337,61.656, -.00495, -.00907, -.00239
Se1960,ppm, -.00118,.00277,234.13, -.00079, .00137, -.00413
Sn1899,ppm, -.00246,.00055,22.545, -.00189, -.00249, -.00300
Sr4077,ppm, .98786,.00805,.81441, .99453, .99013, .97893
Ti3349,ppm, .00431,.00151,34.981, .00446, .00273, .00573
Tl1908,ppm, -.00085,.00130,153.86, -.00235, -.00004, -.00015
V_2924,ppm, .00580,.00112,19.397, .00584, .00690, .00465
Zn2138,ppm, .23459,.00062,.26294, .23387, .23496, .23492

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 784.98,2.4707,.31474,785.73,786.99,782.22
Y_2243,Cts/S, 4357.0,10.215,.23444,4368.4,4353.8,4348.8
Y_3710,Cts/S, 84202.,595.65,.70740,83531.,84410.,84666.
Y_3710-2,Cts/S, 8883.2,43.637,.49123,8911.8,8832.9,8904.7
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14

Zoom In
Zoom Out

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SampleName=T59116-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 5:29:04
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00245,.00036,14.791, .00209, .00245, .00282
Al3961,ppm, 1.1610,.02132,1.8363, 1.1382, 1.1804, 1.1643
As1890,ppm, .00605,.00418,69.122, .00871, .00123, .00820
B_2089,ppm, .81466,.00437,.53699, .81240, .81188, .81970
Ba4554,ppm, 5.3273,.00618,.11601, 5.3228, 5.3248, 5.3344
Be3130,ppm, .00205,.00008,3.8666, .00196, .00205, .00212
Ca3179,ppm, 150.29,.24568,.16347, 150.48, 150.37, 150.01
Cd2288,ppm, .02261,.00072,3.1939, .02233, .02343, .02207
Co2286,ppm, .25073,.00125,.49687, .24953, .25202, .25063
Cr2677,ppm, .02120,.00038,1.7711, .02080, .02155, .02125
Cu3247,ppm, .08440,.00193,2.2905, .08393, .08653, .08275
Fe2599,ppm, 9.9186,.06618,.06235, 9.9223, 9.9220, 9.9115
K_7664,ppm, 4.3977,.10615,2.4137, 4.2894, 4.4019, 4.5016
Li6707,ppm, .01701,.00242,14.220, .01908, .01435, .01760
Mg2790,ppm, 14.523,.12427,.85566, 14.631, 14.552, 14.387
Mn2576,ppm, 2.7973,.01069,.38215, 2.7851, 2.8048, 2.8022
Mo2020,ppm, .00512,.00094,18.291, .00475, .00443, .00618
Na5895,ppm, 1242.1,3.7117,.29883, 1245.9, 1238.5, 1241.8
Ni2316,ppm, .30455,.00242,.79534, .30503, .30192, .30669
Pb2203,ppm, .01785,.00373,20.900, .02125, .01844, .01386
Sb2068,ppm, -.00089,.00310,346.94, -.00060, .00205, -.00413
Se1960,ppm, .00869,.00239,27.533, .00735, .00727, .01145
Sn1899,ppm, -.00159,.00136,85.600, -.00012, -.00182, -.00281
Sr4077,ppm, .88910,.00177,.19918, .89039, .88984, .88709
Ti3349,ppm, .00845,.00103,12.193, .00935, .00733, .00866
Tl1908,ppm, .00392,.00201,51.249, .00324, .00234, .00619
V_2924,ppm, .00211,.00073,34.472, .00132, .00228, .00275
Zn2138,ppm, 17.970,.03823,.21272, 17.962, 17.936, 18.011

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 774.96,3.1965,.41248,778.62,773.52,772.73
Y_2243,Cts/S, 4330.0,22.866,.52809,4356.3,4319.0,4314.8
Y_3710,Cts/S, 83710.,180.93,.21614,83741.,83515.,83873.
Y_3710-2,Cts/S, 8901.7,36.429,.40924,8863.8,8904.7,8936.5

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 5:34:45
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00129,.00083,64.526, .00086, .00076, .00224
Al3961,ppm, .10209,.05685,55.689, .04140, .15411, .11076
As1890,ppm, .16630,.00867,5.2109, .17603, .15940, .16348
B_2089,ppm, .15484,.00225,1.4554, .15581, .15227, .15645
Ba4554,ppm, .30421,.00052,.16970, .30447, .30456, .30362
Be3130,ppm, -.00015,.00004,27.279, -.00019, -.00012, -.00013
Ca3179,ppm, 826.74,6.6149,.80012, 830.76, 819.10, 830.36
Cd2288,ppm, .00340,.00078,22.888, .00414, .00259, .00348
Co2286,ppm, .00672,.00084,12.508, .00756, .00671, .00588
Cr2677,ppm, .00343,.00134,38.937, .00318, .00488, .00224
Cu3247,ppm, .01266,.00121,9.5545, .01331, .01340, .01126
Fe2599,ppm, .01159,.00174,15.026, .01010, .01116, .01350
K_7664,ppm, 6.7019,.08275,1.2347, 6.7921, 6.6843, 6.6294
Li6707,ppm, .02539,.00833,32.815, .02406, .03430, .01780
Mg2790,ppm, 8.3944,.10880,1.2961, 8.4451, 8.4687, 8.2696
Mn2576,ppm, 1.8928,.00204,.10792, 1.8947, 1.8931, 1.8907
Mo2020,ppm, .00680,.00103,15.184, .00695, .00774, .00570
Na5895,ppm, 1250.2,10.112,.80889, 1243.0, 1261.7, 1245.8
Ni2316,ppm, .01496,.00082,5.4795, .01459, .01591, .01440
Pb2203,ppm, .00919,.00505,54.982, .00364, .01352, .01042
Sb2068,ppm, .01537,.00458,29.811, .02041, .01424, .01146
Se1960,ppm, .00936,.01157,123.61, .00758, -.00122, .02171
Sn1899,ppm, -.00478,.00262,54.808, -.00704, -.00191, -.00538
Sr4077,ppm, 2.0065,.00119,.05935, 2.0057, 2.0058, 2.0078
Ti3349,ppm, .00482,.00005,1.0071, .00481, .00488, .00478
Tl1908,ppm, -.00136,.00292,214.71, -.00432, .00152, -.00127
V_2924,ppm, .00366,.00059,16.204, .00423, .00304, .00372
Zn2138,ppm, .31102,.00170,.54574, .30921, .31129, .31257

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 773.57,3.7609,.48617,776.09,775.38,769.25
Y_2243,Cts/S, 4302.4,15.891,.36936,4319.5,4299.7,4288.1
Y_3710,Cts/S, 82487.,266.83,.32348,82391.,82788.,82281.
Y_3710-2,Cts/S, 8743.1,51.597,.59015,8723.0,8801.7,8704.6

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 5:40:36
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00518,.00265,51.121, .00454, .00291, .00809
Al3961,ppm, .10560,.02284,21.631, .13108, .08695, .09877
As1890,ppm, .00497,.00445,89.508, .00937, .00048, .00505
B_2089,ppm, .13624,.00071,.52234, .13613, .13700, .13559
Ba4554,ppm, .52634,.00169,.32110, .52806, .52628, .52468
Be3130,ppm, -.00010,.00003,34.126, -.00006, -.00010, -.00012
Ca3179,ppm, 643.73,.28548,.04435, 643.87, 643.40, 643.91
Cd2288,ppm, .00107,.00071,66.792, .00129, .00165, .00027
Co2286,ppm, .00884,.00065,7.3022, .00948, .00819, .00885
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Cr2677,ppm, .00298,.00038,12.633, .00335, .00260, .00298
Cu3247,ppm, .01419,.00209,14.705, .01277, .01659, .01322
Fe2599,ppm, .01500,.00332,22.133, .01629, .01123, .01749
K_7664,ppm, 2.9984,.03210,1.0706, 3.0180, 2.9613, 3.0157
Li6707,ppm, .02125,.00306,14.405, .01960, .01937, .02479
Mg2790,ppm, 6.9383,.05885,.84817, 7.0043, 6.8914, 6.9193
Mn2576,ppm, 2.4801,.00423,.17056, 2.4850, 2.4779, 2.4774
Mo2020,ppm, .00222,.00092,41.754, .00239, .00122, .00304
Na5895,ppm, 1167.0,7.5934,.65071, 1158.8, 1168.2, 1173.8
Ni2316,ppm, .01759,.00085,4.8084, .01784, .01828, .01664
Pb2203,ppm, .00611,.00668,109.33, .00604, -.00053, .01282
Sb2068,ppm, .00206,.00356,173.03, .00306, -.00190, .00501
Se1960,ppm, .01391,.00780,56.071, .01521, .02099, .00555
Sn1899,ppm, -.00357,.00142,39.592, -.00200, -.00399, -.00473
Sr4077,ppm, 1.7686,.00136,.07678, 1.7701, 1.7678, 1.7678
Ti3349,ppm, .00326,.00039,11.960, .00292, .00316, .00368
Tl1908,ppm, .00054,.00183,336.64, -.00107, .00253, .00017
V_2924,ppm, .00170,.00290,170.74, .00237, -.00148, .00420
Zn2138,ppm, .45193,.00172,.38065, .45175, .45030, .45373

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 775.98,4.4306,.57097,780.45,775.89,771.59
Y_2243,Cts/S, 4311.6,23.741,.55064,4320.0,4329.9,4284.8
Y_3710,Cts/S, 84075.,272.50,.32412,84096.,84336.,83793.
Y_3710-2,Cts/S, 8996.9,16.094,.17888,8996.9,8980.8,9013.0

[Sample Header]
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Run Time=9/7/2010 5:46:21
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00319,.00146,45.946, .00427, .00378, .00152
Al3961,ppm, .09580,.03845,40.138, .06319, .08601, .13821
As1890,ppm, -.00228,.00467,204.33, .00092, -.00764, -.00013
B_2089,ppm, .23427,.00243,1.0387, .23700, .23233, .23348
Ba4554,ppm, .08526,.00034,.39922, .08542, .08487, .08548
Be3130,ppm, -.00002,.00006,305.06, .00002, -.00008, .00001
Ca3179,ppm, 260.08,.67581,.25985, 260.53, 259.31, 260.41
Cd2288,ppm, .00020,.00086,442.55, -.00073, .00098, .00034
Co2286,ppm, -.00024,.00187,762.41, -.00095, -.00165, .00187
Cr2677,ppm, .00333,.00053,16.012, .00360, .00368, .00272
Cu3247,ppm, .00976,.00070,7.1583, .01027, .00897, .01005
Fe2599,ppm, .04513,.00879,19.473, .03528, .04797, .05215
K_7664,ppm, 10.835,.08016,.73976, 10.927, 10.800, 10.779
Li6707,ppm, .01510,.00771,51.049, .01357, .00827, .02346
Mg2790,ppm, 18.325,.18714,1.0212, 18.383, 18.116, 18.476
Mn2576,ppm, 1.5504,.00464,.29956, 1.5555, 1.5490, 1.5466
Mo2020,ppm, .00060,.00052,87.764, .00041, .00019, .00119
Na5895,ppm, 1276.6,8.6239,.67551, 1280.4, 1266.8, 1282.7
Ni2316,ppm, -.00021,.00087,409.90, .00005, .00050, -.00119
Pb2203,ppm, -.00563,.00350,62.208, -.00256, -.00944, -.00489
Sb2068,ppm, -.00259,.00289,111.51, -.00141, -.00588, -.00048
Se1960,ppm, -.00141,.00110,77.752, -.00233, -.00019, -.00173
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Sn1899,ppm, -.00474,.00194,40.841, -.00576, -.00251, -.00596
Sr4077,ppm, .26013,.00097,.37221, .26088, .25904, .26048
Ti3349,ppm, .00244,.00024,9.8222, .00256, .00260, .00217
Tl1908,ppm, .00141,.00075,53.002, .00199, .00057, .00166
V_2924,ppm, .00133,.00122,91.795, .00260, .00016, .00124
Zn2138,ppm, 8.3050,.02375,.28597, 8.2963, 8.2868, 8.3319

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 781.33,4.4908,.57476,780.72,786.10,777.18
Y_2243,Cts/S, 4349.1,20.457,.47036,4343.2,4371.9,4332.3
Y_3710,Cts/S, 83481.,111.93,.13408,83425.,83610.,83408.
Y_3710-2,Cts/S, 8834.0,9.8839,.11188,8823.9,8843.6,8834.5

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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 5:52:08
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22725,.00056,.24616, .22707, .22680, .22788,Chk Pass,,
Al3961,ppm,F 35.994,.06206,.17240, 35.923, 36.025, 36.035,Chk Fail,40.000,-10.000%
As1890,ppm, 2.0158,.00165,.08194, 2.0158, 2.0141, 2.0175,Chk Pass,,
B_2089,ppm, 2.0058,.00773,.38519, 2.0022, 2.0005, 2.0146,Chk Pass,,
Ba4554,ppm, 1.9152,.00101,.05280, 1.9160, 1.9141, 1.9156,Chk Pass,,
Be3130,ppm, 2.0769,.01034,.49800, 2.0688, 2.0735, 2.0886,Chk Pass,,
Ca3179,ppm, 39.116,.01588,.04060, 39.104, 39.110, 39.134,Chk Pass,,
Cd2288,ppm, 1.9861,.00489,.24603, 1.9842, 1.9824, 1.9916,Chk Pass,,
Co2286,ppm, 1.9848,.00622,.31315, 1.9804, 1.9821, 1.9919,Chk Pass,,
Cr2677,ppm, 2.0764,.00123,.05906, 2.0761, 2.0778, 2.0754,Chk Pass,,
Cu3247,ppm, 1.8283,.00666,.36431, 1.8229, 1.8263, 1.8358,Chk Pass,,
Fe2599,ppm, 37.039,.06105,.16482, 36.969, 37.071, 37.078,Chk Pass,,
K_7664,ppm, 36.843,.04434,.12036, 36.794, 36.853, 36.881,Chk Pass,,
Li6707,ppm, 1.8685,.00263,.14099, 1.8658, 1.8688, 1.8710,Chk Pass,,
Mg2790,ppm, 38.776,.02539,.06548, 38.768, 38.804, 38.755,Chk Pass,,
Mn2576,ppm, 1.9216,.00438,.22816, 1.9171, 1.9219, 1.9258,Chk Pass,,
Mo2020,ppm, 1.9408,.00671,.34562, 1.9361, 1.9379, 1.9485,Chk Pass,,
Na5895,ppm, 38.038,.07217,.18974, 37.967, 38.036, 38.112,Chk Pass,,
Ni2316,ppm, 2.0034,.01263,.63032, 2.0000, 1.9927, 2.0173,Chk Pass,,
Pb2203,ppm, 1.9779,.01488,.75214, 1.9724, 1.9666, 1.9947,Chk Pass,,
Sb2068,ppm, 1.9751,.01045,.52913, 1.9761, 1.9641, 1.9849,Chk Pass,,
Se1960,ppm, 2.0035,.00594,.29666, 1.9977, 2.0033, 2.0095,Chk Pass,,
Sn1899,ppm, 2.0134,.00594,.29484, 2.0124, 2.0081, 2.0198,Chk Pass,,
Sr4077,ppm, 1.8254,.00356,.19506, 1.8213, 1.8270, 1.8278,Chk Pass,,
Ti3349,ppm, 1.9311,.00251,.13016, 1.9283, 1.9318, 1.9331,Chk Pass,,
Tl1908,ppm, 2.0017,.01252,.62532, 1.9948, 1.9941, 2.0161,Chk Pass,,
V_2924,ppm, 1.9186,.00204,.10641, 1.9172, 1.9177, 1.9210,Chk Pass,,
Zn2138,ppm, 2.0141,.00614,.30484, 2.0114, 2.0097, 2.0211,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 777.17,6.2219,.80058,779.25,782.09,770.18
Y_2243,Cts/S, 4388.9,17.242,.39286,4395.5,4401.8,4369.3
Y_3710,Cts/S, 85907.,166.35,.19364,86074.,85741.,85906.
Y_3710-2,Cts/S, 8964.8,46.197,.51532,8925.8,9015.8,8952.8
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[Sample Header]
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SampleName=CCB
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 5:57:40
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00003,.00049,1824.4, .00037, .00024, -.00053,Chk Pass,,
Al3961,ppm, .00989,.00812,82.103, .01850, .00238, .00878,Chk Pass,,
As1890,ppm, .00027,.00136,499.91, .00010, .00171, -.00099,Chk Pass,,
B_2089,ppm, .00151,.00029,18.895, .00183, .00127, .00145,Chk Pass,,
Ba4554,ppm, -.00016,.00012,72.689, -.00028, -.00016, -.00004,Chk Pass,,
Be3130,ppm, .00001,.00001,145.42, .00000, .00002, .00000,Chk Pass,,
Ca3179,ppm, .00113,.00017,14.734, .00113, .00096, .00129,Chk Pass,,
Cd2288,ppm, .00005,.00006,133.46, .00012, .00001, .00002,Chk Pass,,
Co2286,ppm, .00009,.00015,162.50, .00005, .00026, -.00003,Chk Pass,,
Cr2677,ppm, .00051,.00005,9.2186, .00048, .00056, .00048,Chk Pass,,
Cu3247,ppm, .00082,.00023,28.598, .00059, .00106, .00082,Chk Pass,,
Fe2599,ppm, .00036,.00095,262.27, .00142, -.00041, .00008,Chk Pass,,
K_7664,ppm, .03267,.01571,48.095, .01673, .04815, .03314,Chk Pass,,
Li6707,ppm, .00003,.00043,1240.8, .00012, .00041, -.00043,Chk Pass,,
Mg2790,ppm, .00189,.01086,574.28, .01443, -.00419, -.00457,Chk Pass,,
Mn2576,ppm, .00003,.00002,65.375, .00001, .00005, .00003,Chk Pass,,
Mo2020,ppm, .00020,.00015,78.370, .00003, .00022, .00034,Chk Pass,,
Na5895,ppm, .21045,.01156,5.4951, .22363, .20204, .20566,Chk Pass,,
Ni2316,ppm, -.00003,.00027,1043.1, .00015, .00011, -.00033,Chk Pass,,
Pb2203,ppm, -.00013,.00079,593.49, -.00041, -.00075, .00076,Chk Pass,,
Sb2068,ppm, .00149,.00009,5.9454, .00140, .00158, .00149,Chk Pass,,
Se1960,ppm, -.00050,.00128,254.19, .00097, -.00118, -.00130,Chk Pass,,
Sn1899,ppm, .00028,.00005,16.925, .00032, .00023, .00030,Chk Pass,,
Sr4077,ppm, .00004,.00006,158.48, .00001, .00000, .00011,Chk Pass,,
Ti3349,ppm, -.00013,.00010,75.661, -.00018, -.00002, -.00020,Chk Pass,,
Tl1908,ppm, .00062,.00044,72.121, .00021, .00109, .00054,Chk Pass,,
V_2924,ppm, .00015,.00019,125.66, .00010, -.00001, .00036,Chk Pass,,
Zn2138,ppm, -.00006,.00012,218.29, -.00018, -.00005, .00007,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 860.29,2.3995,.27891,862.84,859.97,858.07
Y_2243,Cts/S, 4465.7,11.324,.25357,4469.0,4475.1,4453.1
Y_3710,Cts/S, 86390.,145.51,.16843,86277.,86340.,86554.
Y_3710-2,Cts/S, 8790.3,62.716,.71346,8723.6,8848.1,8799.4

[Sample Header]
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SampleName=T59295-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 6:03:22
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00011,.00011,94.849, -.00006, -.00024, -.00004
Al3961,ppm, .48510,.00648,1.3364, .49118, .47828, .48583
As1890,ppm, .00391,.00080,20.322, .00355, .00482, .00336
B_2089,ppm, 1.7978,.00592,.32953, 1.8000, 1.7911, 1.8023
Ba4554,ppm, .06578,.00010,.14617, .06574, .06571, .06589
Be3130,ppm, -.00001,.00001,127.79, -.00001, .00000, -.00002
Ca3179,ppm, 175.55,.54253,.30904, 175.04, 175.49, 176.12
Cd2288,ppm, .00029,.00017,57.669, .00047, .00015, .00025
Co2286,ppm, .00003,.00034,1172.2, -.00027, .00040, -.00005
Cr2677,ppm, .00129,.00005,4.0177, .00135, .00125, .00128
Cu3247,ppm, .00373,.00022,5.8106, .00397, .00356, .00365
Fe2599,ppm, .36214,.00235,.65027, .36010, .36161, .36472
K_7664,ppm, 158.00,.46000,.29113, 158.23, 157.47, 158.30
Li6707,ppm, .09294,.00078,.84267, .09217, .09291, .09374
Mg2790,ppm, 533.09,1.7953,.33677, 533.44, 531.15, 534.69
Mn2576,ppm, .02306,.00005,.23443, .02312, .02304, .02302
Mo2020,ppm, .00526,.00012,2.2358, .00534, .00532, .00512
Na5895,ppm, 2685.0,42.587,1.5861, 2712.4, 2706.6, 2635.9
Ni2316,ppm, -.00261,.00008,3.2145, -.00264, -.00267, -.00251
Pb2203,ppm, .00036,.00124,345.84, -.00086, .00162, .00031
Sb2068,ppm, .00098,.00066,68.090, .00156, .00025, .00111
Se1960,ppm, .00315,.00188,59.617, .00248, .00527, .00170
Sn1899,ppm, -.00101,.00011,11.253, -.00094, -.00095, -.00114
Sr4077,ppm, 2.9464,.01085,.36831, 2.9541, 2.9340, 2.9511
Ti3349,ppm, .01492,.00043,2.8582, .01539, .01455, .01482
Tl1908,ppm, .00021,.00030,138.98, .00003, .00005, .00055
V_2924,ppm, .00356,.00080,22.417, .00315, .00448, .00305
Zn2138,ppm, -.01631,.00005,.33406, -.01627, -.01637, -.01630

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 599.14,2.9069,.48519,600.11,601.44,595.87
Y_2243,Cts/S, 3599.5,12.628,.35082,3594.0,3614.0,3590.6
Y_3710,Cts/S, 68122.,94.340,.13849,68028.,68217.,68120.
Y_3710-2,Cts/S, 8225.5,12.875,.15653,8213.8,8223.4,8239.3

[Sample Header]
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Custom ID2=
Custom ID3=
Run Time=9/7/2010 6:09:17
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00073,.00046,62.889, -.00056, -.00125, -.00038
Al3961,ppm, .53504,.00511,.95548, .53441, .53027, .54044
As1890,ppm, .00527,.00061,11.493, .00564, .00559, .00457
B_2089,ppm, 1.7866,.01048,.58680, 1.7813, 1.7799, 1.7987
Ba4554,ppm, .06629,.00018,.27512, .06650, .06618, .06618
Be3130,ppm, -.00001,.00001,109.16, .00000, -.00001, -.00001
Ca3179,ppm, 181.99,.15025,.08256, 181.83, 182.13, 182.01
Cd2288,ppm, .00030,.00019,64.797, .00008, .00041, .00041
Co2286,ppm, .00002,.00020,992.33, -.00018, .00022, .00002
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Cr2677,ppm, .00137,.00002,1.2326, .00139, .00137, .00136
Cu3247,ppm, .00356,.00035,9.7994, .00320, .00357, .00390
Fe2599,ppm, .38368,.00282,.73572, .38127, .38679, .38298
K_7664,ppm, 161.70,.27011,.16704, 161.41, 161.93, 161.78
Li6707,ppm, .09099,.00101,1.1064, .09197, .09103, .08996
Mg2790,ppm, 540.41,1.0684,.19770, 539.27, 541.38, 540.59
Mn2576,ppm, .02389,.00015,.64726, .02374, .02387, .02405
Mo2020,ppm, .00537,.00005,.94897, .00533, .00535, .00543
Na5895,ppm, 2501.0,33.038,1.3210, 2478.4, 2485.7, 2538.9
Ni2316,ppm, -.00278,.00024,8.7184, -.00272, -.00304, -.00257
Pb2203,ppm, .00041,.00091,219.72, .00135, -.00046, .00035
Sb2068,ppm, .00094,.00120,127.90, .00020, .00232, .00029
Se1960,ppm, .00212,.00183,86.281, .00254, .00012, .00371
Sn1899,ppm, -.00092,.00027,29.112, -.00091, -.00120, -.00066
Sr4077,ppm, 2.9995,.00500,.16659, 2.9942, 3.0041, 3.0002
Ti3349,ppm, .01595,.00054,3.3659, .01639, .01610, .01535
Tl1908,ppm, -.00036,.00154,426.94, -.00119, -.00131, .00142
V_2924,ppm, .00393,.00041,10.327, .00346, .00414, .00417
Zn2138,ppm, -.01699,.00007,.38962, -.01691, -.01702, -.01703

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 594.50,.74436,.12521,593.66,594.77,595.08
Y_2243,Cts/S, 3615.3,13.564,.37519,3610.2,3630.7,3605.1
Y_3710,Cts/S, 66866.,297.73,.44527,67207.,66734.,66657.
Y_3710-2,Cts/S, 7956.1,24.398,.30665,7942.4,7984.2,7941.5

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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00248,.00215,86.882, .00421, .00007, .00316
Al3961,ppm, .51935,.05326,10.255, .57905, .50227, .47672
As1890,ppm, .01044,.00930,89.029, .00310, .02090, .00733
B_2089,ppm, 1.7576,.00574,.32687, 1.7517, 1.7579, 1.7632
Ba4554,ppm, .06592,.00072,1.0979, .06667, .06523, .06585
Be3130,ppm, -.00005,.00007,150.87, -.00012, .00003, -.00005
Ca3179,ppm, 183.23,.60508,.33023, 183.79, 182.59, 183.30
Cd2288,ppm, .00078,.00058,74.064, .00058, .00033, .00142
Co2286,ppm, -.00023,.00166,714.04, -.00143, .00166, -.00093
Cr2677,ppm, .00295,.00251,85.243, .00146, .00584, .00154
Cu3247,ppm, .01225,.00146,11.941, .01391, .01113, .01173
Fe2599,ppm, .37222,.00404,1.0855, .36766, .37535, .37365
K_7664,ppm, 150.06,.48638,.32413, 150.53, 149.56, 150.07
Li6707,ppm, .08611,.00672,7.7987, .07920, .08652, .09261
Mg2790,ppm, 523.42,1.8605,.35545, 525.35, 521.64, 523.26
Mn2576,ppm, .02314,.00035,1.5078, .02340, .02326, .02274
Mo2020,ppm, .00490,.00065,13.181, .00424, .00553, .00494
Na5895,ppm, 3657.7,41.385,1.1314, 3696.5, 3614.1, 3662.5
Ni2316,ppm, -.00422,.00211,50.126, -.00642, -.00404, -.00220
Pb2203,ppm, .00236,.00149,62.938, .00067, .00298, .00344
Sb2068,ppm, -.00619,.00706,114.09, -.01045, -.01006, .00196
Se1960,ppm, -.00035,.00412,1173.8, .00088, -.00495, .00301
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Sn1899,ppm, -.00483,.00124,25.699, -.00424, -.00399, -.00625
Sr4077,ppm, 2.8760,.01177,.40908, 2.8893, 2.8670, 2.8718
Ti3349,ppm, .01672,.00035,2.1163, .01631, .01694, .01690
Tl1908,ppm, .00057,.00214,379.32, .00304, -.00074, -.00060
V_2924,ppm, .00361,.00162,44.902, .00503, .00393, .00185
Zn2138,ppm, -.00925,.00065,7.0023, -.00970, -.00955, -.00851

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 724.82,2.6373,.36386,727.75,724.06,722.64
Y_2243,Cts/S, 4125.7,14.218,.34463,4139.4,4126.6,4111.1
Y_3710,Cts/S, 78603.,126.89,.16143,78458.,78662.,78690.
Y_3710-2,Cts/S, 8655.0,41.986,.48511,8643.2,8701.6,8620.1

[Sample Header]
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Custom ID3=
Run Time=9/7/2010 6:20:51
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .41999,.00118,.28206, .41927, .42136, .41934
Al3961,ppm, 50.064,.17799,.35552, 50.132, 50.198, 49.862
As1890,ppm, .46316,.00209,.45062, .46521, .46104, .46325
B_2089,ppm, 2.7519,.00932,.33866, 2.7506, 2.7433, 2.7618
Ba4554,ppm, .47196,.00159,.33659, .47316, .47256, .47016
Be3130,ppm, .43501,.00045,.10456, .43514, .43539, .43450
Ca3179,ppm, 220.21,1.5776,.71640, 221.96, 218.89, 219.80
Cd2288,ppm, .44111,.00159,.36020, .44033, .44006, .44293
Co2286,ppm, .37371,.00062,.16639, .37319, .37353, .37440
Cr2677,ppm, .42407,.00105,.24852, .42466, .42470, .42286
Cu3247,ppm, .39826,.00106,.26565, .39919, .39848, .39711
Fe2599,ppm, 46.643,.16885,.36200, 46.643, 46.812, 46.474
K_7664,ppm, 207.06,.62294,.30085, 207.12, 207.65, 206.41
Li6707,ppm, .47877,.00395,.82499, .47997, .48198, .47436
Mg2790,ppm, 576.80,1.8164,.31491, 576.71, 578.66, 575.03
Mn2576,ppm, .41361,.00041,.09894, .41376, .41393, .41315
Mo2020,ppm, .39292,.00121,.30803, .39268, .39184, .39423
Na5895,ppm, 2554.5,30.195,1.1820, 2586.8, 2526.9, 2550.0
Ni2316,ppm, .42145,.00062,.14607, .42192, .42075, .42167
Pb2203,ppm, .41880,.00256,.61093, .41685, .41784, .42169
Sb2068,ppm, .43783,.00194,.44339, .43562, .43863, .43924
Se1960,ppm, .46066,.00291,.63180, .45733, .46194, .46272
Sn1899,ppm, .38579,.00152,.39308, .38670, .38404, .38663
Sr4077,ppm, 3.2478,.00846,.26042, 3.2576, 3.2434, 3.2425
Ti3349,ppm, .41485,.00045,.10938, .41463, .41537, .41454
Tl1908,ppm, .39720,.00115,.29061, .39740, .39596, .39825
V_2924,ppm, .39784,.00030,.07497, .39798, .39805, .39750
Zn2138,ppm, .43776,.00120,.27514, .43706, .43707, .43915

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 573.39,2.1381,.37289,570.99,575.09,574.09
Y_2243,Cts/S, 3617.2,13.537,.37422,3603.1,3630.1,3618.4
Y_3710,Cts/S, 67913.,307.75,.45315,67612.,67900.,68228.
Y_3710-2,Cts/S, 8010.7,37.425,.46719,7990.4,7987.8,8053.8
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[Sample Header]
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SampleName=MP12740-S2
Username=admin
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Custom ID2=
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Run Time=9/7/2010 6:26:43
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .40560,.00031,.07754, .40545, .40538, .40596
Al3961,ppm, 48.285,.14727,.30500, 48.448, 48.162, 48.244
As1890,ppm, .45405,.00238,.52363, .45643, .45168, .45405
B_2089,ppm, 2.6851,.00659,.24559, 2.6815, 2.6811, 2.6927
Ba4554,ppm, .46036,.00017,.03751, .46036, .46018, .46053
Be3130,ppm, .42987,.00016,.03619, .43002, .42990, .42971
Ca3179,ppm, 217.82,.50759,.23303, 217.99, 217.25, 218.23
Cd2288,ppm, .43258,.00153,.35335, .43166, .43173, .43434
Co2286,ppm, .36742,.00079,.21421, .36651, .36793, .36781
Cr2677,ppm, .42018,.00034,.08089, .42056, .42010, .41989
Cu3247,ppm, .38472,.00081,.20974, .38562, .38448, .38406
Fe2599,ppm, 45.582,.13220,.29003, 45.734, 45.493, 45.519
K_7664,ppm, 197.78,.57772,.29211, 198.43, 197.35, 197.55
Li6707,ppm, .46168,.00120,.25926, .46248, .46226, .46031
Mg2790,ppm, 559.60,1.2564,.22452, 560.76, 558.26, 559.77
Mn2576,ppm, .40432,.00134,.33227, .40464, .40548, .40285
Mo2020,ppm, .38621,.00125,.32476, .38563, .38534, .38765
Na5895,ppm, 2400.1,66.311,2.7629, 2476.5, 2365.5, 2358.2
Ni2316,ppm, .41400,.00159,.38304, .41338, .41281, .41580
Pb2203,ppm, .40797,.00237,.58100, .40648, .40673, .41070
Sb2068,ppm, .42990,.00180,.41961, .43018, .42796, .43154
Se1960,ppm, .45224,.00054,.11921, .45221, .45172, .45280
Sn1899,ppm, .37947,.00052,.13574, .37890, .37960, .37990
Sr4077,ppm, 3.0823,.01104,.35807, 3.0809, 3.0939, 3.0720
Ti3349,ppm, .40793,.00065,.15926, .40752, .40868, .40759
Tl1908,ppm, .38917,.00184,.47312, .38920, .38731, .39099
V_2924,ppm, .38914,.00111,.28468, .38904, .39030, .38809
Zn2138,ppm, .43123,.00143,.33103, .43055, .43027, .43287

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 588.00,2.6443,.44971,590.24,588.67,585.08
Y_2243,Cts/S, 3678.8,10.735,.29180,3683.3,3686.6,3666.6
Y_3710,Cts/S, 69656.,328.87,.47213,69470.,69464.,70036.
Y_3710-2,Cts/S, 8262.2,40.320,.48800,8236.1,8308.6,8241.9

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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 6:32:33
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00023,.00050,217.33, -.00010, .00019, -.00078
Al3961,ppm, .53291,.01375,2.5809, .54525, .51808, .53540
As1890,ppm, .00345,.00171,49.399, .00328, .00184, .00524
B_2089,ppm, 1.7940,.00570,.31795, 1.7889, 1.7930, 1.8002
Ba4554,ppm, .06723,.00013,.18798, .06713, .06737, .06718
Be3130,ppm, .00004,.00000,10.849, .00004, .00004, .00004
Ca3179,ppm, 183.18,.08443,.04609, 183.15, 183.12, 183.28
Cd2288,ppm, .00023,.00028,122.68, .00053, .00021, -.00004
Co2286,ppm, .00014,.00011,81.649, .00009, .00027, .00006
Cr2677,ppm, .00168,.00047,28.329, .00122, .00165, .00216
Cu3247,ppm, .00323,.00006,1.8047, .00329, .00318, .00323
Fe2599,ppm, .39445,.00085,.21607, .39531, .39443, .39361
K_7664,ppm, 162.02,.08807,.05436, 161.99, 161.95, 162.12
Li6707,ppm, .08809,.00050,.57019, .08851, .08823, .08754
Mg2790,ppm, 543.71,.16952,.03118, 543.87, 543.72, 543.53
Mn2576,ppm, .02684,.00006,.24146, .02691, .02682, .02679
Mo2020,ppm, .00544,.00019,3.4614, .00523, .00553, .00557
Na5895,ppm, 2482.0,30.820,1.2417, 2517.6, 2465.0, 2463.4
Ni2316,ppm, -.00276,.00054,19.578, -.00253, -.00338, -.00238
Pb2203,ppm, .00076,.00080,105.79, .00154, -.00006, .00080
Sb2068,ppm, .00085,.00176,207.81, .00072, .00267, -.00085
Se1960,ppm, -.00007,.00085,1245.4, -.00066, .00090, -.00045
Sn1899,ppm, -.00093,.00040,42.993, -.00138, -.00066, -.00073
Sr4077,ppm, 3.0004,.00340,.11321, 3.0032, 2.9967, 3.0015
Ti3349,ppm, .01549,.00056,3.6404, .01535, .01611, .01501
Tl1908,ppm, .00094,.00097,104.12, .00184, -.00010, .00106
V_2924,ppm, .00410,.00033,8.1399, .00420, .00372, .00436
Zn2138,ppm, -.01536,.00004,.23971, -.01535, -.01534, -.01541

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 596.52,3.4929,.58554,599.41,597.51,592.64
Y_2243,Cts/S, 3618.0,15.603,.43126,3630.1,3623.5,3600.4
Y_3710,Cts/S, 67069.,161.71,.24110,66969.,66983.,67256.
Y_3710-2,Cts/S, 7910.5,32.678,.41309,7923.0,7873.4,7935.1

[Sample Header]
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Username=admin
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Custom ID2=
Custom ID3=
Run Time=9/7/2010 6:38:19
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00030,.00019,63.031, .00052, .00021, .00018
Al3961,ppm, .51283,.00704,1.3726, .50946, .50811, .52092
As1890,ppm, .00299,.00142,47.440, .00206, .00462, .00229
B_2089,ppm, 3.4974,.00625,.17864, 3.4940, 3.4935, 3.5046
Ba4554,ppm, .03201,.00007,.22524, .03209, .03196, .03199
Be3130,ppm, -.00002,.00002,91.243, -.00003, -.00004, -.00001
Ca3179,ppm, 298.62,1.8529,.62050, 298.81, 300.37, 296.68
Cd2288,ppm, -.00003,.00008,288.16, -.00001, .00004, -.00011
Co2286,ppm, -.00024,.00028,116.20, .00005, -.00025, -.00051
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Cr2677,ppm, .00151,.00060,39.662, .00181, .00190, .00082
Cu3247,ppm, .00253,.00055,21.672, .00315, .00213, .00230
Fe2599,ppm, .35209,.00133,.37832, .35326, .35236, .35064
K_7664,ppm, 305.07,1.3998,.45883, 306.39, 305.22, 303.60
Li6707,ppm, .16647,.00168,1.0063, .16840, .16546, .16555
Mg2790,ppm, 1010.0,3.9412,.39021, 1013.4, 1011.0, 1005.7
Mn2576,ppm, .01770,.00013,.76198, .01767, .01759, .01785
Mo2020,ppm, .00824,.00011,1.3003, .00822, .00835, .00814
Na5895,ppm,^ *****,-----,-----,^ -----, 2938.2,^ -----
Ni2316,ppm, -.00692,.00016,2.3485, -.00708, -.00692, -.00675
Pb2203,ppm, -.00035,.00040,112.95, -.00080, -.00005, -.00020
Sb2068,ppm, -.00169,.00159,94.367, -.00343, -.00132, -.00031
Se1960,ppm, .00318,.00143,45.055, .00371, .00156, .00428
Sn1899,ppm, -.00109,.00015,13.863, -.00092, -.00121, -.00114
Sr4077,ppm, 5.3903,.03451,.64030, 5.4200, 5.3986, 5.3524
Ti3349,ppm, .01594,.00073,4.6100, .01555, .01678, .01547
Tl1908,ppm, -.00015,.00140,947.56, .00140, -.00132, -.00052
V_2924,ppm, .00198,.00041,20.616, .00217, .00226, .00151
Zn2138,ppm, -.03429,.00021,.59830, -.03435, -.03446, -.03406

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 529.83,3.8284,.72257,533.12,530.74,525.63
Y_2243,Cts/S, 3277.2,16.515,.50392,3293.6,3277.5,3260.6
Y_3710,Cts/S, 62530.,136.91,.21895,62606.,62611.,62372.
Y_3710-2,Cts/S, 7808.6,55.181,.70667,7804.1,7755.8,7865.8

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00029,.00091,315.81, -.00061, -.00100, .00074
Al3961,ppm, .62611,.00781,1.2468, .63124, .62997, .61713
As1890,ppm, .00180,.00105,58.149, .00061, .00220, .00260
B_2089,ppm, 3.6120,.01370,.37930, 3.6024, 3.6058, 3.6276
Ba4554,ppm, .02387,.00013,.54312, .02390, .02399, .02373
Be3130,ppm, -.00002,.00001,31.814, -.00003, -.00002, -.00002
Ca3179,ppm, 309.36,5.6249,1.8182, 302.94, 313.41, 311.72
Cd2288,ppm, .00032,.00022,67.237, .00055, .00030, .00012
Co2286,ppm, .00011,.00027,249.75, .00043, -.00007, -.00002
Cr2677,ppm, .00212,.00029,13.866, .00179, .00222, .00235
Cu3247,ppm, .00177,.00044,25.159, .00136, .00170, .00224
Fe2599,ppm, .42201,.00268,.63484, .41897, .42308, .42400
K_7664,ppm, 324.38,.66871,.20615, 324.18, 323.84, 325.13
Li6707,ppm, .17120,.00037,.21343, .17162, .17097, .17100
Mg2790,ppm, 1058.8,2.5160,.23762, 1057.2, 1057.5, 1061.7
Mn2576,ppm, .02601,.00002,.08004, .02599, .02603, .02602
Mo2020,ppm, .00847,.00039,4.5997, .00883, .00805, .00851
Na5895,ppm,^ *****,-----,-----,^ -----, 3140.5, 3208.5
Ni2316,ppm, -.00746,.00028,3.7124, -.00746, -.00773, -.00718
Pb2203,ppm, .00011,.00081,764.12, .00005, -.00068, .00095
Sb2068,ppm, .00010,.00037,366.09, .00020, .00042, -.00031
Se1960,ppm, .00347,.00127,36.543, .00468, .00215, .00357
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Sn1899,ppm, -.00152,.00037,24.295, -.00147, -.00191, -.00117
Sr4077,ppm, 5.7336,.03848,.67110, 5.7580, 5.6892, 5.7536
Ti3349,ppm, .01762,.00070,3.9536, .01694, .01758, .01833
Tl1908,ppm, .00059,.00121,203.78, .00021, -.00038, .00194
V_2924,ppm, .00228,.00087,38.055, .00312, .00138, .00234
Zn2138,ppm, -.03694,.00014,.37359, -.03688, -.03685, -.03710

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 523.35,.42858,.08189,523.72,523.46,522.88
Y_2243,Cts/S, 3255.4,2.6196,.08047,3252.6,3257.8,3255.9
Y_3710,Cts/S, 60578.,123.02,.20308,60456.,60578.,60702.
Y_3710-2,Cts/S, 7487.5,27.426,.36629,7457.3,7494.3,7510.8

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 6:50:24
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00053,.00065,122.81, .00103, .00076, -.00020
Al3961,ppm, .01506,.00277,18.375, .01306, .01389, .01821
As1890,ppm, -.00007,.00149,2198.9, .00092, -.00178, .00065
B_2089,ppm, .00850,.00052,6.1352, .00844, .00905, .00801
Ba4554,ppm, .00011,.00003,31.657, .00010, .00007, .00014
Be3130,ppm, -.00002,.00000,9.1882, -.00002, -.00002, -.00002
Ca3179,ppm, .15508,.01025,6.6099, .16691, .14907, .14925
Cd2288,ppm, .00029,.00025,86.332, .00020, .00010, .00058
Co2286,ppm, .00008,.00009,110.68, .00017, .00009, -.00001
Cr2677,ppm, .00045,.00015,33.821, .00027, .00056, .00051
Cu3247,ppm, .00141,.00011,8.1276, .00141, .00129, .00152
Fe2599,ppm, .00506,.00186,36.790, .00350, .00456, .00712
K_7664,ppm, .25434,.02381,9.3600, .27626, .22901, .25774
Li6707,ppm, .00053,.00072,136.57, .00046, -.00016, .00128
Mg2790,ppm, .18518,.01974,10.660, .20424, .18649, .16482
Mn2576,ppm, .00083,.00003,3.5119, .00086, .00080, .00083
Mo2020,ppm, -.00003,.00017,578.38, -.00001, -.00021, .00013
Na5895,ppm, 3.5636,.34283,9.6205, 3.9357, 3.4944, 3.2606
Ni2316,ppm, .00026,.00016,60.363, .00029, .00009, .00039
Pb2203,ppm, -.00085,.00007,7.9741, -.00082, -.00080, -.00093
Sb2068,ppm, .00078,.00047,60.546, .00119, .00026, .00089
Se1960,ppm, -.00047,.00205,438.12, .00118, .00018, -.00276
Sn1899,ppm, -.00011,.00037,328.67, -.00035, .00032, -.00031
Sr4077,ppm, .00122,.00021,16.907, .00138, .00130, .00099
Ti3349,ppm, .00003,.00014,456.59, -.00010, .00018, .00002
Tl1908,ppm, -.00002,.00003,223.93, -.00003, -.00004, .00002
V_2924,ppm, .00017,.00046,274.51, -.00034, .00029, .00055
Zn2138,ppm, .00201,.00009,4.2349, .00207, .00191, .00205

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 867.80,3.7672,.43411,869.04,870.79,863.57
Y_2243,Cts/S, 4511.7,19.630,.43509,4518.8,4526.8,4489.5
Y_3710,Cts/S, 88377.,290.61,.32883,88556.,88041.,88533.
Y_3710-2,Cts/S, 9004.4,48.227,.53560,9057.0,8994.1,8962.2
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[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00009,.00045,505.04, .00059, -.00026, -.00006
Al3961,ppm, .33522,.01010,3.0123, .32751, .33152, .34665
As1890,ppm, .00250,.00177,70.824, .00056, .00292, .00402
B_2089,ppm, 2.4825,.00809,.32581, 2.4794, 2.4764, 2.4917
Ba4554,ppm, .05206,.00045,.86112, .05220, .05156, .05242
Be3130,ppm, -.00002,.00002,101.08, -.00005, -.00001, -.00001
Ca3179,ppm, 230.92,4.4844,1.9420, 226.07, 231.78, 234.91
Cd2288,ppm, .00015,.00029,199.63, -.00010, .00047, .00006
Co2286,ppm, .00013,.00024,181.90, -.00006, .00006, .00039
Cr2677,ppm, .00143,.00055,38.481, .00086, .00196, .00148
Cu3247,ppm, .00308,.00016,5.2225, .00292, .00324, .00309
Fe2599,ppm, .24683,.00033,.13335, .24678, .24653, .24718
K_7664,ppm, 223.02,.30400,.13631, 222.74, 222.98, 223.34
Li6707,ppm, .11500,.00032,.27837, .11465, .11528, .11507
Mg2790,ppm, 742.24,2.7855,.37528, 739.63, 741.92, 745.17
Mn2576,ppm, .01288,.00003,.21665, .01286, .01286, .01291
Mo2020,ppm, .00666,.00031,4.6003, .00645, .00651, .00701
Na5895,ppm, 2879.6,41.442,1.4391, 2890.9, 2914.3, 2833.7
Ni2316,ppm, -.00500,.00015,3.0517, -.00518, -.00491, -.00491
Pb2203,ppm, .00095,.00095,100.55, .00057, .00204, .00024
Sb2068,ppm, -.00066,.00057,86.737, -.00097, -.00100, .00000
Se1960,ppm, .00110,.00237,215.27, -.00102, .00366, .00067
Sn1899,ppm, -.00126,.00045,35.448, -.00092, -.00176, -.00108
Sr4077,ppm, 3.9751,.02625,.66043, 3.9972, 3.9461, 3.9820
Ti3349,ppm, .01141,.00058,5.1160, .01208, .01107, .01107
Tl1908,ppm, -.00046,.00010,21.302, -.00041, -.00039, -.00057
V_2924,ppm, .00280,.00063,22.462, .00321, .00208, .00312
Zn2138,ppm, -.02512,.00017,.67168, -.02496, -.02512, -.02529

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 564.78,1.0822,.19162,565.74,563.60,564.99
Y_2243,Cts/S, 3459.3,2.2784,.06586,3461.7,3457.2,3458.8
Y_3710,Cts/S, 63816.,273.95,.42929,63567.,63772.,64109.
Y_3710-2,Cts/S, 7763.6,71.027,.91487,7842.1,7744.9,7703.8

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Username=admin
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Custom ID1=
Custom ID2=
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Run Time=9/7/2010 7:02:11
Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .22719,.00120,.52865, .22610, .22699, .22848,Chk Pass,,
Al3961,ppm, 36.236,.05995,.16544, 36.231, 36.179, 36.299,Chk Pass,,
As1890,ppm, 2.0119,.00954,.47439, 2.0082, 2.0047, 2.0227,Chk Pass,,
B_2089,ppm, 2.0071,.00851,.42418, 2.0010, 2.0034, 2.0168,Chk Pass,,
Ba4554,ppm, 1.9245,.00219,.11379, 1.9256, 1.9220, 1.9260,Chk Pass,,
Be3130,ppm, 2.0667,.00507,.24551, 2.0725, 2.0634, 2.0641,Chk Pass,,
Ca3179,ppm, 39.042,.02979,.07630, 39.053, 39.008, 39.064,Chk Pass,,
Cd2288,ppm, 1.9819,.00752,.37926, 1.9798, 1.9757, 1.9903,Chk Pass,,
Co2286,ppm, 1.9857,.00977,.49194, 1.9809, 1.9792, 1.9969,Chk Pass,,
Cr2677,ppm, 2.0714,.00072,.03459, 2.0711, 2.0710, 2.0723,Chk Pass,,
Cu3247,ppm, 1.8280,.00968,.52973, 1.8189, 1.8268, 1.8382,Chk Pass,,
Fe2599,ppm, 36.954,.02862,.07744, 36.935, 36.940, 36.987,Chk Pass,,
K_7664,ppm, 37.240,.04714,.12659, 37.262, 37.186, 37.273,Chk Pass,,
Li6707,ppm, 1.8829,.00136,.07202, 1.8841, 1.8814, 1.8833,Chk Pass,,
Mg2790,ppm, 38.791,.02440,.06289, 38.801, 38.808, 38.763,Chk Pass,,
Mn2576,ppm, 1.9225,.01143,.59432, 1.9122, 1.9207, 1.9348,Chk Pass,,
Mo2020,ppm, 1.9406,.01021,.52638, 1.9346, 1.9348, 1.9524,Chk Pass,,
Na5895,ppm, 38.666,.15078,.38996, 38.788, 38.713, 38.497,Chk Pass,,
Ni2316,ppm, 2.0020,.01003,.50109, 1.9924, 2.0011, 2.0124,Chk Pass,,
Pb2203,ppm, 1.9788,.01209,.61122, 1.9701, 1.9737, 1.9926,Chk Pass,,
Sb2068,ppm, 1.9645,.00619,.31488, 1.9613, 1.9606, 1.9717,Chk Pass,,
Se1960,ppm, 1.9992,.01331,.66591, 1.9934, 1.9897, 2.0144,Chk Pass,,
Sn1899,ppm, 2.0136,.01007,.49987, 2.0097, 2.0061, 2.0250,Chk Pass,,
Sr4077,ppm, 1.8349,.00104,.05681, 1.8354, 1.8337, 1.8355,Chk Pass,,
Ti3349,ppm, 1.9297,.00489,.25325, 1.9254, 1.9287, 1.9350,Chk Pass,,
Tl1908,ppm, 2.0009,.01143,.57147, 1.9904, 1.9992, 2.0131,Chk Pass,,
V_2924,ppm, 1.9210,.00847,.44111, 1.9117, 1.9232, 1.9282,Chk Pass,,
Zn2138,ppm, 2.0094,.00821,.40842, 2.0054, 2.0039, 2.0188,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 777.65,3.5027,.45042,780.45,778.78,773.72
Y_2243,Cts/S, 4405.4,18.642,.42316,4407.6,4422.9,4385.8
Y_3710,Cts/S, 85679.,519.06,.60582,86257.,85528.,85252.
Y_3710-2,Cts/S, 8894.6,31.615,.35544,8915.2,8910.5,8858.2

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Sample Type=QC
Mode=CONC
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00074,.00036,48.823, .00063, .00045, .00115,Chk Pass,,
Al3961,ppm, .04224,.00727,17.210, .04191, .04967, .03515,Chk Pass,,
As1890,ppm, .00263,.00112,42.762, .00195, .00392, .00201,Chk Pass,,
B_2089,ppm, .00777,.00047,6.0016, .00751, .00831, .00749,Chk Pass,,
Ba4554,ppm, .00189,.00031,16.235, .00154, .00203, .00210,Chk Pass,,
Be3130,ppm, .00214,.00014,6.5405, .00198, .00219, .00225,Chk Pass,,
Ca3179,ppm, .04900,.00088,1.7881, .05001, .04845, .04853,Chk Pass,,
Cd2288,ppm, .00234,.00019,8.2509, .00219, .00256, .00227,Chk Pass,,
Co2286,ppm, .00229,.00016,7.0988, .00224, .00247, .00216,Chk Pass,,
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Cr2677,ppm, .00246,.00027,11.173, .00219, .00245, .00274,Chk Pass,,
Cu3247,ppm, .00316,.00012,3.8809, .00305, .00329, .00313,Chk Pass,,
Fe2599,ppm, .03711,.00085,2.2946, .03807, .03680, .03645,Chk Pass,,
K_7664,ppm, .08605,.02356,27.379, .10537, .09297, .05980,Chk Pass,,
Li6707,ppm, .00323,.00074,23.052, .00354, .00377, .00238,Chk Pass,,
Mg2790,ppm, .06478,.00832,12.840, .07437, .05949, .06050,Chk Pass,,
Mn2576,ppm, .00209,.00010,4.8931, .00197, .00216, .00214,Chk Pass,,
Mo2020,ppm, .00254,.00015,5.7341, .00239, .00268, .00255,Chk Pass,,
Na5895,ppm, .99189,.01968,1.9840, 1.0113, .99240, .97195,Chk Pass,,
Ni2316,ppm, .00228,.00003,1.4454, .00224, .00229, .00231,Chk Pass,,
Pb2203,ppm, .00162,.00118,72.719, .00251, .00206, .00028,Chk Pass,,
Sb2068,ppm, .00257,.00042,16.452, .00288, .00209, .00274,Chk Pass,,
Se1960,ppm, .00358,.00156,43.499, .00260, .00277, .00537,Chk Pass,,
Sn1899,ppm, .00245,.00022,9.0812, .00219, .00260, .00255,Chk Pass,,
Sr4077,ppm, .00198,.00003,1.3339, .00201, .00196, .00197,Chk Pass,,
Ti3349,ppm, .00182,.00012,6.7825, .00180, .00170, .00195,Chk Pass,,
Tl1908,ppm, .00269,.00067,25.032, .00267, .00337, .00203,Chk Pass,,
V_2924,ppm, .00189,.00019,10.269, .00211, .00182, .00174,Chk Pass,,
Zn2138,ppm, .00221,.00012,5.3521, .00208, .00230, .00226,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 881.35,4.1440,.47019,884.35,883.08,876.62
Y_2243,Cts/S, 4598.5,14.652,.31863,4606.4,4607.5,4581.6
Y_3710,Cts/S, 88219.,240.95,.27313,88290.,88416.,87950.
Y_3710-2,Cts/S, 8864.7,19.884,.22431,8871.2,8880.4,8842.3

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Sample Type=Unk
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00012,.00042,347.91, -.00028, .00009, .00055
Al3961,ppm, .08915,.00578,6.4823, .08969, .08312, .09464
As1890,ppm, .00187,.00135,71.858, .00137, .00340, .00085
B_2089,ppm, 3.1488,.00865,.27463, 3.1421, 3.1457, 3.1585
Ba4554,ppm, .03133,.00027,.85879, .03103, .03154, .03141
Be3130,ppm, -.00001,.00002,289.96, -.00003, .00002, -.00001
Ca3179,ppm, 278.16,1.7376,.62467, 279.35, 276.17, 278.96
Cd2288,ppm, .00020,.00022,112.30, .00039, -.00005, .00025
Co2286,ppm, -.00024,.00020,86.401, -.00046, -.00006, -.00019
Cr2677,ppm, .00110,.00013,11.427, .00123, .00108, .00098
Cu3247,ppm, .00227,.00016,7.2455, .00239, .00235, .00208
Fe2599,ppm, .04795,.00079,1.6401, .04712, .04804, .04868
K_7664,ppm, 280.98,.40449,.14396, 281.39, 280.58, 280.97
Li6707,ppm, .15908,.00032,.19816, .15944, .15885, .15896
Mg2790,ppm, 923.70,2.5690,.27812, 926.58, 921.65, 922.86
Mn2576,ppm, .00480,.00002,.41695, .00478, .00479, .00482
Mo2020,ppm, .00790,.00009,1.1303, .00782, .00799, .00788
Na5895,ppm,^ *****,-----,-----,^ -----,^ -----,^ -----
Ni2316,ppm, -.00641,.00013,2.0028, -.00644, -.00652, -.00627
Pb2203,ppm, -.00130,.00053,41.096, -.00161, -.00160, -.00068
Sb2068,ppm, -.00023,.00104,453.54, .00075, -.00132, -.00012
Se1960,ppm, .00200,.00382,190.95, .00149, -.00154, .00606
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NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

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[Sample Header]
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Custom ID2=
Custom ID3=
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Sample Type=Cal
Mode=IR
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,Cts/S, -.00132,.00008,6.3099,  -.00130,  -.00141,  -.00125
Al3961,Cts/S, -.00354,.00038,10.697,  -.00317,  -.00392,  -.00352
As1890,Cts/S, -.00011,.00010,89.309,  -.00010,  -.00021,  -.00002
B_2089,Cts/S, .00211,.00030,14.285,  .00180,  .00240,  .00212
Ba4554,Cts/S, .00383,.00123,32.014,  .00428,  .00244,  .00477
Be3130,Cts/S, .00007,.00002,30.617,  .00008,  .00009,  .00005
Ca3179,Cts/S, .00672,.00025,3.7240,  .00673,  .00697,  .00647
Cd2288,Cts/S, .00023,.00019,83.031,  .00033,  .00035,  .00001
Co2286,Cts/S, .00031,.00021,66.338,  .00052,  .00031,  .00010
Cr2677,Cts/S, .00009,.00007,83.669,  .00008,  .00002,  .00017
Cu3247,Cts/S, .00039,.00008,19.353,  .00046,  .00031,  .00041
Fe2599,Cts/S, -.00008,.00044,561.25,  .00018,  .00017,  -.00059
K_7664,Cts/S, -.00736,.00157,21.399,  -.00830,  -.00824,  -.00554
Li6707,Cts/S, .00140,.00084,60.007,  .00205,  .00045,  .00170
Mg2790,Cts/S, .00024,.00015,64.070,  .00012,  .00042,  .00018
Mn2576,Cts/S, .00007,.00004,54.526,  .00003,  .00006,  .00011
Mo2020,Cts/S, .00033,.00009,26.003,  .00037,  .00039,  .00023
Na5895,Cts/S, .00026,.00155,597.82,  .00201,  -.00092,  -.00032
Ni2316,Cts/S, -.00100,.00058,57.774,  -.00060,  -.00074,  -.00167
Pb2203,Cts/S, .00226,.00119,52.785,  .00281,  .00307,  .00089
Sb2068,Cts/S, .00008,.00012,143.40,  -.00005,  .00012,  .00017
Se1960,Cts/S, .00018,.00014,80.172,  .00013,  .00006,  .00034
Sn1899,Cts/S, -.00001,.00006,824.63,  -.00006,  .00005,  -.00001
Sr4077,Cts/S, -.00585,.00058,9.9140,  -.00531,  -.00646,  -.00579
Ti3349,Cts/S, -.00041,.00011,26.940,  -.00043,  -.00029,  -.00051
Tl1908,Cts/S, -.00135,.00059,43.554,  -.00070,  -.00151,  -.00185
V_2924,Cts/S, -.00002,.00003,150.11,  -.00001,  -.00005,  .00001
Zn2138,Cts/S, .00143,.00011,7.8561,  .00149,  .00130,  .00150

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 898.02,2.4177,.26923,898.72,900.00,895.32
Y_2243,Cts/S, 4538.4,7.0734,.15586,4531.9,4545.9,4537.3
Y_3710,Cts/S, 82046.,335.93,.40944,81744.,81987.,82408.
Y_3710-2,Cts/S, 6466.8,21.365,.33038,6491.5,6454.8,6454.2

[Sample Header]
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Page 1

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Zoom In ▶
Zoom Out

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,Cts/S, .02374,.00017,.72095,  .02391,  .02357,  .02375
Al3961,Cts/S, .03005,.01020,.34002,  3.0100,  3.0017,  2.9897
As1890,Cts/S, .19780,.00012,.06051,  .19778,  .19769,  .19793
B_2089,Cts/S, .82119,.00085,.10395,  .82025,  .82140,  .82192
Ba4554,Cts/S, 9.5173,.01558,.16371,  9.5334,  9.5160,  9.5023
Be3130,Cts/S, 10.163,.00336,.03302,  10.167,  10.160,  10.163
Ca3179,Cts/S, 9.3215,.02114,.22678,  9.3324,  9.3349,  9.2971
Cd2288,Cts/S, 1.6329,.00315,.19288,  1.6304,  1.6317,  1.6364
Co2286,Cts/S, 1.8670,.00169,.09033,  1.8689,  1.8657,  1.8664
Cr2677,Cts/S, .25045,.00033,.13293,  .25080,  .25014,  .25041
Cu3247,Cts/S, .33226,.00138,.41636,  .33385,  .33132,  .33161
Fe2599,Cts/S, 5.0736,.01963,.38681,  5.0884,  5.0810,  5.0513
K_7664,Cts/S, 2.5336,.00918,.36251,  2.5391,  2.5386,  2.5229
Li6707,Cts/S, 2.9094,.00970,.33353,  2.9150,  2.9150,  2.8982
Mg2790,Cts/S, 1.0183,.00281,.27637,  1.0190,  1.0208,  1.0153
Mn2576,Cts/S, 1.4101,.00533,.37788,  1.4162,  1.4062,  1.4080
Mo2020,Cts/S, 2.1125,.00612,.28947,  2.1081,  2.1099,  2.1195
Na5895,Cts/S, 9.7468,.02654,.27225,  9.7658,  9.7581,  9.7165
Ni2316,Cts/S, 8.4120,.03183,.37841,  8.3885,  8.3992,  8.4482
Pb2203,Cts/S, 2.8039,.00369,.13146,  2.7997,  2.8057,  2.8064
Sb2068,Cts/S, .30030,.00042,.14130,  .30054,  .29981,  .30054
Se1960,Cts/S, .16498,.00032,.19174,  .16515,  .16462,  .16517
Sn1899,Cts/S, .68711,.00250,.36320,  .68577,  .68557,  .68999
Sr4077,Cts/S, 19.189,.07593,.39572,  19.240,  19.224,  19.101
Ti3349,Cts/S, .44122,.00153,.34688,  .44298,  .44028,  .44039
Tl1908,Cts/S, 2.3980,.01538,.64121,  2.3884,  2.3899,  2.4157
V_2924,Cts/S, .27573,.00042,.15053,  .27604,  .27526,  .27590
Zn2138,Cts/S, 5.5284,.00755,.13665,  5.5237,  5.5243,  5.5371

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 786.87,3.6203,.46008,789.90,787.87,782.86
Y_2243,Cts/S, 4435.1,8.0597,.18173,4442.5,4436.3,4426.5
Y_3710,Cts/S, 81156.,315.29,.38851,80806.,81241.,81419.
Y_3710-2,Cts/S, 6583.2,39.916,.60634,6581.5,6624.0,6544.2

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Al3961,Cts/S, 6.1407,.02462,.40091,  6.1126,  6.1584,  6.1512
As1890,Cts/S, .39684,.00093,.23366,  .39614,  .39649,  .39789
B_2089,Cts/S, 1.6339,.00570,.34901,  1.6320,  1.6293,  1.6402
Ba4554,Cts/S, 19.197,.03714,.19346,  19.155,  19.224,  19.213
Be3130,Cts/S, 20.030,.05692,.28415,  20.014,  20.094,  19.984
Ca3179,Cts/S, 18.615,.03717,.19967,  18.572,  18.637,  18.637
Cd2288,Cts/S, 3.2825,.00798,.24306,  3.2789,  3.2770,  3.2917
Co2286,Cts/S, 3.6757,.01203,.32740,  3.6747,  3.6642,  3.6882
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Cr2677,Cts/S, .49373,.00079,.16027,  .49335,  .49464,  .49320
Cu3247,Cts/S, .67337,.00134,.19870,  .67213,  .67479,  .67320
Fe2599,Cts/S, 10.180,.02903,.28518,  10.147,  10.199,  10.195
K_7664,Cts/S, 5.2190,.01803,.34554,  5.1983,  5.2271,  5.2316
Li6707,Cts/S, 5.8740,.01709,.29090,  5.8544,  5.8860,  5.8815
Mg2790,Cts/S, 2.0287,.00456,.22470,  2.0235,  2.0320,  2.0307
Mn2576,Cts/S, 2.7953,.00952,.34063,  2.7895,  2.8063,  2.7901
Mo2020,Cts/S, 4.2161,.01342,.31826,  4.2076,  4.2092,  4.2316
Na5895,Cts/S, 19.730,.05246,.26591,  19.669,  19.755,  19.764
Ni2316,Cts/S, 17.432,.05585,.32036,  17.396,  17.404,  17.496
Pb2203,Cts/S, 5.7001,.01363,.23909,  5.6998,  5.6866,  5.7139
Sb2068,Cts/S, .60112,.00131,.21846,  .60089,  .59993,  .60253
Se1960,Cts/S, .33102,.00141,.42580,  .33008,  .33034,  .33264
Sn1899,Cts/S, 1.3496,.00363,.26923,  1.3474,  1.3476,  1.3538
Sr4077,Cts/S, 38.651,.13790,.35678,  38.492,  38.733,  38.728
Ti3349,Cts/S, .88449,.00190,.21538,  .88245,  .88622,  .88480
Tl1908,Cts/S, 4.8705,.01092,.22423,  4.8643,  4.8641,  4.8831
V_2924,Cts/S, .54685,.00108,.19816,  .54676,  .54798,  .54582
Zn2138,Cts/S, 11.066,.03384,.30584,  11.051,  11.041,  11.104

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 713.65,1.4622,.20488,714.28,714.70,711.98
Y_2243,Cts/S, 4229.9,9.8422,.23268,4230.1,4239.6,4219.9
Y_3710,Cts/S, 77157.,300.98,.39008,77350.,76810.,77312.
Y_3710-2,Cts/S, 6415.0,5.8269,.09083,6410.8,6421.7,6412.5

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Al3961,ppm, 5.2457,.01018,.19414, 5.2473, 5.2550, 5.2348,Chk Pass,,
As1890,ppm, 2.9613,.00792,.26732, 2.9614, 2.9534, 2.9692,Chk Pass,,
B_2089,ppm, 3.0064,.00782,.26026, 3.0075, 2.9981, 3.0136,Chk Pass,,
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Ca3179,ppm, 5.1766,.03139,.60647, 5.1713, 5.2103, 5.1482,Chk Pass,,
Cd2288,ppm, 2.9918,.00984,.32894, 2.9901, 2.9829, 3.0024,Chk Pass,,
Co2286,ppm, 3.1328,.00937,.29908, 3.1305, 3.1249, 3.1432,Chk Pass,,
Cr2677,ppm, 3.0450,.01936,.63590, 3.0234, 3.0511, 3.0607,Chk Pass,,
Cu3247,ppm, 3.1041,.02159,.69559, 3.0793, 3.1143, 3.1187,Chk Pass,,
Fe2599,ppm, 5.2007,.02178,.41883, 5.2095, 5.2168, 5.1759,Chk Pass,,
K_7664,ppm, 4.9656,.06431,1.2952, 4.9558, 5.0343, 4.9068,Chk Pass,,
Li6707,ppm, 3.0146,.01474,.48896, 3.0171, 3.0280, 2.9988,Chk Pass,,
Mg2790,ppm, 5.1824,.00772,.14902, 5.1736, 5.1879, 5.1857,Chk Pass,,
Mn2576,ppm, 3.0823,.02150,.69745, 3.0590, 3.0865, 3.1014,Chk Pass,,
Mo2020,ppm, 2.9663,.00707,.23821, 2.9647, 2.9602, 2.9741,Chk Pass,,
Na5895,ppm, 5.0983,.02902,.56926, 5.0995, 5.1267, 5.0687,Chk Pass,,
Ni2316,ppm, 2.8978,.00996,.34378, 2.8896, 2.9089, 2.8948,Chk Pass,,
Pb2203,ppm, 2.9098,.01360,.46747, 2.8948, 2.9214, 2.9132,Chk Pass,,
Sb2068,ppm, 2.9744,.00959,.32244, 2.9690, 2.9688, 2.9855,Chk Pass,,
Se1960,ppm, 2.9717,.01032,.34735, 2.9735, 2.9606, 2.9810,Chk Pass,,
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Sn1899,ppm, 3.0634,.01014,.33087, 3.0641, 3.0530, 3.0732,Chk Pass,,
Sr4077,ppm, 3.0573,.01773,.58007, 3.0665, 3.0687, 3.0369,Chk Pass,,
Ti3349,ppm, 2.9591,.01876,.63395, 2.9376, 2.9674, 2.9723,Chk Pass,,
Tl1908,ppm, 2.9752,.00640,.21520, 2.9678, 2.9793, 2.9785,Chk Pass,,
V_2924,ppm, 2.9737,.02047,.68836, 2.9509, 2.9796, 2.9906,Chk Pass,,
Zn2138,ppm, 2.9960,.00920,.30712, 2.9932, 2.9885, 3.0063,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 844.75,1.9381,.22943,845.32,842.59,846.34
Y_2243,Cts/S, 4530.5,11.826,.26103,4524.2,4544.2,4523.2
Y_3710,Cts/S, 82480.,450.60,.54632,82860.,82598.,81982.
Y_3710-2,Cts/S, 6542.3,6.1842,.09453,6543.5,6535.6,6547.8

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[Results]
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Ba4554,ppm, .00001,.00029,2700.6, .00004, -.00029, .00028,Chk Pass,,
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Ca3179,ppm, .00072,.00053,73.066, .00127, .00021, .00069,Chk Pass,,
Cd2288,ppm, .00019,.00010,51.377, .00014, .00021, .00013,Chk Pass,,
Co2286,ppm, .00012,.00019,159.26, .00033, .00008, -.00005,Chk Pass,,
Cr2677,ppm, .00011,.00050,438.65, -.00007, -.00027, .00068,Chk Pass,,
Cu3247,ppm, .00054,.00020,36.726, .00076, .00046, .00040,Chk Pass,,
Fe2599,ppm, .00102,.00185,180.36, .00019, .00314, -.00026,Chk Pass,,
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Mg2790,ppm, -.00295,.01607,544.69, -.01809, -.00466, .01391,Chk Pass,,
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Pb2203,ppm, .00096,.00067,69.548, .00114, .00022, .00153,Chk Pass,,
Sb2068,ppm, -.00039,.00095,241.60, .00003, .00027, -.00148,Chk Pass,,
Se1960,ppm, .00133,.00246,184.99, .00347, -.00136, .00187,Chk Pass,,
Sn1899,ppm, .00023,.00011,48.261, .00011, .00033, .00023,Chk Pass,,
Sr4077,ppm, .00022,.00007,32.029, .00021, .00016, .00030,Chk Pass,,
Ti3349,ppm, .00026,.00014,55.208, .00039, .00011, .00027,Chk Pass,,
Tl1908,ppm, .00160,.00025,15.948, .00148, .00189, .00142,Chk Pass,,
V_2924,ppm, -.00016,.00028,176.50, -.00023, .00015, -.00041,Chk Pass,,
Zn2138,ppm, .00017,.00007,42.411, .00025, .00013, .00012,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 899.50,5.7457,.63876,905.77,898.26,894.48
Y_2243,Cts/S, 4553.5,24.400,.53586,4578.6,4552.1,4529.8
Y_3710,Cts/S, 83482.,219.44,.26285,83440.,83720.,83287.
Y_3710-2,Cts/S, 6591.3,21.978,.33344,6613.1,6569.2,6591.7
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Ba4554,ppm, .21138,.00051,.23999, .21192, .21132, .21091,Chk Pass,,
Be3130,ppm, .00499,.00005,1.0556, .00495, .00496, .00505,Chk Pass,,
Ca3179,ppm, 5.1310,.02410,.46974, 5.1514, 5.1372, 5.1044,Chk Pass,,
Cd2288,ppm, .00386,.00011,2.9187, .00398, .00384, .00376,Chk Pass,,
Co2286,ppm, .05140,.00027,.53375, .05111, .05165, .05143,Chk Pass,,
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Sb2068,ppm, .00579,.00125,21.611, .00440, .00682, .00617,Chk Pass,,
Se1960,ppm, .00640,.00103,16.094, .00535, .00741, .00643,Chk Pass,,
Sn1899,ppm, .02037,.00037,1.8163, .02006, .02026, .02078,Chk Pass,,
Sr4077,ppm, .02046,.00016,.78397, .02061, .02046, .02029,Chk Pass,,
Ti3349,ppm, .02042,.00022,1.0565, .02046, .02019, .02062,Chk Pass,,
Tl1908,ppm, .01058,.00050,4.7204, .01114, .01019, .01042,Chk Pass,,
V_2924,ppm, .04998,.00046,.91862, .04965, .04979, .05050,Chk Pass,,
Zn2138,ppm, .02208,.00011,.51134, .02203, .02200, .02221,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 875.41,4.7876,.54690,873.25,880.90,872.08
Y_2243,Cts/S, 4503.2,17.280,.38373,4484.2,4518.0,4507.2
Y_3710,Cts/S, 80934.,1014.6,1.2536,81783.,81208.,79810.
Y_3710-2,Cts/S, 6438.3,20.465,.31787,6416.2,6456.5,6442.1

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Zoom In
Zoom Out

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Repeats=3

[Results]
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B_2089,ppm, -.00724,.00034,4.7239, -.00685, -.00748, -.00738,Chk Pass,,
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Cd2288,ppm, -.00235,.00026,11.280, -.00259, -.00206, -.00239,Chk Pass,,
Co2286,ppm, -.00957,.00047,4.8893, -.01007, -.00951, -.00913,Chk Pass,,
Cr2677,ppm, .00532,.00025,4.6482, .00504, .00540, .00552,Chk Pass,,
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Li6707,ppm, .00472,.00054,11.356, .00464, .00423, .00530,Chk Pass,,
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Sb2068,ppm, .00219,.00280,127.76, .00526, -.00023, .00155,Chk Pass,,
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Sr4077,ppm, .00432,.00009,2.1196, .00430, .00424, .00442,Chk Pass,,
Ti3349,ppm, .00401,.00030,7.3762, .00408, .00368, .00426,Chk Pass,,
Tl1908,ppm, -.00154,.00152,98.731, -.00323, -.00109, -.00029,Chk Pass,,
V_2924,ppm, -.00857,.00049,5.7476, -.00858, -.00807, -.00906,Chk Pass,,
Zn2138,ppm, -.02338,.00023,.99625, -.02365, -.02324, -.02326,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 639.73,3.7354,.58391,642.49,641.21,635.47
Y_2243,Cts/S, 4071.4,17.618,.43273,4082.1,4081.1,4051.1
Y_3710,Cts/S, 74330.,258.34,.34755,74373.,74565.,74053.
Y_3710-2,Cts/S, 6384.5,24.658,.38622,6359.5,6408.8,6385.2

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:27:08
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, 1.0838,.00206,.19051, 1.0814, 1.0847, 1.0852,Chk Pass,,
Al3961,ppm, 529.30,7.1859,1.3576, 532.04, 534.72, 521.15,Chk Pass,,
As1890,ppm, 1.0127,.00608,.60009, 1.0060, 1.0141, 1.0179,Chk Pass,,
B_2089,ppm, .01284,.00118,9.2212, .01148, .01341, .01364,None,,
Ba4554,ppm, .54464,.00164,.30157, .54356, .54653, .54383,Chk Pass,,
Be3130,ppm, .53350,.00034,.06409, .53389, .53324, .53338,Chk Pass,,
Ca3179,ppm, 392.84,1.3289,.33828, 391.32, 393.41, 393.78,Chk Pass,,
Cd2288,ppm, 1.0526,.00546,.51910, 1.0471, 1.0526, 1.0580,Chk Pass,,
Co2286,ppm, .46302,.00173,.37466, .46122, .46315, .46469,Chk Pass,,
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Cr2677,ppm, .51349,.00058,.11234, .51415, .51323, .51308,Chk Pass,,
Cu3247,ppm, .51702,.00097,.18748, .51628, .51812, .51666,Chk Pass,,
Fe2599,ppm, 201.63,.94858,.47046, 201.74, 202.52, 200.63,Chk Pass,,
K_7664,ppm, -.00250,.01856,743.62, .00956, -.02387, .00682,None,,
Li6707,ppm, .00435,.00040,9.2457, .00480, .00406, .00417,None,,
Mg2790,ppm, 522.11,2.4272,.46489, 522.77, 524.13, 519.42,Chk Pass,,
Mn2576,ppm, .50784,.00048,.09514, .50782, .50737, .50833,Chk Pass,,
Mo2020,ppm, .48680,.00278,.57146, .48390, .48704, .48945,Chk Pass,,
Na5895,ppm, .05746,.00141,2.4492, .05878, .05761, .05598,None,,
Ni2316,ppm, 1.0025,.00417,.41638, .99844, 1.0022, 1.0068,Chk Pass,,
Pb2203,ppm, 1.0551,.00449,.42573, 1.0505, 1.0552, 1.0595,Chk Pass,,
Sb2068,ppm, 1.0269,.00665,.64770, 1.0192, 1.0300, 1.0314,Chk Pass,,
Se1960,ppm, 1.0070,.00482,.47839, 1.0034, 1.0051, 1.0125,Chk Pass,,
Sn1899,ppm, -.00095,.00028,29.427, -.00125, -.00069, -.00092,None,,
Sr4077,ppm, .00466,.00007,1.4543, .00461, .00473, .00463,None,,
Ti3349,ppm, .00459,.00025,5.3663, .00485, .00437, .00454,None,,
Tl1908,ppm, 1.0526,.00615,.58440, 1.0459, 1.0539, 1.0580,Chk Pass,,
V_2924,ppm, .49855,.00132,.26463, .50006, .49800, .49759,Chk Pass,,
Zn2138,ppm, 1.0172,.00629,.61875, 1.0105, 1.0183, 1.0229,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 628.86,3.0798,.48975,632.07,628.56,625.93
Y_2243,Cts/S, 4027.4,18.266,.45355,4045.8,4027.0,4009.3
Y_3710,Cts/S, 72265.,238.56,.33012,72134.,72540.,72121.
Y_3710-2,Cts/S, 6153.0,21.039,.34194,6136.8,6145.5,6176.8

[Sample Header]
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SampleName=CCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:32:45
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .25121,.00100,.39798, .25227, .25107, .25028,Chk Pass,,
Al3961,ppm, 40.579,.04416,.10883, 40.624, 40.536, 40.577,Chk Pass,,
As1890,ppm, 1.9822,.00289,.14566, 1.9789, 1.9833, 1.9843,Chk Pass,,
B_2089,ppm, 1.9908,.00500,.25095, 1.9850, 1.9939, 1.9934,Chk Pass,,
Ba4554,ppm, 2.0142,.00276,.13694, 2.0168, 2.0145, 2.0113,Chk Pass,,
Be3130,ppm, 2.0158,.01354,.67158, 2.0017, 2.0287, 2.0169,Chk Pass,,
Ca3179,ppm, 40.370,.07785,.19284, 40.455, 40.303, 40.352,Chk Pass,,
Cd2288,ppm, 1.9896,.00427,.21459, 1.9856, 1.9891, 1.9941,Chk Pass,,
Co2286,ppm, 2.0111,.00567,.28193, 2.0061, 2.0100, 2.0173,Chk Pass,,
Cr2677,ppm, 2.0107,.00056,.02767, 2.0102, 2.0113, 2.0106,Chk Pass,,
Cu3247,ppm, 1.9959,.00605,.30312, 2.0029, 1.9927, 1.9921,Chk Pass,,
Fe2599,ppm, 40.572,.07968,.19638, 40.663, 40.517, 40.535,Chk Pass,,
K_7664,ppm, 40.406,.09515,.23548, 40.512, 40.379, 40.327,Chk Pass,,
Li6707,ppm, 2.0000,.00849,.42456, 2.0097, 1.9966, 1.9937,Chk Pass,,
Mg2790,ppm, 40.576,.07107,.17515, 40.631, 40.602, 40.496,Chk Pass,,
Mn2576,ppm, 2.0171,.00429,.21246, 2.0219, 2.0137, 2.0156,Chk Pass,,
Mo2020,ppm, 1.9502,.00348,.17830, 1.9471, 1.9494, 1.9540,Chk Pass,,
Na5895,ppm, 40.372,.09681,.23979, 40.483, 40.324, 40.308,Chk Pass,,
Ni2316,ppm, 1.9576,.00664,.33928, 1.9519, 1.9560, 1.9649,Chk Pass,,
Pb2203,ppm, 1.9708,.00958,.48616, 1.9611, 1.9710, 1.9803,Chk Pass,,
Sb2068,ppm, 1.9731,.00648,.32861, 1.9675, 1.9716, 1.9802,Chk Pass,,
Se1960,ppm, 2.0036,.00488,.24335, 2.0014, 2.0002, 2.0092,Chk Pass,,
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Sn1899,ppm, 2.0053,.00466,.23221, 2.0007, 2.0051, 2.0100,Chk Pass,,
Sr4077,ppm, 2.0178,.00499,.24726, 2.0235, 2.0159, 2.0140,Chk Pass,,
Ti3349,ppm, 1.9860,.00378,.19030, 1.9902, 1.9850, 1.9828,Chk Pass,,
Tl1908,ppm, 1.9884,.01044,.52506, 1.9777, 1.9888, 1.9985,Chk Pass,,
V_2924,ppm, 1.9929,.00305,.15327, 1.9959, 1.9898, 1.9930,Chk Pass,,
Zn2138,ppm, 1.9932,.00609,.30547, 1.9877, 1.9923, 1.9997,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 775.55,.96662,.12464,776.66,774.98,775.00
Y_2243,Cts/S, 4389.4,3.2142,.07323,4391.2,4385.7,4391.3
Y_3710,Cts/S, 79293.,90.923,.11467,79393.,79270.,79216.
Y_3710-2,Cts/S, 6412.1,17.965,.28017,6426.5,6392.0,6417.8

[Sample Header]
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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:38:15
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00017,.00023,135.49, .00009, -.00001, .00042,Chk Pass,,
Al3961,ppm, .00102,.00581,567.23, .00642, .00179, -.00513,Chk Pass,,
As1890,ppm, .00280,.00199,70.880, .00489, .00258, .00093,Chk Pass,,
B_2089,ppm, .00153,.00063,41.582, .00145, .00219, .00093,Chk Pass,,
Ba4554,ppm, -.00025,.00015,59.008, -.00042, -.00020, -.00014,Chk Pass,,
Be3130,ppm, .00003,.00001,20.125, .00002, .00003, .00003,Chk Pass,,
Ca3179,ppm, .00422,.00135,31.955, .00575, .00322, .00368,Chk Pass,,
Cd2288,ppm, -.00006,.00013,217.57, -.00021, .00003, .00000,Chk Pass,,
Co2286,ppm, -.00004,.00029,671.29, -.00003, -.00034, .00024,Chk Pass,,
Cr2677,ppm, .00019,.00009,49.724, .00010, .00018, .00028,Chk Pass,,
Cu3247,ppm, .00036,.00021,59.063, .00053, .00012, .00044,Chk Pass,,
Fe2599,ppm, .00495,.00115,23.315, .00627, .00440, .00417,Chk Pass,,
K_7664,ppm, .01053,.00818,77.686, .00378, .00818, .01963,Chk Pass,,
Li6707,ppm, -.00110,.00164,148.18, -.00055, .00018, -.00295,Chk Pass,,
Mg2790,ppm, .01506,.01759,116.80, -.00454, .02024, .02948,Chk Pass,,
Mn2576,ppm, -.00001,.00004,574.72, -.00002, -.00004, .00004,Chk Pass,,
Mo2020,ppm, .00010,.00005,47.913, .00015, .00006, .00009,Chk Pass,,
Na5895,ppm, .02670,.00824,30.863, .03265, .03017, .01730,Chk Pass,,
Ni2316,ppm, .00022,.00011,47.724, .00016, .00016, .00034,Chk Pass,,
Pb2203,ppm, .00048,.00055,114.77, .00074, -.00015, .00085,Chk Pass,,
Sb2068,ppm, .00109,.00100,92.108, .00225, .00055, .00048,Chk Pass,,
Se1960,ppm, .00087,.00184,212.66, .00103, -.00105, .00262,Chk Pass,,
Sn1899,ppm, .00015,.00005,29.992, .00010, .00016, .00019,Chk Pass,,
Sr4077,ppm, .00006,.00006,97.962, .00009, -.00001, .00011,Chk Pass,,
Ti3349,ppm, .00009,.00034,367.51, .00038, .00019, -.00029,Chk Pass,,
Tl1908,ppm, .00088,.00035,39.905, .00054, .00085, .00124,Chk Pass,,
V_2924,ppm, -.00031,.00031,100.69, -.00030, -.00062, .00000,Chk Pass,,
Zn2138,ppm, -.00003,.00008,245.99, .00006, -.00008, -.00009,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 899.88,2.7085,.30099,901.00,901.85,896.80
Y_2243,Cts/S, 4572.9,9.8980,.21645,4580.4,4576.6,4561.7
Y_3710,Cts/S, 83620.,301.21,.36022,83715.,83862.,83282.
Y_3710-2,Cts/S, 6598.9,23.609,.35777,6593.0,6578.8,6624.9
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[Sample Header]
Method=icapns(v494)
SampleName=T59295-1
Username=admin
Comment=RFW mp12740
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:43:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00153,.00042,27.113, -.00150, -.00113, -.00196
Al3961,ppm, .47539,.01105,2.3250, .46609, .48761, .47247
As1890,ppm, .12990,.07553,58.144, .05914, .12113, .20943
B_2089,ppm, 1.7064,.00504,.29522, 1.7122, 1.7035, 1.7035
Ba4554,ppm, .06938,.00013,.19054, .06947, .06945, .06923
Be3130,ppm, .00002,.00002,149.40, -.00001, .00002, .00004
Ca3179,ppm, 186.27,.26589,.14275, 186.44, 186.41, 185.96
Cd2288,ppm, .01260,.00794,63.022, .00445, .01303, .02031
Co2286,ppm, .00645,.00352,54.627, .00296, .00639, .01001
Cr2677,ppm, .00113,.00013,11.844, .00123, .00118, .00098
Cu3247,ppm, .00168,.00028,16.808, .00194, .00172, .00138
Fe2599,ppm, .38955,.00215,.55072, .38768, .38906, .39189
K_7664,ppm, 190.49,.3131,.17393, 190.71, 190.64, 190.11
Li6707,ppm, .18607,.00349,1.8753, .18856, .18757, .18208
Mg2790,ppm, 548.41,.73221,.13352, 548.68, 548.96, 547.58
Mn2576,ppm, .02431,.00021,.88195, .02450, .02408, .02437
Mo2020,ppm, .02358,.01121,47.540, .01255, .02323, .03496
Na5895,ppm, 3375.7,31.770,.94114, 3411.5, 3364.8, 3350.8
Ni2316,ppm, .00355,.00351,99.038, -.00002, .00365, .00701
Pb2203,ppm, .02204,.01167,52.948, .01143, .02015, .03454
Sb2068,ppm, -.01613,.01010,62.600, -.00538, -.01760, -.02541
Se1960,ppm, .14845,.07848,52.865, .07324, .14228, .22984
Sn1899,ppm, -.01851,.00941,50.823, -.00966, -.01747, -.02839
Sr4077,ppm, 3.2444,.00649,.19990, 3.2509, 3.2444, 3.2379
Ti3349,ppm, .01126,.00041,3.6758, .01174, .01104, .01101
Tl1908,ppm, -.00356,.00337,94.752, -.00709, -.00037, -.00321
V_2924,ppm, .00209,.00135,64.689, .00316, .00255, .00057
Zn2138,ppm, -.02166,.00307,14.153, -.01873, -.02140, -.02485

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 551.35,16.515,2.9954,539.14,544.76,570.14
Y_2243,Cts/S, 3244.7,15.727,.48468,3260.6,3244.6,3229.1
Y_3710,Cts/S, 59557.,771.91,1.2961,60242.,59709.,58721.
Y_3710-2,Cts/S, 5849.1,5.6553,.09669,5851.8,5842.6,5852.9

[Sample Header]
Method=icapns(v494)
SampleName=MP12740-D1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:49:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00017,.00045,271.88, -.00063, -.00014, .00027
Al3961,ppm, .54146,.00729,1.3461, .54543, .54590, .53305
As1890,ppm, .01076,.00102,9.4665, .00959, .01148, .01121
B_2089,ppm, 1.7925,.00381,.21261, 1.7906, 1.7901, 1.7969
Ba4554,ppm, .06943,.00033,.47171, .06981, .06929, .06920
Be3130,ppm, .00001,.00001,229.43, .00000, .00002, .00000
Ca3179,ppm, 181.16,3.3549,1.8519, 185.01, 178.82, 179.66
Cd2288,ppm, .00010,.00009,91.605, .00019, .00008, .00002
Co2286,ppm, -.00004,.00027,708.29, -.00028, .00025, -.00008
Cr2677,ppm, .00087,.00051,59.104, .00031, .00098, .00132
Cu3247,ppm, .00176,.00023,13.111, .00199, .00177, .00153
Fe2599,ppm, .40510,.00634,1.5655, .41227, .40024, .40279
K_7664,ppm, 182.83,3.7308,2.0406, 187.08, 180.08, 181.34
Li6707,ppm, .14906,.00623,4.1829, .15620, .14627, .14471
Mg2790,ppm, 528.21,13.985,2.6476, 544.24, 518.54, 521.84
Mn2576,ppm, .02372,.00003,.13090, .02373, .02375, .02369
Mo2020,ppm, .00537,.00022,4.0336, .00514, .00557, .00540
Na5895,ppm, 2997.7,174.88,5.8337, 3158.2, 2811.3, 3023.8
Ni2316,ppm, -.00264,.00016,5.8711, -.00282, -.00252, -.00259
Pb2203,ppm, .00155,.00012,7.6579, .00161, .00162, .00141
Sb2068,ppm, .00161,.00139,86.111, .00220, .00003, .00260
Se1960,ppm, .00259,.00189,73.219, .00040, .00371, .00365
Sn1899,ppm, -.00112,.00053,47.502, -.00171, -.00094, -.00070
Sr4077,ppm, 3.2267,.00467,.14482, 3.2286, 3.2214, 3.2302
Ti3349,ppm, .01425,.00042,2.9645, .01390, .01472, .01414
Tl1908,ppm, .00088,.00057,64.381, .00072, .00041, .00152
V_2924,ppm, .00351,.00035,10.024, .00375, .00367, .00311
Zn2138,ppm, -.01630,.00052,3.1938, -.01689, -.01592, -.01608

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 621.06,3.6138,.58188,617.70,620.59,624.88
Y_2243,Cts/S, 3746.8,18.976,.50647,3728.7,3745.1,3766.5
Y_3710,Cts/S, 67181.,352.74,.52505,66778.,67334.,67432.
Y_3710-2,Cts/S, 6378.1,455.30,7.1386,5863.9,6540.2,6730.1

[Sample Header]
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SampleName=MP12740-SD1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 13:55:12
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00077,.00319,415.34, .00234, -.00062, -.00403
Al3961,ppm, .44890,.06233,13.885, .51929, .40070, .42671
As1890,ppm, .02162,.00577,26.667, .01997, .02804, .01686
B_2089,ppm, 1.7357,.00717,.41323, 1.7335, 1.7298, 1.7436
Ba4554,ppm, .06671,.00283,4.2378, .06428, .06981, .06604
Be3130,ppm, -.00006,.00006,95.058, .00001, -.00008, -.00010
Ca3179,ppm, 182.58,1.1036,.60445, 181.77, 183.84, 182.13
Cd2288,ppm, .00028,.00091,327.90, .00016, .00124, -.00057
Co2286,ppm, -.00155,.00084,54.280, -.00226, -.00062, -.00177
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Cr2677,ppm, .00059,.00102,171.08, .00127, -.00057, .00109
Cu3247,ppm, .00276,.00269,97.579, .00305, .00529, -.00007
Fe2599,ppm, .39223,.00385,.98059, .38888, .39139, .39643
K_7664,ppm, 166.79,1.0220,.61276, 165.77, 167.81, 166.77
Li6707,ppm, .12088,.00380,3.1405, .12321, .12292, .11650
Mg2790,ppm, 520.52,3.2305,.62062, 517.61, 523.99, 519.96
Mn2576,ppm, .02465,.00040,1.6117, .02437, .02510, .02447
Mo2020,ppm, .00519,.00060,11.544, .00474, .00496, .00587
Na5895,ppm, 3795.7,18.834,.49618, 3780.0, 3816.6, 3790.6
Ni2316,ppm, -.00190,.00050,26.530, -.00132, -.00224, -.00214
Pb2203,ppm, .00421,.00260,61.685, .00714, .00220, .00329
Sb2068,ppm, -.00633,.00245,38.669, -.00723, -.00819, -.00356
Se1960,ppm, .00768,.00506,65.925, .00788, .01264, .00252
Sn1899,ppm, -.00369,.00253,68.453, -.00505, -.00526, -.00078
Sr4077,ppm, 3.0625,.01969,.64300, 3.0453, 3.0840, 3.0580
Ti3349,ppm, .01772,.00029,1.6522, .01741, .01776, .01799
Tl1908,ppm, .00404,.00382,94.593, -.00003, .00755, .00460
V_2924,ppm, .00335,.00154,45.958, .00398, .00160, .00448
Zn2138,ppm, -.00574,.00026,4.4752, -.00603, -.00557, -.00560

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 754.71,2.7337,.36222,755.67,756.84,751.63
Y_2243,Cts/S, 4333.0,21.499,.49617,4343.8,4347.1,4308.3
Y_3710,Cts/S, 77423.,254.46,.32867,77213.,77706.,77349.
Y_3710-2,Cts/S, 6890.0,30.392,.44110,6897.8,6856.5,6915.8

[Sample Header]
Method=icapns(v494)
SampleName=MP12740-S1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 14:00:58
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .45620,.00171,.37536, .45590, .45804, .45466
Al3961,ppm, 54.585,.05729,.10496, 54.520, 54.624, 54.612
As1890,ppm, .45941,.00298,.64805, .45630, .45971, .46223
B_2089,ppm, 2.7417,.01026,.37414, 2.7329, 2.7392, 2.7529
Ba4554,ppm, .49360,.00053,.10746, .49414, .49359, .49308
Be3130,ppm, .42083,.00028,.06549, .42113, .42076, .42059
Ca3179,ppm, 227.84,2.6872,1.1794, 224.74, 229.24, 229.54
Cd2288,ppm, .44646,.00129,.28983, .44602, .44545, .44792
Co2286,ppm, .37643,.00098,.25955, .37531, .37681, .37715
Cr2677,ppm, .40510,.00053,.13129, .40466, .40495, .40569
Cu3247,ppm, .42955,.00067,.15620, .42988, .42878, .42999
Fe2599,ppm, 50.297,.06788,.13496, 50.222, 50.353, 50.316
K_7664,ppm, 237.42,.56616,.23847, 236.77, 237.84, 237.63
Li6707,ppm, .59766,.00103,.17275, .59802, .59846, .59649
Mg2790,ppm, 580.58,1.1324,.19505, 579.32, 581.50, 580.93
Mn2576,ppm, .42904,.00052,.12026, .42961, .42892, .42860
Mo2020,ppm, .40043,.00100,.25087, .39961, .40012, .40155
Na5895,ppm, 3041.4,21.113,.69419, 3023.5, 3064.7, 3035.9
Ni2316,ppm, .41208,.00164,.39764, .41076, .41156, .41391
Pb2203,ppm, .41034,.00061,.14872, .41053, .40966, .41083
Sb2068,ppm, .44056,.00286,.64979, .43727, .44251, .44189
Se1960,ppm, .46279,.00455,.98235, .46437, .45766, .46633
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Sn1899,ppm, .38317,.00055,.14331, .38271, .38302, .38378
Sr4077,ppm, 3.6021,.00666,.18476, 3.5945, 3.6071, 3.6047
Ti3349,ppm, .42478,.00151,.35567, .42651, .42405, .42377
Tl1908,ppm, .39359,.00202,.51395, .39208, .39280, .39589
V_2924,ppm, .40895,.00048,.11833, .40860, .40874, .40950
Zn2138,ppm, .43814,.00165,.37598, .43685, .43758, .44000

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 587.99,1.6713,.28424,589.68,587.94,586.34
Y_2243,Cts/S, 3726.6,10.257,.27524,3738.3,3722.2,3719.3
Y_3710,Cts/S, 66749.,114.53,.17158,66746.,66636.,66865.
Y_3710-2,Cts/S, 6383.2,25.270,.39588,6403.2,6354.8,6391.6

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[Results]
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Ag3280,ppm, .43997,.00244,.55353, .44272, .43808, .43912
Al3961,ppm, 53.302,.34775,.65242, 53.571, 53.425, 52.909
As1890,ppm, .45481,.00319,.70147, .45167, .45472, .45805
B_2089,ppm, 2.6843,.01037,.38650, 2.6788, 2.6779, 2.6963
Ba4554,ppm, .48364,.00129,.26773, .48400, .48472, .48220
Be3130,ppm, .41535,.00023,.05420, .41533, .41514, .41559
Ca3179,ppm, 221.12,2.2071,.99811, 223.05, 218.71, 221.61
Cd2288,ppm, .43876,.00156,.35577, .43832, .43746, .44049
Co2286,ppm, .37410,.00116,.30975, .37336, .37350, .37543
Cr2677,ppm, .40166,.00025,.06147, .40158, .40194, .40147
Cu3247,ppm, .41915,.00126,.30031, .41993, .41770, .41982
Fe2599,ppm, 49.338,.21638,.43856, 49.438, 49.486, 49.090
K_7664,ppm, 229.22,1.1284,.49230, 230.04, 229.68, 227.93
Li6707,ppm, .56826,.00269,.47314, .56898, .57052, .56529
Mg2790,ppm, 562.10,2.6346,.46871, 563.48, 563.75, 559.06
Mn2576,ppm, .42155,.00105,.24954, .42193, .42036, .42236
Mo2020,ppm, .39415,.00246,.62437, .39353, .39206, .39686
Na5895,ppm, 2904.3,43.994,1.5148, 2945.5, 2909.5, 2857.9
Ni2316,ppm, .40646,.00237,.58201, .40520, .40498, .40918
Pb2203,ppm, .40766,.00311,.76191, .40598, .40576, .41125
Sb2068,ppm, .43498,.00495,1.1380, .43212, .43213, .44070
Se1960,ppm, .45932,.00781,1.7000, .45696, .45296, .46803
Sn1899,ppm, .37933,.00338,.89178, .37745, .37732, .38324
Sr4077,ppm, 3.4765,.01690,.48600, 3.4896, 3.4826, 3.4575
Ti3349,ppm, .41578,.00062,.14927, .41528, .41558, .41648
Tl1908,ppm, .38633,.00310,.80293, .38442, .38467, .38991
V_2924,ppm, .40308,.00042,.10430, .40327, .40260, .40337
Zn2138,ppm, .43323,.00224,.51760, .43196, .43191, .43582

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 604.55,2.5363,.41953,603.97,607.32,602.35
Y_2243,Cts/S, 3807.3,11.472,.30131,3796.6,3819.4,3805.7
Y_3710,Cts/S, 68018.,205.63,.30233,67892.,68255.,67905.
Y_3710-2,Cts/S, 6457.7,49.650,.76885,6402.3,6472.5,6498.3
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14.2

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[Results]
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Ag3280,ppm, .00002,.00022,1119.8, -.00023, .00019, .00009
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As1890,ppm, .00713,.00100,13.971, .00711, .00614, .00813
B_2089,ppm, 1.7765,.00301,.16940, 1.7733, 1.7770, 1.7792
Ba4554,ppm, .06977,.00019,.26750, .06999, .06966, .06967
Be3130,ppm, .00003,.00002,59.610, .00004, .00004, .00001
Ca3179,ppm, 180.86,.25300,.13989, 180.73, 180.70, 181.15
Cd2288,ppm, .00001,.00011,1669.1, -.00011, .00003, .00010
Co2286,ppm, .00015,.00007,42.533, .00022, .00009, .00016
Cr2677,ppm, .00122,.00025,20.741, .00137, .00093, .00136
Cu3247,ppm, .00180,.00036,20.209, .00165, .00153, .00221
Fe2599,ppm, .40216,.00423,1.0511, .40077, .39880, .40691
K_7664,ppm, 179.20,.60717,.33883, 178.54, 179.32, 179.74
Li6707,ppm, .13188,.00098,.74021, .13259, .13077, .13227
Mg2790,ppm, 527.85,1.0754,.20374, 527.11, 527.37, 529.08
Mn2576,ppm, .02547,.00010,.39916, .02553, .02535, .02552
Mo2020,ppm, .00545,.00017,3.0454, .00564, .00535, .00536
Na5895,ppm, 2803.2,10.564,.37686, 2812.8, 2804.9, 2791.9
Ni2316,ppm, -.00216,.00040,18.684, -.00233, -.00246, -.00170
Pb2203,ppm, .00135,.00025,18.611, .00147, .00152, .00106
Sb2068,ppm, -.00140,.00127,90.957, -.00283, -.00038, -.00100
Se1960,ppm, .00173,.00252,145.58, -.00034, .00453, .00100
Sn1899,ppm, -.00107,.00067,63.009, -.00163, -.00032, -.00125
Sr4077,ppm, 3.1259,.00721,.23053, 3.1176, 3.1294, 3.1306
Ti3349,ppm, .01315,.00055,4.1691, .01375, .01266, .01306
Tl1908,ppm, .00055,.00136,247.84, .00141, .00126, -.00102
V_2924,ppm, .00377,.00013,3.4228, .00376, .00365, .00391
Zn2138,ppm, -.01617,.00006,.36555, -.01610, -.01622, -.01618

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 622.65,2.6470,.42512,623.25,624.94,619.75
Y_2243,Cts/S, 3785.9,12.216,.32267,3793.1,3792.7,3771.8
Y_3710,Cts/S, 68019.,295.36,.43424,67940.,68346.,67771.
Y_3710-2,Cts/S, 6561.4,31.020,.47276,6577.7,6580.9,6525.6

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00032,.00022,67.760, -.00018, -.00022, -.00057
Al3961,ppm, .52064,.00628,1.2071, .52315, .52528, .51349
As1890,ppm, .00548,.00341,62.170, .00734, .00756, .00155
B_2089,ppm, 3.4829,.00621,.17829, 3.4781, 3.4808, 3.4899
Ba4554,ppm, .03415,.00052,1.5147, .03380, .03474, .03389
Be3130,ppm, -.00001,.00000,24.732, -.00001, -.00002, -.00001
Ca3179,ppm, 303.46,1.4458,.47645, 304.18, 304.41, 301.80
Cd2288,ppm, .00029,.00006,20.621, .00034, .00022, .00030
Co2286,ppm, .00012,.00008,65.281, .00008, .00008, .00022
Cr2677,ppm, .00084,.00025,29.142, .00082, .00110, .00061
Cu3247,ppm, .00050,.00055,110.16, .00098, -.00010, .00063
Fe2599,ppm, .38368,.00344,.89689, .38754, .38093, .38257
K_7664,ppm, 361.95,.38831,.10728, 361.50, 362.16, 362.18
Li6707,ppm, .24289,.00369,1.5201, .24560, .24439, .23869
Mg2790,ppm, 1021.9,.73253,.07168, 1022.2, 1022.5, 1021.1
Mn2576,ppm, .01864,.00003,.14263, .01863, .01862, .01867
Mo2020,ppm, .00845,.00016,1.8446, .00852, .00857, .00827
Na5895,ppm,^ *****,-----,-----,^ -----,^ -----,^ -----
Ni2316,ppm, -.00691,.00056,8.1736, -.00629, -.00702, -.00741
Pb2203,ppm, .00041,.00026,64.350, .00017, .00069, .00037
Sb2068,ppm, -.00086,.00096,112.22, -.00100, .00017, -.00174
Se1960,ppm, .00125,.00242,193.74, .00392, -.00077, .00059
Sn1899,ppm, -.00104,.00060,57.547, -.00127, -.00036, -.00148
Sr4077,ppm, 6.0383,.06744,1.1168, 6.1018, 6.0455, 5.9675
Ti3349,ppm, .01543,.00139,8.9881, .01683, .01406, .01539
Tl1908,ppm, -.00044,.00143,322.41, -.00063, .00107, -.00177
V_2924,ppm, .00144,.00040,27.799, .00100, .00178, .00154
Zn2138,ppm, -.03503,.00015,.42141, -.03488, -.03518, -.03504

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 545.25,.67750,.12425,545.96,545.18,544.61
Y_2243,Cts/S, 3404.7,3.8125,.11198,3408.1,3405.5,3400.6
Y_3710,Cts/S, 60268.,136.97,.22727,60111.,60338.,60357.
Y_3710-2,Cts/S, 6163.0,18.608,.30193,6142.3,6178.3,6168.4

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[Results]
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Ag3280,ppm, -.00052,.00014,26.988, -.00041, -.00068, -.00046
Al3961,ppm, .63512,.00612,.96435, .62898, .63515, .64123
As1890,ppm, .00564,.00052,9.2416, .00573, .00611, .00508
B_2089,ppm, 3.5787,.00984,.27493, 3.5711, 3.5751, 3.5898
Ba4554,ppm, .02518,.00023,.92066, .02508, .02501, .02544
Be3130,ppm, -.00001,.00001,115.47, -.00002, .00000, -.00001
Ca3179,ppm, 311.59,6.3971,2.0530, 312.84, 304.66, 317.27
Cd2288,ppm, .00003,.00011,382.02, .00015, .00001, -.00007
Co2286,ppm, -.00022,.00017,76.202, -.00021, -.00006, -.00039
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Cr2677,ppm, .00096,.00036,37.331, .00137, .00075, .00075
Cu3247,ppm, .00025,.00058,227.49, -.00020, .00090, .00006
Fe2599,ppm, .44696,.00507,1.1350, .44146, .44796, .45146
K_7664,ppm, 374.72,.54373,.14510, 374.41, 374.40, 375.35
Li6707,ppm, .21596,.00056,.26120, .21635, .21622, .21531
Mg2790,ppm, 1044.7,1.9376,.18546, 1043.1, 1044.3, 1046.9
Mn2576,ppm, .02664,.00009,.32524, .02663, .02656, .02674
Mo2020,ppm, .00851,.00017,2.0019, .00842, .00840, .00871
Na5895,ppm,^ *****,-----,-----, 3873.8, 3812.4,^ -----
Ni2316,ppm, -.00698,.00063,9.0579, -.00765, -.00639, -.00692
Pb2203,ppm, .00055,.00122,221.26, .00034, .00187, -.00055
Sb2068,ppm, -.00275,.00115,41.900, -.00352, -.00143, -.00331
Se1960,ppm, .00164,.00277,168.54, -.00118, .00175, .00435
Sn1899,ppm, -.00114,.00035,30.387, -.00079, -.00115, -.00148
Sr4077,ppm, 6.2088,.03040,.48969, 6.1876, 6.2436, 6.1952
Ti3349,ppm, .01638,.00094,5.7413, .01649, .01538, .01725
Tl1908,ppm, -.00067,.00098,147.08, -.00010, -.00181, -.00010
V_2924,ppm, .00182,.00019,10.373, .00187, .00162, .00199
Zn2138,ppm, -.03582,.00011,.30026, -.03570, -.03591, -.03586

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 541.86,1.0846,.20016,540.62,542.58,542.40
Y_2243,Cts/S, 3384.2,6.1875,.18284,3380.7,3391.3,3380.5
Y_3710,Cts/S, 60227.,313.81,.52104,59866.,60376.,60439.
Y_3710-2,Cts/S, 6094.1,32.030,.52558,6115.4,6109.7,6057.3

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Ag3280,ppm, .00041,.00041,100.36, .00072, -.00006, .00056
Al3961,ppm, .02841,.00657,23.116, .03025, .02112, .03386
As1890,ppm, .00135,.00029,21.627, .00101, .00149, .00154
B_2089,ppm, .00800,.00020,2.5320, .00817, .00777, .00805
Ba4554,ppm, -.00007,.00014,202.22, -.00005, .00006, -.00023
Be3130,ppm, -.00001,.00001,69.929, .00000, -.00001, -.00002
Ca3179,ppm, .11191,.00281,2.5113, .11346, .11360, .10867
Cd2288,ppm, -.00004,.00015,406.18, .00014, -.00013, -.00011
Co2286,ppm, -.00012,.00010,82.000, -.00006, -.00024, -.00007
Cr2677,ppm, -.00006,.00017,286.78, -.00025, .00000, .00008
Cu3247,ppm, .00093,.00037,39.416, .00132, .00059, .00089
Fe2599,ppm, .00592,.00033,5.6483, .00631, .00575, .00571
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Mg2790,ppm, .07417,.00411,5.5412, .07559, .06954, .07738
Mn2576,ppm, .00071,.00007,9.3078, .00069, .00079, .00066
Mo2020,ppm, -.00010,.00010,99.040, .00001, -.00019, -.00012
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Ni2316,ppm, .00041,.00004,9.3206, .00037, .00045, .00041
Pb2203,ppm, -.00015,.00037,245.45, -.00036, -.00036, .00028
Sb2068,ppm, -.00092,.00183,198.62, .00055, -.00297, -.00035
Se1960,ppm, .00023,.00057,244.60, .00062, .00050, -.00042
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Sn1899,ppm, .00016,.00039,248.02, .00011, -.00021, .00057
Sr4077,ppm, .00075,.00002,2.7609, .00077, .00073, .00075
Ti3349,ppm, .00023,.00020,87.399, .00020, .00045, .00005
Tl1908,ppm, .00024,.00092,388.20, .00126, -.00005, -.00051
V_2924,ppm, .00004,.00017,459.81, .00020, -.00013, .00004
Zn2138,ppm, .00156,.00003,2.1448, .00159, .00153, .00156

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 956.96,2.5169,.26302,959.50,956.91,954.46
Y_2243,Cts/S, 4901.3,8.0549,.16434,4901.9,4909.0,4892.9
Y_3710,Cts/S, 90820.,787.41,.86701,90087.,90720.,91652.
Y_3710-2,Cts/S, 7331.6,19.398,.26458,7352.6,7314.4,7328.0

[Sample Header]
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As1890,ppm, .00515,.00093,17.991, .00457, .00622, .00466
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Ba4554,ppm, .05486,.00050,.91063, .05436, .05487, .05536
Be3130,ppm, .00001,.00002,131.96, .00002, -.00001, .00003
Ca3179,ppm, 232.34,3.0327,1.3053, 228.84, 234.17, 234.01
Cd2288,ppm, .00023,.00007,33.147, .00023, .00030, .00015
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Mo2020,ppm, .00681,.00009,1.3391, .00674, .00692, .00677
Na5895,ppm, 3321.6,48.785,1.4687, 3373.0, 3316.0, 3275.9
Ni2316,ppm, -.00382,.00043,11.167, -.00349, -.00366, -.00430
Pb2203,ppm, .00033,.00076,233.02, -.00039, .00025, .00113
Sb2068,ppm, -.00060,.00163,273.21, -.00085, -.00209, .00115
Se1960,ppm, .00144,.00242,167.98, .00309, -.00134, .00257
Sn1899,ppm, -.00104,.00036,34.773, -.00136, -.00111, -.00065
Sr4077,ppm, 4.2837,.03464,.80856, 4.3141, 4.2460, 4.2909
Ti3349,ppm, .00975,.00050,5.0879, .00928, .00970, .01027
Tl1908,ppm, .00008,.00017,211.36, .00022, -.00011, .00013
V_2924,ppm, .00282,.00045,16.064, .00307, .00310, .00230
Zn2138,ppm, -.02461,.00014,.55830, -.02447, -.02474, -.02462

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 583.68,2.5718,.44062,586.65,582.38,582.03
Y_2243,Cts/S, 3605.3,11.755,.32605,3618.6,3600.6,3596.5
Y_3710,Cts/S, 63987.,263.29,.41148,64285.,63894.,63783.
Y_3710-2,Cts/S, 6344.2,31.199,.49177,6379.3,6333.3,6319.9
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Al3961,ppm, 40.870,.44930,1.0993, 40.418, 40.876, 41.317,Chk Pass,,
As1890,ppm, 1.9906,.00692,.34774, 1.9899, 1.9841, 1.9979,Chk Pass,,
B_2089,ppm, 1.9955,.00782,.39180, 1.9892, 1.9932, 2.0043,Chk Pass,,
Ba4554,ppm, 2.0444,.01362,.66645, 2.0303, 2.0452, 2.0575,Chk Pass,,
Be3130,ppm, 1.9761,.00495,.25033, 1.9814, 1.9754, 1.9715,Chk Pass,,
Ca3179,ppm, 40.079,.35926,.89637, 39.709, 40.101, 40.427,Chk Pass,,
Cd2288,ppm, 1.9908,.00563,.28300, 1.9857, 1.9898, 1.9968,Chk Pass,,
Co2286,ppm, 1.9774,.00579,.29261, 1.9731, 1.9751, 1.9840,Chk Pass,,
Cr2677,ppm, 1.9689,.00174,.08861, 1.9670, 1.9705, 1.9690,Chk Pass,,
Cu3247,ppm, 2.0145,.00738,.36658, 2.0062, 2.0170, 2.0204,Chk Pass,,
Fe2599,ppm, 40.648,.40319,.99192, 40.242, 40.652, 41.049,Chk Pass,,
K_7664,ppm, 40.751,.37011,.90823, 40.367, 40.779, 41.106,Chk Pass,,
Li6707,ppm, 2.0067,.01652,.82309, 1.9896, 2.0078, 2.0226,Chk Pass,,
Mg2790,ppm, 39.942,.38862,.97294, 39.570, 39.912, 40.345,Chk Pass,,
Mn2576,ppm, 1.9963,.00673,.33695, 1.9887, 2.0016, 1.9986,Chk Pass,,
Mo2020,ppm, 1.9608,.00582,.29699, 1.9572, 1.9577, 1.9676,Chk Pass,,
Na5895,ppm, 42.233,.31521,.74636, 41.917, 42.236, 42.548,Chk Pass,,
Ni2316,ppm, 1.9448,.00934,.48049, 1.9426, 1.9368, 1.9551,Chk Pass,,
Pb2203,ppm, 1.9267,.00864,.44830, 1.9251, 1.9189, 1.9360,Chk Pass,,
Sb2068,ppm, 1.9866,.00595,.29943, 1.9811, 1.9859, 1.9929,Chk Pass,,
Se1960,ppm, 2.0096,.01012,.50333, 2.0085, 2.0001, 2.0203,Chk Pass,,
Sn1899,ppm, 1.9960,.00595,.29805, 1.9916, 1.9935, 2.0027,Chk Pass,,
Sr4077,ppm, 2.0494,.02052,1.0011, 2.0286, 2.0501, 2.0696,Chk Pass,,
Ti3349,ppm, 1.9933,.00397,.19936, 1.9890, 1.9969, 1.9940,Chk Pass,,
Tl1908,ppm, 1.9804,.00965,.48704, 1.9772, 1.9728, 1.9912,Chk Pass,,
V_2924,ppm, 1.9640,.00499,.25418, 1.9600, 1.9696, 1.9624,Chk Pass,,
Zn2138,ppm, 1.9899,.00612,.30754, 1.9848, 1.9881, 1.9967,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 810.89,3.6321,.44792,812.06,813.79,806.81
Y_2243,Cts/S, 4619.3,12.701,.27495,4628.5,4624.6,4604.8
Y_3710,Cts/S, 83348.,153.53,.18420,83385.,83179.,83479.
Y_3710-2,Cts/S, 6945.3,80.396,1.1576,7032.4,6873.9,6929.6

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Zoom In
Zoom Out

sa090710s.icp

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00017,.00035,209.99, -.00024, .00040, .00034,Chk Pass,,
Al3961,ppm, .00467,.00522,111.78, .00779, .00757, -.00136,Chk Pass,,
As1890,ppm, .00211,.00097,45.950, .00099, .00265, .00270,Chk Pass,,
B_2089,ppm, .00383,.00018,4.8114, .00404, .00372, .00372,Chk Pass,,
Ba4554,ppm, .00012,.00022,186.13, .00037, .00002, -.00003,Chk Pass,,
Be3130,ppm, .00001,.00000,37.906, .00001, .00001, .00001,Chk Pass,,
Ca3179,ppm, .00133,.00307,230.85, .00487, -.00020, -.00067,Chk Pass,,
Cd2288,ppm, -.00011,.00011,100.70, -.00023, -.00001, -.00009,Chk Pass,,
Co2286,ppm, -.00008,.00011,142.93, -.00007, .00003, -.00019,Chk Pass,,
Cr2677,ppm, -.00020,.00011,53.527, -.00008, -.00024, -.00029,Chk Pass,,
Cu3247,ppm, .00024,.00048,198.37, .00074, .00021, -.00022,Chk Pass,,
Fe2599,ppm, .00060,.00197,330.43, -.00145, .00249, .00075,Chk Pass,,
K_7664,ppm, .15400,.01489,9.6677, .14674, .17113, .14413,Chk Pass,,
Li6707,ppm, .00053,.00168,318.54, -.00121, .00065, .00215,Chk Pass,,
Mg2790,ppm, .01992,.00845,42.405, .01215, .01870, .02891,Chk Pass,,
Mn2576,ppm, .00002,.00003,158.06, .00000, .00005, .00000,Chk Pass,,
Mo2020,ppm, .00002,.00011,739.52, -.00004, -.00006, .00015,Chk Pass,,
Na5895,ppm, 1.3975,.02243,1.6049, 1.4148, 1.4055, 1.3721,Chk Pass,,
Ni2316,ppm, .00018,.00018,97.216, .00006, .00039, .00010,Chk Pass,,
Pb2203,ppm, .00004,.00081,2045.7, -.00056, -.00028, .00096,Chk Pass,,
Sb2068,ppm, .00033,.00059,177.37, .00031, -.00024, .00093,Chk Pass,,
Se1960,ppm, .00027,.00055,200.04, .00030, .00080, -.00029,Chk Pass,,
Sn1899,ppm, -.00040,.00023,58.171, -.00013, -.00051, -.00056,Chk Pass,,
Sr4077,ppm, .00016,.00005,32.472, .00011, .00017, .00021,Chk Pass,,
Ti3349,ppm, .00008,.00014,176.14, .00023, .00005, -.00005,Chk Pass,,
Tl1908,ppm, .00050,.00075,149.80, -.00036, .00101, .00084,Chk Pass,,
V_2924,ppm, -.00014,.00019,134.04, -.00008, .00001, -.00035,Chk Pass,,
Zn2138,ppm, -.00007,.00004,59.867, -.00002, -.00009, -.00011,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 953.53,1.6981,.17809,951.59,954.75,954.25
Y_2243,Cts/S, 4865.3,7.5480,.15514,4856.8,4867.6,4871.4
Y_3710,Cts/S, 88336.,331.46,.37522,88174.,88117.,88718.
Y_3710-2,Cts/S, 7029.4,21.582,.30703,7025.5,7009.9,7052.6

[Sample Header]
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SampleName=T59296-7
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 14:52:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00017,.00029,167.28, -.00013, .00044, .00020
Al3961,ppm, .08956,.00081,.90368, .08873, .09035, .08960
As1890,ppm, .00399,.00172,43.044, .00433, .00213, .00551
B_2089,ppm, 3.1020,.00562,.18104, 3.0961, 3.1072, 3.1029
Ba4554,ppm, .03243,.00015,.47773, .03259, .03228, .03241
Be3130,ppm, .00000,.00001,164.99, .00001, .00000, .00000
Ca3179,ppm, 274.14,3.6545,1.3331, 270.20, 274.80, 277.41
Cd2288,ppm, .00012,.00021,175.91, .00030, .00018, -.00012
Co2286,ppm, -.00025,.00024,94.774, -.00043, .00002, -.00035
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Zoom In
Zoom Out

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Cr2677,ppm, .00072,.00045,62.877, .00021, .00087, .00108
Cu3247,ppm, .00068,.00048,70.793, .00102, .00013, .00089
Fe2599,ppm, .05121,.00081,1.5806, .05092, .05212, .05058
K_7664,ppm, 311.99,2.5579,.81987, 309.98, 311.13, 314.87
Li6707,ppm, .20950,.00047,.22629, .20915, .21004, .20931
Mg2790,ppm, 898.63,6.5156,.72506, 894.24, 895.52, 906.11
Mn2576,ppm, .00467,.00005,1.0811, .00467, .00463, .00473
Mo2020,ppm, .00798,.00021,2.6873, .00773, .00809, .00811
Na5895,ppm,^ *****,-----,-----,^ -----,^ -----, 3648.9
Ni2316,ppm, -.00610,.00030,4.8433, -.00593, -.00593, -.00644
Pb2203,ppm, .00097,.00145,148.32, .00117, -.00056, .00231
Sb2068,ppm, -.00174,.00190,109.13, -.00368, -.00165, .00011
Se1960,ppm, .00227,.00196,86.087, .00339, .00001, .00341
Sn1899,ppm, -.00178,.00061,34.466, -.00118, -.00240, -.00177
Sr4077,ppm, 5.2184,.05492,1.0525, 5.1585, 5.2303, 5.2664
Ti3349,ppm, .00416,.00021,5.1350, .00396, .00415, .00439
Tl1908,ppm, .00070,.00206,295.04, -.00092, .00000, .00302
V_2924,ppm, .00141,.00053,37.199, .00114, .00108, .00202
Zn2138,ppm, -.03224,.00020,.62915, -.03221, -.03205, -.03245

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 563.36,1.8487,.32816,564.41,564.44,561.23
Y_2243,Cts/S, 3490.8,14.497,.41530,3501.8,3496.2,3474.3
Y_3710,Cts/S, 62753.,199.24,.31750,62983.,62654.,62624.
Y_3710-2,Cts/S, 6356.3,43.361,.68217,6379.4,6383.2,6306.3

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Username=admin
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Custom ID2=
Custom ID3=
Run Time=9/7/2010 14:58:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00027,.00029,108.42, .00001, -.00057, -.00025
Al3961,ppm, .14981,.00223,1.4905, .14758, .15204, .14982
As1890,ppm, .00334,.00100,30.003, .00420, .00357, .00224
B_2089,ppm, 3.3264,.01012,.30429, 3.3251, 3.3170, 3.3371
Ba4554,ppm, .03181,.00010,.31088, .03170, .03190, .03183
Be3130,ppm, -.00001,.00001,109.89, .00000, -.00001, -.00002
Ca3179,ppm, 295.67,.80266,.27147, 296.53, 294.94, 295.56
Cd2288,ppm, .00020,.00029,146.38, .00000, .00006, .00053
Co2286,ppm, -.00014,.00014,97.748, -.00018, -.00025, .00001
Cr2677,ppm, .00062,.00013,21.086, .00055, .00055, .00078
Cu3247,ppm, .00013,.00055,406.66, .00050, -.00049, .00040
Fe2599,ppm, .10040,.00134,1.3319, .10189, .10003, .09929
K_7664,ppm, 350.55,.62647,.17871, 351.27, 350.21, 350.17
Li6707,ppm, .19810,.00203,1.0251, .20031, .19769, .19631
Mg2790,ppm, 987.34,3.1022,.31420, 990.77, 986.53, 984.72
Mn2576,ppm, .00470,.00010,2.1709, .00459, .00471, .00480
Mo2020,ppm, .00841,.00016,1.9008, .00823, .00854, .00844
Na5895,ppm,^ *****,-----,-----, 3743.0,^ -----, 3729.8
Ni2316,ppm, -.00673,.00035,5.2511, -.00652, -.00653, -.00714
Pb2203,ppm, .00160,.00150,93.622, .00106, .00329, .00045
Sb2068,ppm, -.00114,.00086,75.326, -.00063, -.00214, -.00066
Se1960,ppm, .00065,.00208,320.41, -.00172, .00149, .00218
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Sn1899,ppm, .00015,.00018,125.28, .00034, -.00002, .00011
Sr4077,ppm, 5.8729,.06594,1.1228, 5.9413, 5.8097, 5.8677
Ti3349,ppm, .00566,.00046,8.1037, .00521, .00613, .00564
Tl1908,ppm, -.00029,.00030,103.16, -.00037, .00004, -.00054
V_2924,ppm, .00173,.00059,33.948, .00111, .00180, .00228
Zn2138,ppm, -.03552,.00018,.51610, -.03572, -.03550, -.03535

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 545.49,2.0538,.37651,547.25,545.99,543.24
Y_2243,Cts/S, 3400.8,9.2058,.27069,3409.1,3402.6,3390.9
Y_3710,Cts/S, 60517.,155.58,.25708,60518.,60672.,60361.
Y_3710-2,Cts/S, 6109.3,10.053,.16455,6098.2,6111.9,6117.8

[Sample Header]
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Custom ID3=
Run Time=9/7/2010 15:04:42
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .25379,.00113,.44442, .25437, .25450, .25249,Chk Pass,,
Al3961,ppm, 41.033,.16496,.40202, 40.921, 40.955, 41.222,Chk Pass,,
As1890,ppm, 1.9959,.01633,.81803, 1.9852, 1.9877, 2.0147,Chk Pass,,
B_2089,ppm, 2.0256,.01082,.53399, 2.0168, 2.0222, 2.0377,Chk Pass,,
Ba4554,ppm, 2.0557,.00525,.25520, 2.0530, 2.0524, 2.0618,Chk Pass,,
Be3130,ppm, 1.9793,.00805,.40646, 1.9883, 1.9727, 1.9770,Chk Pass,,
Ca3179,ppm, 39.973,.15271,.38202, 39.868, 39.902, 40.148,Chk Pass,,
Cd2288,ppm, 1.9968,.01566,.78430, 1.9841, 1.9920, 2.0143,Chk Pass,,
Co2286,ppm, 1.9763,.01347,.68165, 1.9653, 1.9723, 1.9913,Chk Pass,,
Cr2677,ppm, 1.9585,.00317,.16171, 1.9618, 1.9583, 1.9555,Chk Pass,,
Cu3247,ppm, 1.9979,.00656,.32844, 2.0052, 1.9960, 1.9926,Chk Pass,,
Fe2599,ppm, 40.545,.16662,.41096, 40.398, 40.512, 40.726,Chk Pass,,
K_7664,ppm, 40.957,.22715,.55461, 40.748, 40.923, 41.199,Chk Pass,,
Li6707,ppm, 2.0067,.00722,.35985, 2.0000, 2.0057, 2.0143,Chk Pass,,
Mg2790,ppm, 39.823,.20111,.50501, 39.632, 39.806, 40.033,Chk Pass,,
Mn2576,ppm, 1.9769,.00595,.30092, 1.9830, 1.9767, 1.9711,Chk Pass,,
Mo2020,ppm, 1.9705,.01579,.80155, 1.9586, 1.9645, 1.9884,Chk Pass,,
Na5895,ppm, 42.905,.11850,.27620, 42.864, 42.812, 43.038,Chk Pass,,
Ni2316,ppm, 1.9395,.00913,.47059, 1.9341, 1.9344, 1.9500,Chk Pass,,
Pb2203,ppm, 1.9199,.00947,.49325, 1.9141, 1.9148, 1.9308,Chk Pass,,
Sb2068,ppm, 1.9911,.01200,.60273, 1.9840, 1.9843, 2.0049,Chk Pass,,
Se1960,ppm, 2.0189,.01140,.56473, 2.0078, 2.0182, 2.0306,Chk Pass,,
Sn1899,ppm, 2.0018,.01800,.89900, 1.9866, 1.9971, 2.0217,Chk Pass,,
Sr4077,ppm, 2.0542,.00973,.47350, 2.0470, 2.0502, 2.0652,Chk Pass,,
Ti3349,ppm, 1.9813,.00197,.09941, 1.9834, 1.9812, 1.9794,Chk Pass,,
Tl1908,ppm, 1.9827,.00967,.48790, 1.9768, 1.9775, 1.9939,Chk Pass,,
V_2924,ppm, 1.9516,.00568,.29108, 1.9580, 1.9494, 1.9473,Chk Pass,,
Zn2138,ppm, 2.0006,.01452,.72563, 1.9900, 1.9948, 2.0172,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 806.86,5.3005,.65692,810.14,809.70,800.75
Y_2243,Cts/S, 4582.8,39.857,.86971,4611.5,4599.6,4537.3
Y_3710,Cts/S, 83829.,52.382,.06249,83769.,83868.,83849.
Y_3710-2,Cts/S, 6926.6,29.090,.41998,6938.5,6947.8,6893.4
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Zoom In
Zoom Out

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[Sample Header]
Method=icapns(v494)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 15:10:13
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, -.00043,.00043,100.10, -.00042, -.00086, .00000,Chk Pass,,
Al3961,ppm, -.00553,.01074,194.32, .00155, -.01788, -.00024,Chk Pass,,
As1890,ppm, .00167,.00069,41.321, .00246, .00123, .00131,Chk Pass,,
B_2089,ppm, .00380,.00033,8.5729, .00398, .00399, .00342,Chk Pass,,
Ba4554,ppm, .00014,.00014,100.61, .00030, .00004, .00008,Chk Pass,,
Be3130,ppm, .00000,.00001,236.48, .00001, -.00001, .00001,Chk Pass,,
Ca3179,ppm, -.00268,.00180,67.369, -.00452, -.00259, -.00092,Chk Pass,,
Cd2288,ppm, -.00005,.00019,401.35, -.00026, -.00001, .00013,Chk Pass,,
Co2286,ppm, -.00017,.00010,62.318, -.00008, -.00014, -.00028,Chk Pass,,
Cr2677,ppm, -.00005,.00026,517.96, .00023, -.00029, -.00009,Chk Pass,,
Cu3247,ppm, -.00010,.00011,106.52, -.00023, -.00001, -.00007,Chk Pass,,
Fe2599,ppm, -.00060,.00061,101.03, -.00104, -.00086, .00009,Chk Pass,,
K_7664,ppm, .18885,.01112,5.8864, .19655, .19388, .17610,Chk Pass,,
Li6707,ppm, -.00065,.00104,160.52, .00038, -.00171, -.00063,Chk Pass,,
Mg2790,ppm, .01253,.01773,141.56, .02320, .02233, -.00794,Chk Pass,,
Mn2576,ppm, -.00004,.00004,103.79, .00001, -.00007, -.00005,Chk Pass,,
Mo2020,ppm, .00019,.00013,67.565, .00025, .00028, .00004,Chk Pass,,
Na5895,ppm, 1.6387,.00842,.51409, 1.6445, 1.6290, 1.6426,Chk Pass,,
Ni2316,ppm, .00002,.00027,1296.7, -.00016, .00033, -.00011,Chk Pass,,
Pb2203,ppm, .00099,.00082,82.761, .00018, .00098, .00182,Chk Pass,,
Sb2068,ppm, .00095,.00024,25.577, .00108, .00110, .00067,Chk Pass,,
Se1960,ppm, .00008,.00080,1005.9, .00099, -.00027, -.00048,Chk Pass,,
Sn1899,ppm, -.00024,.00015,62.972, -.00037, -.00028, -.00007,Chk Pass,,
Sr4077,ppm, .00014,.00003,18.868, .00017, .00011, .00016,Chk Pass,,
Ti3349,ppm, .00036,.00009,24.445, .00033, .00046, .00030,Chk Pass,,
Tl1908,ppm, .00066,.00078,117.32, .00156, .00013, .00030,Chk Pass,,
V_2924,ppm, .00007,.00022,323.59, .00013, -.00017, .00025,Chk Pass,,
Zn2138,ppm, -.00021,.00004,18.975, -.00017, -.00022, -.00025,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 946.58,2.2542,.23814,944.68,949.07,945.99
Y_2243,Cts/S, 4853.1,4.8438,.09981,4847.5,4855.6,4856.1
Y_3710,Cts/S, 87576.,323.92,.36987,87938.,87315.,87474.
Y_3710-2,Cts/S, 7002.9,22.753,.32491,7024.7,6979.3,7004.9

[Sample Header]
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SampleName=T59295-1F
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Comment=RFW mp12742
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 15:15:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00078,.00059,75.576, .00033, .00057, .00145
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As1890,ppm, .00512,.00146,28.450, .00582, .00345, .00610
B_2089,ppm, 1.7727,.00713,.40231, 1.7646, 1.7754, 1.7781
Ba4554,ppm, .06723,.00021,.30672, .06699, .06735, .06734
Be3130,ppm, -.00001,.00001,110.63, .00000, -.00001, -.00002
Ca3179,ppm, 177.74,.26175,.14726, 178.00, 177.76, 177.47
Cd2288,ppm, .00013,.00011,82.263, .00026, .00005, .00010
Co2286,ppm, -.00024,.00026,108.48, -.00001, -.00019, -.00051
Cr2677,ppm, .00019,.00002,8.7212, .00017, .00019, .00020
Cu3247,ppm, .00195,.00037,19.033, .00228, .00155, .00201
Fe2599,ppm, .00168,.00047,27.850, .00114, .00199, .00191
K_7664,ppm, 175.34,.14448,.08240, 175.51, 175.24, 175.28
Li6707,ppm, .10259,.00075,.73253, .10172, .10300, .10305
Mg2790,ppm, 516.71,1.0764,.20833, 517.67, 516.91, 515.55
Mn2576,ppm, .00051,.00003,5.1832, .00048, .00052, .00053
Mo2020,ppm, .00541,.00012,2.2314, .00555, .00534, .00533
Na5895,ppm, 2761.5,38.970,1.4112, 2804.4, 2751.8, 2728.2
Ni2316,ppm, -.00287,.00029,10.177, -.00313, -.00291, -.00255
Pb2203,ppm, .00089,.00087,97.373, .00014, .00185, .00069
Sb2068,ppm, -.00046,.00039,84.105, -.00017, -.00091, -.00032
Se1960,ppm, .00255,.00116,45.351, .00385, .00164, .00215
Sn1899,ppm, -.00139,.00058,41.986, -.00094, -.00204, -.00117
Sr4077,ppm, 3.0770,.00606,.19687, 3.0836, 3.0755, 3.0718
Ti3349,ppm, .00247,.00011,4.5498, .00236, .00245, .00258
Tl1908,ppm, -.00102,.00047,46.588, -.00133, -.00124, -.00047
V_2924,ppm, .00294,.00041,14.015, .00327, .00308, .00248
Zn2138,ppm, -.01790,.00009,.49513, -.01780, -.01798, -.01791

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 626.97,1.2106,.19309,628.35,626.50,626.07
Y_2243,Cts/S, 3813.4,9.7258,.25504,3822.3,3814.9,3803.0
Y_3710,Cts/S, 68861.,159.45,.23155,68678.,68940.,68966.
Y_3710-2,Cts/S, 6670.4,10.067,.15092,6680.3,6670.7,6660.2

[Sample Header]
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SampleName=MP12742-D1
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 15:21:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00020,.00033,164.97, .00017, -.00030, -.00048
Al3961,ppm, .02394,.00399,16.670, .02397, .01993, .02791
As1890,ppm, .00342,.00019,5.5733, .00338, .00363, .00326
B_2089,ppm, 1.7364,.00509,.29295, 1.7382, 1.7307, 1.7404
Ba4554,ppm, .06771,.00045,.66783, .06719, .06796, .06799
Be3130,ppm, -.00001,.00001,54.328, -.00002, -.00002, -.00001
Ca3179,ppm, 178.50,.80256,.44962, 177.58, 178.88, 179.04
Cd2288,ppm, .00005,.00007,151.69, .00007, -.00003, .00010
Co2286,ppm, -.00036,.00023,63.995, -.00044, -.00010, -.00053
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Cr2677,ppm, .00027,.00050,186.33, .00043, -.00029, .00066
Cu3247,ppm, .00112,.00078,69.590, .00107, .00193, .00037
Fe2599,ppm, .00237,.00235,99.211, -.00034, .00363, .00382
K_7664,ppm, 180.35,1.3657,.75727, 178.83, 180.73, 181.49
Li6707,ppm, .09739,.00045,.45866, .09708, .09717, .09790
Mg2790,ppm, 523.68,3.3711,.64373, 519.85, 525.01, 526.18
Mn2576,ppm, .00073,.00002,2.1281, .00071, .00074, .00074
Mo2020,ppm, .00531,.00016,3.0180, .00532, .00514, .00546
Na5895,ppm, 2756.7,71.641,2.5988, 2835.3, 2739.6, 2695.1
Ni2316,ppm, -.00215,.00068,31.595, -.00147, -.00214, -.00283
Pb2203,ppm, .00074,.00201,270.74, .00077, .00273, -.00128
Sb2068,ppm, -.00128,.00196,153.26, -.00355, -.00005, -.00025
Se1960,ppm, .00278,.00154,55.179, .00452, .00160, .00223
Sn1899,ppm, -.00109,.00041,37.282, -.00088, -.00156, -.00084
Sr4077,ppm, 3.1504,.02377,.75465, 3.1232, 3.1609, 3.1671
Ti3349,ppm, .00233,.00026,11.115, .00253, .00204, .00242
Tl1908,ppm, -.00037,.00013,34.328, -.00027, -.00051, -.00032
V_2924,ppm, .00303,.00038,12.577, .00259, .00324, .00327
Zn2138,ppm, -.01062,.00017,1.6408, -.01042, -.01076, -.01067

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 620.23,2.7824,.44860,621.25,622.36,617.08
Y_2243,Cts/S, 3782.9,16.021,.42353,3790.0,3794.1,3764.5
Y_3710,Cts/S, 66371.,162.37,.24464,66519.,66398.,66197.
Y_3710-2,Cts/S, 6434.9,26.294,.40861,6411.6,6463.4,6429.8

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CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00181,.00058,32.340, .00172, .00243, .00127
Al3961,ppm, .01247,.01182,94.769, .01721, -.00098, .02118
As1890,ppm, .00981,.00257,26.193, .01276, .00860, .00807
B_2089,ppm, 1.7379,.00483,.27809, 1.7342, 1.7434, 1.7361
Ba4554,ppm, .06650,.00106,1.6010, .06594, .06773, .06583
Be3130,ppm, .00001,.00002,218.44, .00004, .00000, -.00001
Ca3179,ppm, 182.59,.31251,.17115, 182.41, 182.42, 182.95
Cd2288,ppm, -.00011,.00067,605.69, -.00084, .00047, .00004
Co2286,ppm, -.00084,.00104,122.95, -.00204, -.00021, -.00028
Cr2677,ppm, .00001,.00128,11303., -.00133, .00123, .00014
Cu3247,ppm, .00144,.00128,88.598, .00045, .00099, .00288
Fe2599,ppm, .00886,.00843,95.162, .01859, .00384, .00414
K_7664,ppm, 172.09,.22233,.12920, 172.22, 171.83, 172.21
Li6707,ppm, .08892,.00059,.66225, .08888, .08835, .08953
Mg2790,ppm, 518.65,1.1642,.22446, 518.18, 517.79, 519.97
Mn2576,ppm, .00270,.00026,9.4811, .00269, .00245, .00296
Mo2020,ppm, .00528,.00088,16.561, .00486, .00470, .00629
Na5895,ppm, 3832.1,27.762,.72445, 3855.8, 3838.9, 3801.6
Ni2316,ppm, -.00235,.00035,15.122, -.00275, -.00210, -.00218
Pb2203,ppm, .00496,.00345,69.561, .00895, .00300, .00294
Sb2068,ppm, -.00032,.00543,1714.9, -.00181, .00570, -.00484
Se1960,ppm, .00244,.00937,383.69, -.00788, .01041, .00480
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Sn1899,ppm, -.00408,.00168,41.265, -.00520, -.00214, -.00490
Sr4077,ppm, 3.1407,.00880,.28029, 3.1339, 3.1376, 3.1507
Ti3349,ppm, .00592,.00120,20.236, .00463, .00699, .00616
Tl1908,ppm, -.00089,.00492,555.26, .00396, -.00074, -.00588
V_2924,ppm, .00178,.00092,51.605, .00161, .00278, .00096
Zn2138,ppm, .00627,.00052,8.3684, .00567, .00667, .00645

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 744.24,2.1974,.29525,745.76,745.25,741.72
Y_2243,Cts/S, 4282.6,5.0431,.11776,4282.3,4287.9,4277.8
Y_3710,Cts/S, 75692.,877.57,1.1594,75769.,76528.,74778.
Y_3710-2,Cts/S, 6761.1,37.617,.55637,6725.5,6800.4,6757.3

[Sample Header]
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Custom ID3=
Run Time=9/7/2010 15:33:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .46129,.00031,.06754, .46164, .46119, .46104
Al3961,ppm, 54.799,.10255,.18713, 54.766, 54.716, 54.914
As1890,ppm, .45537,.00211,.46248, .45366, .45473, .45773
B_2089,ppm, 2.7467,.01186,.43181, 2.7432, 2.7369, 2.7599
Ba4554,ppm, .50078,.00116,.23222, .50059, .49971, .50202
Be3130,ppm, .41656,.00027,.06539, .41687, .41649, .41634
Ca3179,ppm, 229.76,.27483,.11961, 229.95, 229.45, 229.89
Cd2288,ppm, .44455,.00119,.26824, .44346, .44437, .44582
Co2286,ppm, .37006,.00098,.26590, .36998, .36912, .37108
Cr2677,ppm, .39980,.00002,.00605, .39978, .39980, .39983
Cu3247,ppm, .42683,.00070,.16366, .42665, .42624, .42760
Fe2599,ppm, 49.673,.04415,.08887, 49.695, 49.622, 49.701
K_7664,ppm, 240.93,.41845,.17368, 240.50, 240.95, 241.33
Li6707,ppm, .54366,.00090,.16543, .54469, .54328, .54302
Mg2790,ppm, 579.77,.85524,.14751, 580.29, 578.78, 580.24
Mn2576,ppm, .40146,.00104,.26003, .40266, .40074, .40098
Mo2020,ppm, .40153,.00251,.62471, .40018, .39997, .40442
Na5895,ppm, 2948.0,36.034,1.2223, 2939.9, 2916.7, 2987.4
Ni2316,ppm, .41061,.00359,.87438, .40899, .40812, .41473
Pb2203,ppm, .40512,.00257,.63417, .40319, .40415, .40804
Sb2068,ppm, .43787,.00125,.28652, .43648, .43892, .43821
Se1960,ppm, .46455,.00154,.33335, .46356, .46378, .46633
Sn1899,ppm, .38313,.00314,.81839, .38105, .38160, .38673
Sr4077,ppm, 3.6770,.00224,.06079, 3.6748, 3.6793, 3.6770
Ti3349,ppm, .41237,.00017,.04079, .41228, .41226, .41256
Tl1908,ppm, .39475,.00221,.56090, .39296, .39407, .39723
V_2924,ppm, .40389,.00067,.16627, .40450, .40399, .40317
Zn2138,ppm, .43557,.00212,.48647, .43528, .43361, .43782

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 584.22,3.8623,.66110,586.44,586.46,579.76
Y_2243,Cts/S, 3725.4,10.652,.28593,3732.9,3730.1,3713.2
Y_3710,Cts/S, 66196.,162.07,.24483,66014.,66249.,66325.
Y_3710-2,Cts/S, 6336.8,28.980,.45733,6326.1,6369.6,6314.7
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[Sample Header]
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Username=admin
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Custom ID2=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .45899,.00136,.29652, .45911, .46029, .45757
Al3961,ppm, 54.715,.49794,.91005, 55.202, 54.736, 54.207
As1890,ppm, .46284,.00318,.68598, .46455, .45918, .46480
B_2089,ppm, 2.7884,.00933,.33445, 2.7849, 2.7813, 2.7990
Ba4554,ppm, .50180,.00106,.21159, .50283, .50187, .50077
Be3130,ppm, .42247,.00056,.13169, .42298, .42256, .42188
Ca3179,ppm, 231.74,1.1448,.49398, 232.74, 232.00, 230.49
Cd2288,ppm, .44847,.00156,.34767, .44764, .44750, .45027
Co2286,ppm, .37733,.00131,.34797, .37646, .37669, .37884
Cr2677,ppm, .40671,.00059,.14608, .40734, .40664, .40616
Cu3247,ppm, .43056,.00174,.40509, .43089, .43211, .42867
Fe2599,ppm, 49.901,.34094,.68323, 50.217, 49.947, 49.539
K_7664,ppm, 242.01,2.0104,.83068, 243.88, 242.28, 239.88
Li6707,ppm, .54307,.00237,.43661, .54471, .54414, .54035
Mg2790,ppm, 585.80,3.9676,.67730, 589.19, 586.77, 581.44
Mn2576,ppm, .40663,.00084,.20754, .40686, .40733, .40569
Mo2020,ppm, .40374,.00120,.29811, .40282, .40331, .40511
Na5895,ppm, 2885.9,52.420,1.8164, 2940.7, 2880.8, 2836.3
Ni2316,ppm, .41585,.00067,.15996, .41660, .41559, .41535
Pb2203,ppm, .41199,.00220,.53387, .41314, .40945, .41338
Sb2068,ppm, .44289,.00391,.88193, .43917, .44254, .44696
Se1960,ppm, .46849,.00140,.29816, .46893, .46692, .46960
Sn1899,ppm, .38880,.00066,.16940, .38834, .38851, .38956
Sr4077,ppm, 3.6969,.02818,.76226, 3.7218, 3.7025, 3.6663
Ti3349,ppm, .41438,.00043,.10391, .41415, .41412, .41488
Tl1908,ppm, .39974,.00155,.38715, .39994, .39810, .40117
V_2924,ppm, .40763,.00122,.29903, .40746, .40893, .40651
Zn2138,ppm, .44037,.00122,.27817, .43989, .43946, .44176

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 595.36,2.8791,.48358,592.53,595.28,598.28
Y_2243,Cts/S, 3789.8,3.6111,.09528,3788.0,3787.4,3794.0
Y_3710,Cts/S, 67039.,346.41,.51673,66682.,67061.,67373.
Y_3710-2,Cts/S, 6432.1,56.592,.87984,6376.8,6429.7,6489.9

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Custom ID2=
Custom ID3=
Run Time=9/7/2010 15:44:11
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00011,.00028,242.84, .00035, .00019, -.00019
Al3961,ppm, .03311,.00764,23.063, .03605, .03885, .02444
As1890,ppm, .00355,.00143,40.335, .00362, .00494, .00208
B_2089,ppm, 1.6878,.00272,.16135, 1.6850, 1.6879, 1.6905
Ba4554,ppm, .06883,.00022,.32509, .06903, .06888, .06859
Be3130,ppm, .00000,.00001,165.26, .00001, .00000, .00000
Ca3179,ppm, 172.71,.22431,.12988, 172.70, 172.49, 172.94
Cd2288,ppm, .00017,.00005,30.620, .00023, .00012, .00017
Co2286,ppm, -.00029,.00007,22.657, -.00028, -.00022, -.00035
Cr2677,ppm, .00112,.00029,25.562, .00093, .00098, .00145
Cu3247,ppm, .00123,.00009,7.4540, .00114, .00124, .00133
Fe2599,ppm, .00504,.00206,40.945, .00284, .00533, .00694
K_7664,ppm, 169.96,.28428,.16726, 169.73, 169.87, 170.28
Li6707,ppm, .08879,.00087,.97912, .08809, .08976, .08851
Mg2790,ppm, 497.55,.92883,.18668, 497.77, 496.53, 498.35
Mn2576,ppm, .00082,.00008,9.3289, .00088, .00073, .00083
Mo2020,ppm, .00535,.00037,6.9478, .00576, .00527, .00503
Na5895,ppm, 2639.2,11.464,.43436, 2652.4, 2633.6, 2631.7
Ni2316,ppm, -.00296,.00043,14.671, -.00258, -.00343, -.00286
Pb2203,ppm, .00099,.00122,123.34, .00237, .00006, .00053
Sb2068,ppm, -.00075,.00111,146.87, -.00052, -.00196, .00022
Se1960,ppm, .00325,.00239,73.457, .00295, .00578, .00103
Sn1899,ppm, -.00107,.00070,64.984, -.00123, -.00031, -.00168
Sr4077,ppm, 2.9764,.00480,.16139, 2.9778, 2.9710, 2.9803
Ti3349,ppm, .00273,.00036,13.161, .00244, .00262, .00313
Tl1908,ppm, -.00012,.00039,337.09, .00034, -.00033, -.00036
V_2924,ppm, .00252,.00026,10.475, .00270, .00222, .00265
Zn2138,ppm, -.01454,.00002,.15204, -.01452, -.01455, -.01456

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 634.21,1.3892,.21905,634.67,635.32,632.66
Y_2243,Cts/S, 3849.1,5.6502,.14679,3855.1,3848.4,3843.9
Y_3710,Cts/S, 68896.,158.95,.23071,68917.,68728.,69044.
Y_3710-2,Cts/S, 6628.5,4.2931,.06477,6627.6,6624.6,6633.1

[Sample Header]
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Custom ID2=
Custom ID3=
Run Time=9/7/2010 15:49:56
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00030,.00085,280.16, .00113, .00033, -.00056
Al3961,ppm, .03104,.00054,1.7366, .03115, .03151, .03045
As1890,ppm, .00142,.00099,69.678, .00235, .00152, .00038
B_2089,ppm, 3.4530,.01804,.52251, 3.4376, 3.4485, 3.4729
Ba4554,ppm, .03111,.00036,1.1620, .03153, .03086, .03096
Be3130,ppm, -.00001,.00002,159.86, -.00003, -.00001, .00000
Ca3179,ppm, 298.63,.41264,.13818, 298.45, 298.34, 299.10
Cd2288,ppm, .00014,.00020,143.87, -.00009, .00029, .00021
Co2286,ppm, -.00029,.00028,97.595, -.00015, -.00010, -.00062
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Cr2677,ppm, .00039,.00033,86.490, .00022, .00077, .00016
Cu3247,ppm, .00026,.00048,182.61, -.00001, .00082, -.00001
Fe2599,ppm, .00061,.00250,412.57, -.00223, .00157, .00248
K_7664,ppm, 358.64,1.1909,.33207, 360.00, 357.79, 358.12
Li6707,ppm, .19070,.00172,.90010, .19246, .19059, .18904
Mg2790,ppm, 1007.8,4.8896,.48518, 1013.4, 1004.6, 1005.4
Mn2576,ppm, .00095,.00004,3.8728, .00093, .00093, .00100
Mo2020,ppm, .00836,.00012,1.3815, .00823, .00838, .00846
Na5895,ppm,^ *****,-----,-----, 3758.7,^ -----, 3674.6
Ni2316,ppm, -.00742,.00017,2.2567, -.00724, -.00743, -.00757
Pb2203,ppm, .00028,.00169,599.24, -.00158, .00172, .00070
Sb2068,ppm, -.00107,.00205,191.33, .00087, -.00087, -.00321
Se1960,ppm, .00044,.00136,311.81, .00136, -.00112, .00107
Sn1899,ppm, -.00099,.00039,38.764, -.00142, -.00090, -.00067
Sr4077,ppm, 5.9934,.10951,1.8272, 5.9521, 5.9106, 6.1176
Ti3349,ppm, .00359,.00034,9.4443, .00357, .00327, .00394
Tl1908,ppm, .00033,.00067,204.13, .00110, .00001, -.00013
V_2924,ppm, .00162,.00023,14.172, .00145, .00188, .00154
Zn2138,ppm, -.00886,.00021,2.3231, -.00906, -.00888, -.00865

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 543.15,1.7999,.33138,545.20,541.84,542.42
Y_2243,Cts/S, 3394.8,6.9285,.20409,3401.6,3395.1,3387.7
Y_3710,Cts/S, 60688.,289.17,.47649,60977.,60399.,60688.
Y_3710-2,Cts/S, 6137.3,23.196,.37795,6121.8,6164.0,6126.2

[Sample Header]
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CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00052,.00023,44.984, -.00056, -.00073, -.00027
Al3961,ppm, .02548,.01779,69.816, .01070, .04522, .02051
As1890,ppm, .00330,.00168,50.767, .00269, .00520, .00202
B_2089,ppm, 3.5567,.00808,.22715, 3.5517, 3.5524, 3.5661
Ba4554,ppm, .02441,.00019,.78768, .02427, .02434, .02463
Be3130,ppm, -.00002,.00001,59.918, -.00003, -.00001, -.00002
Ca3179,ppm, 307.86,1.3302,.43209, 308.51, 306.34, 308.75
Cd2288,ppm, -.00011,.00002,17.181, -.00010, -.00013, -.00010
Co2286,ppm, -.00020,.00039,197.27, -.00038, .00025, -.00047
Cr2677,ppm, .00050,.00038,75.095, .00009, .00083, .00058
Cu3247,ppm, -.00030,.00097,323.38, .00042, .00008, -.00140
Fe2599,ppm, .00151,.00095,63.398, .00255, .00130, .00067
K_7664,ppm, 374.11,.46087,.12319, 374.19, 374.52, 373.61
Li6707,ppm, .19298,.00044,.22760, .19348, .19264, .19283
Mg2790,ppm, 1037.6,3.1966,.30809, 1039.5, 1039.4, 1033.9
Mn2576,ppm, .00149,.00007,4.4532, .00154, .00141, .00150
Mo2020,ppm, .00876,.00020,2.3045, .00855, .00895, .00879
Na5895,ppm,^ *****,-----,-----,^ -----,^ -----, 3743.5
Ni2316,ppm, -.00653,.00048,7.3467, -.00709, -.00625, -.00626
Pb2203,ppm, -.00059,.00174,291.95, .00023, .00058, -.00259
Sb2068,ppm, .00021,.00383,1799.3, -.00305, .00444, -.00075
Se1960,ppm, .00142,.00114,80.319, .00181, .00231, .00013
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Sn1899,ppm, -.00157,.00029,18.546, -.00190, -.00146, -.00135
Sr4077,ppm, 6.2500,.06775,1.0840, 6.2663, 6.1755, 6.3081
Ti3349,ppm, .00379,.00010,2.5727, .00383, .00386, .00367
Tl1908,ppm, -.00074,.00072,97.356, -.00095, -.00132, .00006
V_2924,ppm, .00079,.00002,2.2649, .00082, .00079, .00078
Zn2138,ppm, -.03251,.00007,.20710, -.03258, -.03252, -.03245

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 532.20,3.7719,.70874,535.38,533.20,528.03
Y_2243,Cts/S, 3340.3,9.6237,.28811,3343.0,3348.3,3329.6
Y_3710,Cts/S, 59608.,60.887,.10215,59555.,59595.,59674.
Y_3710-2,Cts/S, 6028.1,26.835,.44517,6002.6,6025.5,6056.1

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[Results]
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Ag3280,ppm, -.00012,.00044,370.99, .00012, .00015, -.00063
Al3961,ppm, .01051,.01255,119.39, -.00389, .01636, .01906
As1890,ppm, .00254,.00082,32.199, .00162, .00282, .00318
B_2089,ppm, 2.3036,.01076,.46698, 2.2984, 2.2964, 2.3159
Ba4554,ppm, .05121,.00011,.20956, .05116, .05133, .05113
Be3130,ppm, -.00001,.00001,65.357, -.00001, -.00002, -.00001
Ca3179,ppm, 221.63,.46748,.21093, 222.14, 221.54, 221.21
Cd2288,ppm, -.00002,.00021,1199.7, .00014, .00006, -.00025
Co2286,ppm, .00025,.00021,82.201, .00002, .00032, .00042
Cr2677,ppm, .00083,.00024,28.817, .00102, .00056, .00090
Cu3247,ppm, .00072,.00015,21.088, .00071, .00057, .00087
Fe2599,ppm, .00244,.00189,77.256, .00454, .00089, .00189
K_7664,ppm, 244.83,.61429,.25091, 245.41, 244.87, 244.19
Li6707,ppm, .11999,.00078,.64760, .12088, .11941, .11970
Mg2790,ppm, 686.60,1.9974,.29092, 688.68, 686.41, 684.70
Mn2576,ppm, .00051,.00003,5.7721, .00053, .00048, .00053
Mo2020,ppm, .00658,.00031,4.7244, .00663, .00686, .00624
Na5895,ppm, 3200.9,28.095,.87772, 3228.7, 3172.5, 3201.4
Ni2316,ppm, -.00418,.00032,7.5660, -.00389, -.00452, -.00412
Pb2203,ppm, .00102,.00068,66.977, .00121, .00026, .00159
Sb2068,ppm, -.00071,.00126,177.14, -.00216, .00012, -.00009
Se1960,ppm, .00062,.00153,245.25, .00148, -.00114, .00153
Sn1899,ppm, -.00122,.00050,40.663, -.00129, -.00168, -.00069
Sr4077,ppm, 4.1791,.00805,.19252, 4.1879, 4.1774, 4.1720
Ti3349,ppm, .00268,.00027,10.097, .00245, .00297, .00261
Tl1908,ppm, .00097,.00164,168.26, -.00012, .00018, .00285
V_2924,ppm, .00160,.00058,36.278, .00162, .00217, .00101
Zn2138,ppm, -.02300,.00010,.43417, -.02303, -.02308, -.02289

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 577.24,3.6499,.63229,579.57,579.13,573.04
Y_2243,Cts/S, 3563.7,15.319,.42986,3573.0,3572.1,3546.0
Y_3710,Cts/S, 63098.,291.00,.46118,63343.,62776.,63175.
Y_3710-2,Cts/S, 6125.7,16.185,.26422,6109.4,6125.7,6141.8
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14.2

14

Zoom In
Zoom Out

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As1890,ppm, .00363,.00133,36.757, .00452, .00209, .00427
B_2089,ppm, 2.9205,.02403,.82280, 2.9074, 2.9058, 2.9482
Ba4554,ppm, .03711,.00008,.21738, .03712, .03703, .03719
Be3130,ppm, -.00002,.00000,16.661, -.00002, -.00002, -.00002
Ca3179,ppm, 263.22,2.9842,1.1337, 263.13, 260.28, 266.25
Cd2288,ppm, .00007,.00013,195.96, -.00004, .00022, .00003
Co2286,ppm, -.00018,.00014,77.785, -.00010, -.00035, -.00011
Cr2677,ppm, .00041,.00024,59.175, .00024, .00030, .00069
Cu3247,ppm, -.00005,.00036,739.23, -.00015, .00035, -.00035
Fe2599,ppm, .00129,.00101,78.547, .00187, .00187, .00012
K_7664,ppm, 307.97,2.7046,.87820, 310.62, 308.07, 305.21
Li6707,ppm, .15356,.00324,2.1106, .15310, .15701, .15057
Mg2790,ppm, 856.57,6.7409,.78696, 863.81, 855.44, 850.47
Mn2576,ppm, .00087,.00006,7.2260, .00093, .00080, .00088
Mo2020,ppm, .00745,.00033,4.4763, .00751, .00708, .00774
Na5895,ppm, 3535.4,50.088,1.4168, 3588.2, 3529.3, 3488.6
Ni2316,ppm, -.00611,.00017,2.7594, -.00625, -.00592, -.00616
Pb2203,ppm, -.00017,.00074,433.91, -.00075, -.00042, .00066
Sb2068,ppm, -.00174,.00084,48.081, -.00269, -.00109, -.00146
Se1960,ppm, .00164,.00263,159.98, -.00046, .00080, .00459
Sn1899,ppm, -.00066,.00015,21.893, -.00075, -.00050, -.00075
Sr4077,ppm, 5.0925,.08081,1.5869, 5.1553, 5.1208, 5.0013
Ti3349,ppm, .00342,.00055,16.114, .00375, .00279, .00373
Tl1908,ppm, -.00021,.00285,1335.7, .00071, -.00341, .00206
V_2924,ppm, .00071,.00053,74.852, .00082, .00118, .00013
Zn2138,ppm, -.02988,.00031,1.0232, -.03016, -.02991, -.02955

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 563.83,1.7478,.31000,562.10,565.59,563.80
Y_2243,Cts/S, 3515.5,16.248,.46218,3514.0,3532.4,3500.0
Y_3710,Cts/S, 61954.,65.528,.10577,61879.,61982.,62001.
Y_3710-2,Cts/S, 6115.7,41.266,.67476,6071.0,6123.6,6152.4

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .24310,.00083,.33954, .24333, .24379, .24219,Chk Pass,,
Al3961,ppm, 39.072,.11535,.29523, 38.940, 39.123, 39.152,Chk Pass,,
As1890,ppm, 1.9916,.00695,.34916, 1.9909, 1.9850, 1.9989,Chk Pass,,
B_2089,ppm, 2.0010,.00631,.31556, 2.0000, 1.9953, 2.0078,Chk Pass,,
Ba4554,ppm, 2.0246,.00404,.19973, 2.0267, 2.0271, 2.0199,Chk Pass,,
Be3130,ppm, 1.9710,.01648,.83637, 1.9687, 1.9885, 1.9558,Chk Pass,,
Ca3179,ppm, 39.138,.05216,.13327, 39.085, 39.138, 39.190,Chk Pass,,
Cd2288,ppm, 1.9803,.00546,.27550, 1.9813, 1.9744, 1.9851,Chk Pass,,
Co2286,ppm, 1.9737,.00550,.27863, 1.9708, 1.9703, 1.9801,Chk Pass,,
Cr2677,ppm, 1.9696,.00184,.09348, 1.9675, 1.9711, 1.9701,Chk Pass,,
Cu3247,ppm, 1.9488,.00402,.20619, 1.9491, 1.9527, 1.9447,Chk Pass,,
Fe2599,ppm, 39.030,.05734,.14691, 38.982, 39.014, 39.093,Chk Pass,,
K_7664,ppm, 39.483,.07185,.18199, 39.423, 39.462, 39.563,Chk Pass,,
Li6707,ppm, 1.9414,.00277,.14264, 1.9382, 1.9426, 1.9434,Chk Pass,,
Mg2790,ppm, 38.610,.13273,.34377, 38.487, 38.591, 38.751,Chk Pass,,
Mn2576,ppm, 1.9455,.00711,.36554, 1.9446, 1.9530, 1.9389,Chk Pass,,
Mo2020,ppm, 1.9502,.00702,.35990, 1.9503, 1.9432, 1.9572,Chk Pass,,
Na5895,ppm, 42.528,.05226,.12288, 42.468, 42.553, 42.563,Chk Pass,,
Ni2316,ppm, 1.9210,.00399,.20795, 1.9191, 1.9184, 1.9256,Chk Pass,,
Pb2203,ppm, 1.9243,.00555,.28839, 1.9192, 1.9236, 1.9302,Chk Pass,,
Sb2068,ppm, 1.9812,.00679,.34294, 1.9800, 1.9750, 1.9885,Chk Pass,,
Se1960,ppm, 2.0069,.00604,.30117, 2.0120, 2.0002, 2.0084,Chk Pass,,
Sn1899,ppm, 1.9851,.00569,.28678, 1.9887, 1.9786, 1.9881,Chk Pass,,
Sr4077,ppm, 1.9657,.00298,.15148, 1.9627, 1.9657, 1.9687,Chk Pass,,
Ti3349,ppm, 1.9460,.00436,.22403, 1.9476, 1.9493, 1.9411,Chk Pass,,
Tl1908,ppm, 1.9696,.01431,.21882, 1.9701, 1.9650, 1.9736,Chk Pass,,
V_2924,ppm, 1.9415,.00452,.23295, 1.9395, 1.9467, 1.9384,Chk Pass,,
Zn2138,ppm, 1.9863,.00551,.27745, 1.9853, 1.9814, 1.9922,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 833.53,3.3245,.39885,836.37,834.36,829.88
Y_2243,Cts/S, 4710.2,21.217,.45045,4723.6,4721.2,4685.7
Y_3710,Cts/S, 86913.,483.19,.55594,87163.,86356.,87220.
Y_3710-2,Cts/S, 7211.3,41.224,.57166,7239.1,7230.7,7163.9

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[Results]
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Al3961,ppm, .00964,.00775,80.397, .00951, -.00196, .01745,Chk Pass,,
As1890,ppm, .00132,.00074,56.148, .00097, .00082, .00217,Chk Pass,,
B_2089,ppm, .00445,.00010,2.2166, .00450, .00452, .00434,Chk Pass,,
Ba4554,ppm, -.00003,.00009,329.08, -.00012, -.00002, .00005,Chk Pass,,
Be3130,ppm, .00002,.00001,31.275, .00002, .00002, .00001,Chk Pass,,
Ca3179,ppm, .00120,.00135,112.19, .00124, -.00017, .00253,Chk Pass,,
Cd2288,ppm, .00007,.00012,172.61, .00019, -.00004, .00006,Chk Pass,,
Co2286,ppm, -.00022,.00015,68.252, -.00024, -.00006, -.00036,Chk Pass,,
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Cr2677,ppm, -.00014,.00034,239.67, -.00011, -.00049, .00018,Chk Pass,,
Cu3247,ppm, .00036,.00037,102.76, .00058, -.00007, .00056,Chk Pass,,
Fe2599,ppm, -.00033,.00155,465.80, -.00038, .00124, -.00185,Chk Pass,,
K_7664,ppm, .29710,.03506,11.802, .27502, .33753, .27875,Chk Pass,,
Li6707,ppm, -.00030,.00038,126.68, -.00066, -.00036, .00011,Chk Pass,,
Mg2790,ppm, .01468,.00879,59.890, .01846, .02094, .00463,Chk Pass,,
Mn2576,ppm, -.00003,.00003,111.34, -.00007, -.00001, -.00001,Chk Pass,,
Mo2020,ppm, .00007,.00019,253.84, .00002, -.00008, .00028,Chk Pass,,
Na5895,ppm, 2.3327,.01853,.79434, 2.3541, 2.3231, 2.3210,Chk Pass,,
Ni2316,ppm, .00015,.00017,118.23, -.00001, .00033, .00012,Chk Pass,,
Pb2203,ppm, .00048,.00035,74.522, .00046, .00013, .00084,Chk Pass,,
Sb2068,ppm, .00066,.00080,122.50, .00007, .00032, .00157,Chk Pass,,
Se1960,ppm, .00105,.00094,89.590, .00151, -.00003, .00167,Chk Pass,,
Sn1899,ppm, -.00004,.00018,426.38, -.00024, -.00001, .00012,Chk Pass,,
Sr4077,ppm, .00019,.00009,46.267, .00027, .00019, .00010,Chk Pass,,
Ti3349,ppm, .00030,.00027,90.178, .00045, .00045, -.00001,Chk Pass,,
Tl1908,ppm, .00130,.00023,17.870, .00104, .00147, .00140,Chk Pass,,
V_2924,ppm, -.00018,.00017,96.095, -.00037, -.00002, -.00015,Chk Pass,,
Zn2138,ppm, -.00019,.00004,20.414, -.00014, -.00020, -.00022,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 945.92,2.4599,.26006,948.75,944.72,944.29
Y_2243,Cts/S, 4833.7,19.122,.39559,4852.7,4834.0,4814.4
Y_3710,Cts/S, 88817.,335.82,.37811,89060.,88958.,88434.
Y_3710-2,Cts/S, 7094.7,12.386,.17458,7106.8,7095.2,7082.1

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Al3961,ppm, .02367,.00479,20.243, .02789, .01846, .02466
As1890,ppm, .00296,.00167,56.266, .00480, .00254, .00154
B_2089,ppm, 3.2320,.01324,.40963, 3.2257, 3.2230, 3.2472
Ba4554,ppm, .03285,.00014,.41960, .03301, .03275, .03279
Be3130,ppm, .00000,.00002,1268.7, .00002, -.00001, -.00001
Ca3179,ppm, 288.74,3.0642,1.0612, 286.53, 292.24, 287.45
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Co2286,ppm, -.00042,.00039,94.261, -.00001, -.00045, -.00079
Cr2677,ppm, .00038,.00034,91.234, .00022, .00077, .00014
Cu3247,ppm, -.00023,.00058,258.61, -.00037, .00042, -.00072
Fe2599,ppm, .00410,.00115,28.049, .00327, .00362, .00541
K_7664,ppm, 343.52,1.6695,.48601, 341.86, 343.48, 345.20
Li6707,ppm, .17821,.00047,.26366, .17849, .17767, .17847
Mg2790,ppm, 954.86,3.0490,.31932, 952.94, 953.26, 958.37
Mn2576,ppm, .00095,.00010,10.403, .00087, .00092, .00106
Mo2020,ppm, .00813,.00024,2.9699, .00820, .00787, .00834
Na5895,ppm,^ *****,-----,-----, 3938.6,^ ------, 3856.7
Ni2316,ppm, -.00634,.00033,5.2669, -.00671, -.00606, -.00625
Pb2203,ppm, .00147,.00090,60.885, .00044, .00208, .00189
Sb2068,ppm, -.00148,.00093,62.521, -.00062, -.00137, -.00246
Se1960,ppm, .00130,.00314,242.14, .00449, -.00179, .00119
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Sn1899,ppm, -.00098,.00059,60.272, -.00034, -.00150, -.00111
Sr4077,ppm, 5.7599,.03971,.68951, 5.7188, 5.7981, 5.7628
Ti3349,ppm, .00373,.00053,14.199, .00391, .00314, .00416
Tl1908,ppm, .00015,.00073,492.22, .00004, -.00052, .00092
V_2924,ppm, .00129,.00062,48.065, .00075, .00197, .00115
Zn2138,ppm, -.00125,.00013,10.033, -.00114, -.00139, -.00123

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 545.28,1.5442,.28320,545.60,546.63,543.60
Y_2243,Cts/S, 3405.8,15.697,.46089,3417.3,3412.1,3387.9
Y_3710,Cts/S, 60141.,252.43,.41972,60167.,59877.,60379.
Y_3710-2,Cts/S, 5976.1,25.221,.42202,5991.9,5947.0,5989.4

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Al3961,ppm, 41.433,.20197,.48747, 41.595, 41.497, 41.207,Chk Pass,,
As1890,ppm, 1.9699,.01598,.81096, 1.9534, 1.9712, 1.9853,Chk Pass,,
B_2089,ppm, 1.9891,.01614,.81125, 1.9711, 1.9939, 2.0023,Chk Pass,,
Ba4554,ppm, 2.0650,.00773,.37432, 2.0695, 2.0693, 2.0560,Chk Pass,,
Be3130,ppm, 1.9750,.02992,1.5151, 1.9405, 1.9903, 1.9941,Chk Pass,,
Ca3179,ppm, 39.872,.19841,.49761, 39.972, 40.002, 39.644,Chk Pass,,
Cd2288,ppm, 1.9727,.01832,.92848, 1.9519, 1.9796, 1.9865,Chk Pass,,
Co2286,ppm, 1.9427,.01522,.78320, 1.9255, 1.9483, 1.9543,Chk Pass,,
Cr2677,ppm, 1.9552,.03670,1.8773, 1.9217, 1.9495, 1.9944,Chk Pass,,
Cu3247,ppm, 2.0073,.03659,1.8227, 1.9825, 1.9900, 2.0493,Chk Pass,,
Fe2599,ppm, 40.464,.27340,.67567, 40.671, 40.567, 40.154,Chk Pass,,
K_7664,ppm, 41.561,.24941,.60010, 41.737, 41.671, 41.276,Chk Pass,,
Li6707,ppm, 2.0286,.01000,.49299, 2.0351, 2.0335, 2.0171,Chk Pass,,
Mg2790,ppm, 39.617,.26032,.65708, 39.799, 39.733, 39.319,Chk Pass,,
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Pb2203,ppm, 1.8875,.01427,.75583, 1.8722, 1.8897, 1.9005,Chk Pass,,
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Ti3349,ppm, 1.9874,.03539,1.7807, 1.9568, 1.9791, 2.0261,Chk Pass,,
Tl1908,ppm, 1.9643,.01594,.81144, 1.9481, 1.9651, 1.9799,Chk Pass,,
V_2924,ppm, 1.9500,.03700,1.8975, 1.9185, 1.9408, 1.9908,Chk Pass,,
Zn2138,ppm, 1.9715,.01714,.86951, 1.9521, 1.9778, 1.9846,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 809.49,7.0408,.86978,817.55,806.41,804.52
Y_2243,Cts/S, 4618.5,39.084,.84625,4663.6,4594.3,4597.6
Y_3710,Cts/S, 83518.,1297.4,1.5534,84970.,83108.,82474.
Y_3710-2,Cts/S, 6887.7,25.744,.37377,6914.3,6885.9,6862.9
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[Sample Header]
Method=icapns(v494)
SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 16:36:30
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00018,.00051,283.30, .00076, -.00017, -.00005,Chk Pass,,
Al3961,ppm, .00880,.00483,54.828, .00653, .00553, .01435,Chk Pass,,
As1890,ppm, .00152,.00042,27.327, .00127, .00200, .00130,Chk Pass,,
B_2089,ppm, .00373,.00047,12.490, .00381, .00416, .00323,Chk Pass,,
Ba4554,ppm, .00011,.00011,103.86, .00008, .00023, .00001,Chk Pass,,
Be3130,ppm, .00003,.00001,46.552, .00002, .00004, .00003,Chk Pass,,
Ca3179,ppm, .00447,.00145,32.385, .00342, .00612, .00387,Chk Pass,,
Cd2288,ppm, -.00001,.00009,1128.6, -.00011, .00004, .00005,Chk Pass,,
Co2286,ppm, -.00005,.00020,408.83, .00018, -.00012, -.00020,Chk Pass,,
Cr2677,ppm, -.00024,.00030,128.31, -.00023, -.00054, .00006,Chk Pass,,
Cu3247,ppm, -.00017,.00030,177.78, -.00030, .00017, -.00038,Chk Pass,,
Fe2599,ppm, .00119,.00073,61.503, .00047, .00193, .00116,Chk Pass,,
K_7664,ppm, .22771,.00565,2.4800, .22414, .22476, .23422,Chk Pass,,
Li6707,ppm, -.00072,.00031,43.526, -.00101, -.00039, -.00076,Chk Pass,,
Mg2790,ppm, .01391,.01189,85.480, .00507, .00923, .02743,Chk Pass,,
Mn2576,ppm, .00006,.00005,78.424, .00001, .00006, .00010,Chk Pass,,
Mo2020,ppm, .00005,.00007,140.25, .00005, .00012, -.00002,Chk Pass,,
Na5895,ppm, 1.8289,.01096,.59927, 1.8330, 1.8165, 1.8372,Chk Pass,,
Ni2316,ppm, .00010,.00020,192.61, .00020, .00024, -.00013,Chk Pass,,
Pb2203,ppm, .00055,.00036,65.090, .00074, .00014, .00077,Chk Pass,,
Sb2068,ppm, -.00003,.00090,2956.1, -.00099, .00080, .00010,Chk Pass,,
Se1960,ppm, -.00034,.00240,717.00, -.00284, .00195, -.00011,Chk Pass,,
Sn1899,ppm, -.00031,.00029,94.460, .00002, -.00041, -.00054,Chk Pass,,
Sr4077,ppm, .00020,.00009,43.513, .00028, .00011, .00020,Chk Pass,,
Ti3349,ppm, .00062,.00029,47.715, .00091, .00032, .00062,Chk Pass,,
Tl1908,ppm, .00070,.00033,46.884, .00106, .00060, .00043,Chk Pass,,
V_2924,ppm, .00036,.00028,77.530, .00015, .00026, .00068,Chk Pass,,
Zn2138,ppm, -.00012,.00008,71.936, -.00013, -.00019, -.00002,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 942.71,11.404,1.2097,937.55,934.80,955.78
Y_2243,Cts/S, 4833.3,65.418,1.3535,4792.7,4798.4,4908.8
Y_3710,Cts/S, 86709.,260.73,.30070,86853.,86408.,86867.
Y_3710-2,Cts/S, 6908.4,57.278,.82910,6949.8,6932.4,6843.0

[Sample Header]
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SampleName=T59306-3
Username=admin
Comment=RFW mp12740
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 16:42:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00004,.00028,757.29, .00013, -.00028, .00027
Al3961,ppm, .68512,.00626,.91314, .68147, .68154, .69234
As1890,ppm, .00469,.00134,28.648, .00604, .00467, .00335
B_2089,ppm, 1.0228,.00286,.27998, 1.0248, 1.0195, 1.0240
Ba4554,ppm, .08485,.00011,.13454, .08497, .08475, .08481
Be3130,ppm, .00002,.00000,15.800, .00002, .00001, .00002
Ca3179,ppm, 123.70,.40772,.32961, 124.08, 123.74, 123.27
Cd2288,ppm, .00015,.00010,70.574, .00021, .00020, .00003
Co2286,ppm, .00000,.00021,4247.3, .00005, -.00024, .00018
Cr2677,ppm, .00130,.00015,11.236, .00129, .00115, .00145
Cu3247,ppm, .00198,.00015,7.5332, .00183, .00212, .00198
Fe2599,ppm, .55770,.00241,.43200, .55889, .55928, .55493
K_7664,ppm, 104.20,.53224,.51077, 104.71, 104.25, 103.65
Li6707,ppm, .05546,.00173,3.1112, .05427, .05744, .05467
Mg2790,ppm, 306.07,1.2227,.39946, 307.33, 306.02, 304.88
Mn2576,ppm, .04059,.00009,.21144, .04064, .04064, .04049
Mo2020,ppm, .00405,.00007,1.7658, .00398, .00404, .00413
Na5895,ppm, 1908.0,22.493,1.1789, 1910.1, 1929.3, 1884.5
Ni2316,ppm, -.00074,.00027,36.193, -.00079, -.00098, -.00045
Pb2203,ppm, .00195,.00095,48.864, .00301, .00164, .00118
Sb2068,ppm, .00019,.00043,224.97, -.00031, .00044, .00045
Se1960,ppm, .00216,.00263,121.73, -.00088, .00364, .00372
Sn1899,ppm, -.00101,.00028,28.084, -.00080, -.00089, -.00133
Sr4077,ppm, 1.8928,.01015,.53606, 1.9030, 1.8928, 1.8827
Ti3349,ppm, .01471,.00053,3.6187, .01519, .01480, .01413
Tl1908,ppm, .00031,.00052,165.40, .00022, -.00015, .00087
V_2924,ppm, .00443,.00023,5.0924, .00466, .00421, .00444
Zn2138,ppm, -.00771,.00015,2.0092, -.00778, -.00782, -.00753

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 675.58,1.6410,.24291,673.74,676.88,676.12
Y_2243,Cts/S, 4032.4,4.5708,.11335,4031.5,4037.4,4028.4
Y_3710,Cts/S, 71705.,281.12,.39205,71532.,71554.,72029.
Y_3710-2,Cts/S, 6677.3,27.456,.41119,6669.2,6654.7,6707.8

[Sample Header]
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SampleName=T59306-4
Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 16:47:53
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00006,.00068,1038.7, -.00010, .00063, -.00072
Al3961,ppm, .34736,.00590,1.6983, .35197, .34071, .34941
As1890,ppm, .00431,.00096,22.284, .00347, .00536, .00411
B_2089,ppm, 3.3395,.00695,.20806, 3.3344, 3.3367, 3.3474
Ba4554,ppm, .04139,.00017,.41525, .04148, .04119, .04150
Be3130,ppm, .00001,.00000,96.887, .00000, .00001, .00001
Ca3179,ppm, 292.96,2.2043,.75242, 294.30, 290.42, 294.16
Cd2288,ppm, .00010,.00015,155.04, -.00002, .00027, -.00004
Co2286,ppm, -.00019,.00037,197.61, -.00029, .00022, -.00048
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Cr2677,ppm, .00099,.00069,69.647, .00068, .00051, .00178
Cu3247,ppm, .00058,.00039,66.778, .00055, .00098, .00021
Fe2599,ppm, .24500,.00101,.41104, .24581, .24388, .24532
K_7664,ppm, 343.40,1.3511,.39345, 344.86, 343.15, 342.19
Li6707,ppm, .17771,.00206,1.1617, .17982, .17764, .17569
Mg2790,ppm, 961.89,5.0824,.52838, 967.14, 961.53, 957.00
Mn2576,ppm, .01746,.00003,.16983, .01745, .01744, .01750
Mo2020,ppm, .00820,.00012,1.4067, .00807, .00827, .00826
Na5895,ppm,^ *****,-----,-----,^ -----, 3767.0, 3689.6
Ni2316,ppm, -.00644,.00067,10.381, -.00721, -.00612, -.00600
Pb2203,ppm, .00059,.00119,202.84, .00195, .00010, -.00028
Sb2068,ppm, -.00164,.00023,14.053, -.00168, -.00139, -.00185
Se1960,ppm, .00067,.00141,209.38, .00156, -.00095, .00140
Sn1899,ppm, -.00121,.00053,44.067, -.00077, -.00107, -.00180
Sr4077,ppm, 5.7613,.04230,.73422, 5.8081, 5.7499, 5.7258
Ti3349,ppm, .00950,.00070,7.3986, .01016, .00876, .00956
Tl1908,ppm, .00057,.00054,94.682, .00116, .00010, .00045
V_2924,ppm, .00191,.00033,17.544, .00164, .00181, .00228
Zn2138,ppm, -.03408,.00020,.58715, -.03430, -.03404, -.03391

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 548.29,4.4699,.81523,552.62,548.57,543.70
Y_2243,Cts/S, 3431.1,10.159,.29608,3440.0,3433.3,3420.0
Y_3710,Cts/S, 61146.,107.23,.17536,61228.,61186.,61025.
Y_3710-2,Cts/S, 6130.0,19.229,.31368,6144.9,6108.3,6136.9

[Sample Header]
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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 16:53:54
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00047,.00063,132.58, -.00091, .00024, -.00075
Al3961,ppm, .40692,.00725,1.7814, .41259, .39875, .40942
As1890,ppm, .00423,.00118,27.996, .00509, .00288, .00471
B_2089,ppm, 3.4750,.01447,.41627, 3.4670, 3.4663, 3.4917
Ba4554,ppm, .03507,.00037,1.0627, .03506, .03470, .03545
Be3130,ppm, -.00001,.00002,125.55, .00000, -.00001, -.00003
Ca3179,ppm, 302.69,3.2937,1.0882, 304.37, 298.89, 304.80
Cd2288,ppm, .00014,.00025,182.86, .00028, .00028, -.00015
Co2286,ppm, -.00001,.00016,1223.1, -.00012, -.00008, .00016
Cr2677,ppm, .00083,.00062,74.043, .00096, .00016, .00138
Cu3247,ppm, .00028,.00047,169.35, .00080, .00016, -.00012
Fe2599,ppm, .31140,.00202,.65020, .31047, .31001, .31372
K_7664,ppm, 368.16,.61561,.16721, 368.87, 367.91, 367.72
Li6707,ppm, .18612,.00192,1.0337, .18646, .18404, .18784
Mg2790,ppm, 1011.0,2.4963,.24691, 1013.4, 1011.2, 1008.5
Mn2576,ppm, .02275,.00016,.71292, .02287, .02282, .02256
Mo2020,ppm, .00856,.00036,4.1769, .00893, .00853, .00822
Na5895,ppm,^ *****,-----,-----,^ -----, 3894.3, 3827.4
Ni2316,ppm, -.00683,.00024,3.4448, -.00678, -.00709, -.00663
Pb2203,ppm, .00134,.00147,110.13, .00134, -.00014, .00281
Sb2068,ppm, -.00042,.00149,352.12, .00068, .00017, -.00211
Se1960,ppm, .00058,.00230,395.73, -.00205, .00222, .00157
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Sn1899,ppm, -.00098,.00047,47.736, -.00149, -.00088, -.00057
Sr4077,ppm, 6.1052,.02987,.48922, 6.0746, 6.1066, 6.1343
Ti3349,ppm, .01145,.00110,9.6490, .01235, .01178, .01022
Tl1908,ppm, .00019,.00109,565.81, .00042, .00115, -.00099
V_2924,ppm, .00148,.00002,1.3860, .00146, .00149, .00150
Zn2138,ppm, -.03492,.00002,.06058, -.03495, -.03491, -.03491

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 535.47,3.0494,.56948,538.82,534.73,532.85
Y_2243,Cts/S, 3357.7,14.155,.42157,3365.8,3365.9,3341.3
Y_3710,Cts/S, 59653.,253.38,.42477,59594.,59434.,59930.
Y_3710-2,Cts/S, 5995.1,2.5611,.04272,5994.8,5997.8,5992.7

[Sample Header]
Method=icapns(v494)
SampleName=T59307-4
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 16:59:55
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00085,.00059,69.955, -.00021, -.00096, -.00137
Al3961,ppm, .06608,.00319,4.8287, .06757, .06241, .06825
As1890,ppm, .00291,.00099,34.005, .00201, .00276, .00397
B_2089,ppm, 3.6608,.01905,.52038, 3.6467, 3.6533, 3.6825
Ba4554,ppm, .02609,.00046,1.7507, .02571, .02660, .02597
Be3130,ppm, -.00001,.00001,60.589, -.00001, -.00002, -.00001
Ca3179,ppm, 318.39,4.7677,1.4975, 323.36, 313.85, 317.95
Cd2288,ppm, .00008,.00030,395.12, .00004, -.00021, .00039
Co2286,ppm, -.00008,.00007,89.927, .00000, -.00015, -.00009
Cr2677,ppm, .00064,.00005,7.4308, .00065, .00058, .00067
Cu3247,ppm, -.00052,.00045,86.083, -.00010, -.00048, -.00098
Fe2599,ppm, .02257,.00285,12.650, .02342, .01938, .02490
K_7664,ppm, 393.89,2.2734,.57716, 396.50, 392.33, 392.85
Li6707,ppm, .19894,.00097,.48958, .19964, .19783, .19935
Mg2790,ppm, 1066.3,7.1952,.67477, 1074.6, 1061.8, 1062.5
Mn2576,ppm, .00253,.00002,.74469, .00251, .00255, .00252
Mo2020,ppm, .00896,.00017,1.9518, .00889, .00884, .00917
Na5895,ppm, 3897.8,56.150,1.4405, 3960.0, 3882.8, 3850.8
Ni2316,ppm, -.00728,.00071,9.8134, -.00804, -.00717, -.00662
Pb2203,ppm, .00072,.00077,107.48, .00020, .00160, .00035
Sb2068,ppm, -.00222,.00087,38.980, -.00124, -.00258, -.00286
Se1960,ppm, .00260,.00056,21.454, .00320, .00248, .00211
Sn1899,ppm, -.00115,.00046,39.965, -.00168, -.00091, -.00086
Sr4077,ppm, 6.4760,.08768,1.3539, 6.5620, 6.4792, 6.3868
Ti3349,ppm, .00477,.00085,17.899, .00437, .00575, .00419
Tl1908,ppm, -.00096,.00029,30.758, -.00123, -.00064, -.00100
V_2924,ppm, .00062,.00023,37.353, .00089, .00047, .00051
Zn2138,ppm, -.03732,.00045,1.2102, -.03784, -.03706, -.03706

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 525.37,2.6496,.50433,528.02,525.36,522.72
Y_2243,Cts/S, 3303.1,15.574,.47150,3318.4,3303.7,3287.2
Y_3710,Cts/S, 58184.,371.60,.63866,57761.,58460.,58331.
Y_3710-2,Cts/S, 5909.6,36.839,.62338,5876.8,5949.5,5902.6
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[Sample Header]
Method=icapns(v494)
SampleName=T59307-5
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:05:59
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00051,.00018,35.470, .00057, .00031, .00066
Al3961,ppm, .12376,.01206,9.7427, .13648, .11250, .12229
As1890,ppm, .00189,.00139,73.475, .00192, .00049, .00326
B_2089,ppm, 3.8045,.01608,.42253, 3.7999, 3.7912, 3.8224
Ba4554,ppm, .04814,.00024,.50182, .04842, .04800, .04800
Be3130,ppm, -.00001,.00001,45.893, -.00002, -.00002, -.00001
Ca3179,ppm, 326.17,2.7563,.84505, 329.06, 323.57, 325.88
Cd2288,ppm, .00000,.00013,3933.9, .00007, .00007, -.00015
Co2286,ppm, -.00004,.00027,737.12, .00005, .00018, -.00034
Cr2677,ppm, .00112,.00040,35.869, .00158, .00097, .00082
Cu3247,ppm, .00023,.00027,115.85, .00051, .00019, -.00001
Fe2599,ppm, .11553,.00177,1.5359, .11678, .11350, .11632
K_7664,ppm, 402.30,1.1025,.27405, 403.57, 401.72, 401.61
Li6707,ppm, .20244,.00145,.71854, .20244, .20389, .20098
Mg2790,ppm, 1094.7,2.2451,.20509, 1096.9, 1092.4, 1094.8
Mn2576,ppm, .00724,.00009,1.2176, .00714, .00729, .00729
Mo2020,ppm, .00917,.00008,.89133, .00911, .00914, .00926
Na5895,ppm, 3741.0,82.715,2.2110, 3833.8, 3714.0, 3675.2
Ni2316,ppm, -.00747,.00038,5.1428, -.00768, -.00703, -.00770
Pb2203,ppm, .00047,.00085,178.62, .00034, .00138, -.00030
Sb2068,ppm, -.00096,.00171,178.29, -.00083, -.00272, .00068
Se1960,ppm, .00180,.00282,156.98, .00274, -.00137, .00404
Sn1899,ppm, -.00184,.00039,21.132, -.00228, -.00166, -.00157
Sr4077,ppm, 6.6975,.09879,1.4750, 6.5872, 6.7779, 6.7273
Ti3349,ppm, .00759,.00025,3.3351, .00755, .00736, .00786
Tl1908,ppm, -.00011,.00013,125.75, -.00023, -.00012, .00004
V_2924,ppm, .00104,.00028,26.672, .00114, .00072, .00125
Zn2138,ppm, -.03856,.00014,.35328, -.03872, -.03847, -.03850

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 539.06,1.8913,.35086,537.00,540.72,539.45
Y_2243,Cts/S, 3381.3,8.9547,.26483,3373.9,3391.3,3378.6
Y_3710,Cts/S, 59887.,88.823,.14832,59914.,59787.,59959.
Y_3710-2,Cts/S, 6068.2,63.177,1.0411,6000.1,6079.8,6124.8

[Sample Header]
Method=icapns(v494)
SampleName=T59309-1
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:12:03
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00016,.00043,271.25, .00065, -.00017, .00000
Al3961,ppm, .05401,.01172,21.708, .04930, .06735, .04537
As1890,ppm, .00245,.00159,65.021, .00102, .00217, .00417
B_2089,ppm, 3.6196,.01950,.53866, 3.6056, 3.6114, 3.6419
Ba4554,ppm, .02439,.00044,1.7904, .02450, .02390, .02475
Be3130,ppm, .00000,.00002,607.11, -.00003, .00001, .00000
Ca3179,ppm, 300.53,4.6429,1.5449, 298.95, 296.88, 305.75
Cd2288,ppm, -.00012,.00024,191.12, -.00038, -.00008, .00009
Co2286,ppm, -.00003,.00022,735.87, -.00016, .00023, -.00016
Cr2677,ppm, .00053,.00038,71.307, .00029, .00033, .00096
Cu3247,ppm, .00030,.00037,125.10, .00038, -.00011, .00062
Fe2599,ppm, .02493,.00217,8.7138, .02741, .02400, .02338
K_7664,ppm, 367.73,.80249,.21823, 366.99, 367.61, 368.58
Li6707,ppm, .18574,.00061,.32885, .18578, .18511, .18633
Mg2790,ppm, 1008.9,1.1588,.11486, 1007.7, 1008.9, 1010.1
Mn2576,ppm, .01357,.00004,.32285, .01353, .01357, .01361
Mo2020,ppm, .00857,.00010,1.2128, .00862, .00845, .00863
Na5895,ppm, 3581.7,31.677,.88442, 3618.3, 3563.6, 3563.2
Ni2316,ppm, -.00720,.00036,4.9644, -.00719, -.00756, -.00685
Pb2203,ppm, .00054,.00130,239.98, .00132, .00128, -.00096
Sb2068,ppm, -.00005,.00132,2613.8, .00102, .00035, -.00152
Se1960,ppm, .00110,.00203,184.00, -.00079, .00324, .00085
Sn1899,ppm, -.00145,.00052,35.583, -.00102, -.00130, -.00202
Sr4077,ppm, 6.0622,.04517,.74507, 6.0387, 6.0336, 6.1143
Ti3349,ppm, .00420,.00060,14.208, .00461, .00446, .00351
Tl1908,ppm, -.00048,.00050,104.85, .00000, -.00100, -.00043
V_2924,ppm, .00131,.00006,4.4825, .00125, .00130, .00137
Zn2138,ppm, -.03626,.00005,.14815, -.03632, -.03623, -.03622

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 540.97,1.6486,.30474,539.91,542.87,540.13
Y_2243,Cts/S, 3392.5,9.9176,.29234,3391.2,3403.0,3383.3
Y_3710,Cts/S, 60632.,416.48,.68689,60989.,60734.,60175.
Y_3710-2,Cts/S, 6212.7,9.5067,.15302,6213.4,6221.9,6202.9

[Sample Header]
Method=icapns(v494)
SampleName=T59309-2
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:18:06
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00059,.00055,94.281, -.00045, -.00011, -.00119
Al3961,ppm, .12880,.00681,5.2903, .12654, .12339, .13645
As1890,ppm, .00253,.00055,21.670, .00200, .00250, .00309
B_2089,ppm, 3.5045,.01066,.30431, 3.4922, 3.5114, 3.5098
Ba4554,ppm, .02779,.00015,.55361, .02761, .02785, .02790
Be3130,ppm, -.00001,.00000,27.136, -.00001, -.00002, -.00001
Ca3179,ppm, 298.64,1.9998,.66965, 298.20, 296.89, 300.82
Cd2288,ppm, .00004,.00013,288.31, -.00004, -.00002, .00019
Co2286,ppm, -.00026,.00026,97.952, .00003, -.00045, -.00037
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Cr2677,ppm, .00060,.00020,33.601, .00039, .00061, .00079
Cu3247,ppm, -.00044,.00038,84.804, -.00017, -.00029, -.00087
Fe2599,ppm, .08738,.00308,3.5285, .09042, .08425, .08746
K_7664,ppm, 373.59,.86885,.23257, 374.59, 373.18, 373.00
Li6707,ppm, .18381,.00096,.51992, .18491, .18333, .18318
Mg2790,ppm, 1011.5,4.0962,.40496, 1016.0, 1010.6, 1007.9
Mn2576,ppm, .01553,.00005,.31630, .01558, .01549, .01552
Mo2020,ppm, .00865,.00028,3.2406, .00898, .00849, .00849
Na5895,ppm, 3741.0,17.437,.46610, 3761.1, 3730.0, 3731.9
Ni2316,ppm, -.00662,.00062,9.3884, -.00618, -.00635, -.00733
Pb2203,ppm, -.00011,.00047,440.46, -.00010, .00036, -.00058
Sb2068,ppm, -.00127,.00190,149.62, -.00122, -.00320, .00060
Se1960,ppm, .00156,.00259,165.76, -.00139, .00265, .00344
Sn1899,ppm, -.00097,.00048,49.151, -.00127, -.00042, -.00122
Sr4077,ppm, 6.1033,.08345,1.3672, 6.1115, 6.1824, 6.0161
Ti3349,ppm, .00553,.00021,3.8554, .00540, .00541, .00578
Tl1908,ppm, -.00072,.00086,120.38, -.00165, -.00057, .00006
V_2924,ppm, .00105,.00015,13.912, .00090, .00119, .00107
Zn2138,ppm, -.03687,.00011,.29562, -.03700, -.03679, -.03683

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 533.36,3.6934,.69247,536.54,534.23,529.31
Y_2243,Cts/S, 3376.6,16.610,.49191,3385.4,3387.0,3357.5
Y_3710,Cts/S, 59864.,91.682,.15315,59876.,59950.,59767.
Y_3710-2,Cts/S, 6032.2,31.423,.52092,6014.2,6014.0,6068.5

[Sample Header]
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Custom ID3=
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Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .25332,.00172,.67983, .25156, .25340, .25500,Chk Pass,,
Al3961,ppm, 40.740,.27312,.67039, 40.687, 41.036, 40.498,Chk Pass,,
As1890,ppm, 1.9676,.01181,.60017, 1.9601, 1.9615, 1.9812,Chk Pass,,
B_2089,ppm, 1.9887,.01141,.57364, 1.9856, 1.9792, 2.0013,Chk Pass,,
Ba4554,ppm, 2.0752,.00921,.44381, 2.0710, 2.0858, 2.0689,Chk Pass,,
Be3130,ppm, 1.9372,.00834,.43029, 1.9405, 1.9277, 1.9433,Chk Pass,,
Ca3179,ppm, 39.185,.24630,.62856, 39.088, 39.466, 39.003,Chk Pass,,
Cd2288,ppm, 1.9705,.01210,.61405, 1.9649, 1.9622, 1.9844,Chk Pass,,
Co2286,ppm, 1.9277,.01079,.55978, 1.9215, 1.9214, 1.9401,Chk Pass,,
Cr2677,ppm, 1.9333,.00412,.21309, 1.9324, 1.9297, 1.9378,Chk Pass,,
Cu3247,ppm, 1.9671,.00201,.10211, 1.9667, 1.9693, 1.9654,Chk Pass,,
Fe2599,ppm, 39.412,.26602,.67498, 39.327, 39.711, 39.199,Chk Pass,,
K_7664,ppm, 41.017,.29292,.71415, 40.927, 41.345, 40.780,Chk Pass,,
Li6707,ppm, 2.0091,.01530,.76171, 2.0064, 2.0256, 1.9954,Chk Pass,,
Mg2790,ppm, 38.414,.28434,.74020, 38.260, 38.742, 38.240,Chk Pass,,
Mn2576,ppm, 1.9317,.00493,.25523, 1.9271, 1.9312, 1.9369,Chk Pass,,
Mo2020,ppm, 1.9556,.01041,.53256, 1.9524, 1.9472, 1.9673,Chk Pass,,
Na5895,ppm, 42.729,.36318,.84997, 42.777, 43.066, 42.344,Chk Pass,,
Ni2316,ppm, 1.9228,.01288,.66982, 1.9148, 1.9160, 1.9377,Chk Pass,,
Pb2203,ppm, 1.8831,.01512,.80287, 1.8734, 1.8755, 1.9005,Chk Pass,,
Sb2068,ppm, 1.9637,.01151,.58630, 1.9582, 1.9559, 1.9769,Chk Pass,,
Se1960,ppm, 2.0066,.01257,.62636, 1.9988, 1.9998, 2.0211,Chk Pass,,
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Sn1899,ppm, 1.9868,.01149,.57822, 1.9797, 1.9807, 2.0001,Chk Pass,,
Sr4077,ppm, 2.0321,.01253,.61675, 2.0278, 2.0462, 2.0223,Chk Pass,,
Ti3349,ppm, 1.9677,.00324,.16442, 1.9640, 1.9688, 1.9702,Chk Pass,,
Tl1908,ppm, 1.9730,.01345,.68151, 1.9658, 1.9647, 1.9885,Chk Pass,,
V_2924,ppm, 1.9231,.00556,.28906, 1.9211, 1.9188, 1.9294,Chk Pass,,
Zn2138,ppm, 1.9690,.01113,.56527, 1.9641, 1.9612, 1.9818,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 810.74,3.6694,.45260,812.52,813.18,806.52
Y_2243,Cts/S, 4644.7,17.883,.38502,4648.9,4660.1,4625.1
Y_3710,Cts/S, 84289.,489.67,.58095,84734.,84368.,83764.
Y_3710-2,Cts/S, 6913.1,52.151,.75438,6933.9,6853.7,6951.6

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Custom ID1=
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Custom ID3=
Run Time=9/7/2010 17:29:40
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00013,.00032,254.34, .00021, .00040, -.00023,Chk Pass,,
Al3961,ppm, .00394,.00940,238.36, .01009, .00862, -.00688,Chk Pass,,
As1890,ppm, .00158,.00060,38.134, .00102, .00222, .00151,Chk Pass,,
B_2089,ppm, .00563,.00049,8.7698, .00562, .00613, .00514,Chk Pass,,
Ba4554,ppm, .00000,.00008,6380.4, -.00007, -.00002, .00009,Chk Pass,,
Be3130,ppm, .00001,.00001,72.135, .00002, .00000, .00001,Chk Pass,,
Ca3179,ppm, .00291,.00100,34.315, .00309, .00183, .00381,Chk Pass,,
Cd2288,ppm, -.00006,.00024,379.99, .00002, .00013, -.00034,Chk Pass,,
Co2286,ppm, -.00009,.00021,243.64, -.00010, -.00029, .00013,Chk Pass,,
Cr2677,ppm, -.00032,.00013,39.465, -.00033, -.00044, -.00019,Chk Pass,,
Cu3247,ppm, .00003,.00041,1168.5, .00009, -.00040, .00041,Chk Pass,,
Fe2599,ppm, .00158,.00177,112.18, -.00032, .00319, .00187,Chk Pass,,
K_7664,ppm, .36359,.01186,3.2633, .35338, .37661, .36078,Chk Pass,,
Li6707,ppm, .00027,.00142,522.01, -.00122, .00160, .00044,Chk Pass,,
Mg2790,ppm, .02265,.01091,48.147, .03497, .01423, .01875,Chk Pass,,
Mn2576,ppm, .00000,.00002,898.13, -.00002, .00002, .00001,Chk Pass,,
Mo2020,ppm, .00018,.00011,61.380, .00028, .00006, .00020,Chk Pass,,
Na5895,ppm, 3.0617,.05189,1.6946, 3.0553, 3.0725, 3.1074,Chk Pass,,
Ni2316,ppm, .00010,.00030,288.48, -.00001, .00044, -.00012,Chk Pass,,
Pb2203,ppm, .00000,.00038,17838., .00036, -.00041, .00005,Chk Pass,,
Sb2068,ppm, .00003,.00130,4065.1, -.00143, .00105, .00048,Chk Pass,,
Se1960,ppm, -.00009,.00088,972.11, .00090, -.00080, -.00037,Chk Pass,,
Sn1899,ppm, -.00013,.00028,214.82, .00017, -.00019, -.00037,Chk Pass,,
Sr4077,ppm, .00026,.00006,21.859, .00023, .00032, .00022,Chk Pass,,
Ti3349,ppm, .00038,.00015,39.286, .00046, .00021, .00048,Chk Pass,,
Tl1908,ppm, .00037,.00020,53.665, .00053, .00044, .00015,Chk Pass,,
V_2924,ppm, -.00001,.00031,2660.8, -.00019, -.00019, .00035,Chk Pass,,
Zn2138,ppm, -.00020,.00003,14.520, -.00022, -.00017, -.00021,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 958.01,6.4798,.67639,965.49,954.05,954.48
Y_2243,Cts/S, 4917.7,41.856,.85111,4965.0,4903.0,4885.3
Y_3710,Cts/S, 89944.,432.45,.48080,90390.,89527.,89915.
Y_3710-2,Cts/S, 7162.3,26.513,.37017,7131.7,7178.8,7176.4
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[Sample Header]
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Username=admin
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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00003,.00017,584.81, .00021, -.00014, .00002
Al3961,ppm, .02158,.00778,36.076, .01296, .02809, .02368
As1890,ppm, .00485,.00112,23.153, .00557, .00542, .00356
B_2089,ppm, 1.0068,.00581,.57740, 1.0038, 1.0031, 1.0135
Ba4554,ppm, .08204,.00028,.34278, .08194, .08182, .08235
Be3130,ppm, .00001,.00002,228.43, .00002, -.00001, .00000
Ca3179,ppm, 120.62,.08416,.06977, 120.61, 120.54, 120.71
Cd2288,ppm, .00015,.00012,79.907, .00005, .00012, .00029
Co2286,ppm, -.00025,.00014,58.178, -.00042, -.00016, -.00017
Cr2677,ppm, -.00004,.00014,350.03, .00010, -.00004, -.00017
Cu3247,ppm, .00206,.00084,40.510, .00125, .00202, .00292
Fe2599,ppm, .00137,.00043,31.247, .00088, .00166, .00158
K_7664,ppm, 102.98,.20606,.20009, 102.75, 103.05, 103.14
Li6707,ppm, .05245,.00175,3.3370, .05301, .05385, .05049
Mg2790,ppm, 297.59,.37337,.12547, 297.17, 297.89, 297.70
Mn2576,ppm, .00047,.00004,7.6973, .00051, .00046, .00044
Mo2020,ppm, .00386,.00018,4.6323, .00394, .00365, .00398
Na5895,ppm, 1893.6,9.2945,.49083, 1886.2, 1890.6, 1904.1
Ni2316,ppm, -.00116,.00035,30.496, -.00106, -.00155, -.00086
Pb2203,ppm, .00094,.00175,185.87, .00211, .00180, -.00107
Sb2068,ppm, -.00061,.00122,199.35, -.00057, .00059, -.00185
Se1960,ppm, .00082,.00042,50.898, .00130, .00062, .00054
Sn1899,ppm, -.00075,.00010,13.901, -.00076, -.00065, -.00086
Sr4077,ppm, 1.8573,.00208,.11182, 1.8557, 1.8596, 1.8566
Ti3349,ppm, .00178,.00053,29.945, .00128, .00234, .00171
Tl1908,ppm, .00012,.00054,434.06, -.00047, .00027, .00057
V_2924,ppm, .00324,.00034,10.566, .00364, .00309, .00301
Zn2138,ppm, .00283,.00010,3.6349, .00274, .00281, .00295

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 673.88,3.2680,.48495,670.16,676.30,675.18
Y_2243,Cts/S, 4040.2,9.6591,.23907,4029.9,4049.1,4041.5
Y_3710,Cts/S, 71592.,35.229,.04921,71617.,71552.,71607.
Y_3710-2,Cts/S, 6587.8,20.747,.31494,6610.2,6583.7,6569.3

[Sample Header]
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SampleName=T59306-4F
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:41:08
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00000,.00013,48102., -.00014, .00012, .00002
Al3961,ppm, .03136,.01350,43.043, .03651, .01605, .04154
As1890,ppm, .00382,.00089,23.326, .00481, .00358, .00307
B_2089,ppm, 3.3751,.00381,.11291, 3.3728, 3.3729, 3.3795
Ba4554,ppm, .04135,.00006,.14885, .04142, .04133, .04130
Be3130,ppm, -.00001,.00001,131.63, .00001, -.00002, -.00002
Ca3179,ppm, 288.86,2.0191,.69901, 290.71, 286.70, 289.16
Cd2288,ppm, .00010,.00008,84.745, .00019, .00002, .00009
Co2286,ppm, -.00058,.00016,27.482, -.00051, -.00047, -.00077
Cr2677,ppm, .00059,.00013,22.503, .00074, .00048, .00055
Cu3247,ppm, .00079,.00038,48.141, .00073, .00120, .00045
Fe2599,ppm, .00553,.00178,32.137, .00513, .00399, .00748
K_7664,ppm, 339.39,1.1456,.33754, 338.27, 340.56, 339.34
Li6707,ppm, .17244,.00208,1.2090, .17236, .17456, .17040
Mg2790,ppm, 953.07,2.7834,.29205, 951.88, 956.26, 951.09
Mn2576,ppm, .00089,.00007,7.5949, .00086, .00097, .00085
Mo2020,ppm, .00828,.00024,2.9539, .00841, .00843, .00800
Na5895,ppm,^ *****,-----,-----,^ -----, 3557.6,^ -----
Ni2316,ppm, -.00652,.00027,4.2107, -.00672, -.00620, -.00663
Pb2203,ppm, -.00061,.00125,203.05, .00013, .00008, -.00206
Sb2068,ppm, -.00201,.00199,99.108, -.00264, -.00361, .00022
Se1960,ppm, .00133,.00184,138.28, .00279, .00193, -.00073
Sn1899,ppm, -.00136,.00032,23.773, -.00128, -.00171, -.00108
Sr4077,ppm, 5.4893,.05964,1.0865, 5.4502, 5.4598, 5.5580
Ti3349,ppm, .00325,.00008,2.4680, .00325, .00316, .00332
Tl1908,ppm, -.00006,.00095,1561.6, .00085, .00001, -.00104
V_2924,ppm, .00170,.00048,28.426, .00179, .00213, .00118
Zn2138,ppm, -.03417,.00016,.46519, -.03404, -.03434, -.03412

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 558.43,1.9935,.35697,560.70,557.65,556.95
Y_2243,Cts/S, 3480.3,6.7622,.19430,3485.0,3483.3,3472.5
Y_3710,Cts/S, 63349.,551.37,.87037,63040.,63022.,63986.
Y_3710-2,Cts/S, 6343.2,12.716,.20047,6355.3,6329.9,6344.4

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:47:07
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00035,.00020,57.645, -.00036, -.00054, -.00014
Al3961,ppm, .02467,.01086,44.006, .03687, .01607, .02107
As1890,ppm, .00284,.00133,46.731, .00279, .00154, .00420
B_2089,ppm, 3.4173,.01092,.31961, 3.4121, 3.4099, 3.4298
Ba4554,ppm, .03316,.00001,.03173, .03317, .03317, .03315
Be3130,ppm, -.00001,.00001,128.22, -.00002, -.00002, -.00001
Ca3179,ppm, 294.90,6.6964,2.2754, 301.89, 291.80, 289.22
Cd2288,ppm, .00004,.00024,569.40, -.00020, .00027, .00005
Co2286,ppm, -.00032,.00017,51.224, -.00049, -.00016, -.00031
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Cr2677,ppm, .00079,.00013,16.126, .00066, .00081, .00091
Cu3247,ppm, .00033,.00009,28.639, .00029, .00043, .00026
Fe2599,ppm, .00314,.00270,85.793, .00509, .00007, .00427
K_7664,ppm, 354.86,.78283,.22060, 355.76, 354.32, 354.50
Li6707,ppm, .17592,.00178,1.0101, .17396, .17742, .17639
Mg2790,ppm, 976.59,4.0761,.41737, 981.22, 975.05, 973.52
Mn2576,ppm, .00120,.00003,2.2521, .00119, .00118, .00123
Mo2020,ppm, .00834,.00022,2.6751, .00808, .00843, .00849
Na5895,ppm, 3634.3,19.241,.52943, 3651.2, 3613.4, 3638.4
Ni2316,ppm, -.00675,.00024,3.5173, -.00647, -.00690, -.00687
Pb2203,ppm, .00154,.00017,10.789, .00164, .00164, .00135
Sb2068,ppm, -.00164,.00169,102.93, -.00013, -.00132, -.00346
Se1960,ppm, .00443,.00032,7.1185, .00479, .00430, .00420
Sn1899,ppm, -.00169,.00027,16.191, -.00198, -.00144, -.00166
Sr4077,ppm, 5.9027,.10666,1.8070, 5.7866, 5.9963, 5.9253
Ti3349,ppm, .00335,.00008,2.4943, .00340, .00326, .00341
Tl1908,ppm, -.00015,.00129,848.68, -.00010, .00111, -.00146
V_2924,ppm, .00190,.00059,31.078, .00185, .00133, .00251
Zn2138,ppm, -.03557,.00016,.44713, -.03573, -.03555, -.03541

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 547.62,1.8063,.32984,548.60,548.74,545.54
Y_2243,Cts/S, 3417.9,9.0030,.26341,3417.8,3426.9,3408.9
Y_3710,Cts/S, 61234.,122.71,.20040,61105.,61349.,61248.
Y_3710-2,Cts/S, 6152.1,38.132,.61982,6128.0,6196.0,6132.2

[Sample Header]
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SampleName=T59307-4F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 17:53:10
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00009,.00007,74.611, .00008, .00017, .00003
Al3961,ppm, .02547,.01438,56.463, .04180, .01995, .01467
As1890,ppm, .00213,.00131,61.383, .00239, .00071, .00330
B_2089,ppm, 3.6935,.00239,.06475, 3.6925, 3.6917, 3.6962
Ba4554,ppm, .02329,.00027,1.1668, .02335, .02299, .02353
Be3130,ppm, -.00002,.00001,65.267, -.00003, -.00001, -.00002
Ca3179,ppm, 315.36,2.7591,.87491, 318.51, 313.41, 314.14
Cd2288,ppm, .00001,.00020,4015.5, -.00013, .00024, -.00009
Co2286,ppm, -.00041,.00019,45.973, -.00056, -.00020, -.00047
Cr2677,ppm, .00066,.00049,74.840, .00119, .00058, .00021
Cu3247,ppm, .00033,.00003,7.6590, .00035, .00034, .00030
Fe2599,ppm, .00131,.00069,52.561, .00203, .00125, .00066
K_7664,ppm, 380.31,2.8616,.75244, 382.75, 381.02, 377.16
Li6707,ppm, .18947,.00107,.56712, .18912, .19067, .18861
Mg2790,ppm, 1049.0,8.0828,.77053, 1055.9, 1051.0, 1040.1
Mn2576,ppm, .00074,.00006,7.5625, .00075, .00068, .00079
Mo2020,ppm, .00904,.00019,2.1289, .00923, .00904, .00885
Na5895,ppm, 3568.3,56.981,1.5969, 3609.0, 3592.8, 3503.2
Ni2316,ppm, -.00760,.00009,1.1775, -.00770, -.00754, -.00756
Pb2203,ppm, .00074,.00103,139.08, -.00044, .00145, .00120
Sb2068,ppm, -.00049,.00147,300.34, .00106, -.00187, -.00067
Se1960,ppm, .00375,.00102,27.213, .00379, .00475, .00271
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Sn1899,ppm, -.00146,.00018,12.315, -.00148, -.00127, -.00163
Sr4077,ppm, 6.2805,.07703,1.2265, 6.3661, 6.2586, 6.2168
Ti3349,ppm, .00411,.00035,8.4278, .00451, .00393, .00389
Tl1908,ppm, .00077,.00111,144.88, -.00042, .00095, .00178
V_2924,ppm, .00080,.00006,8.0509, .00075, .00088, .00078
Zn2138,ppm, -.02559,.00033,1.2713, -.02584, -.02571, -.02523

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 548.66,1.6597,.30250,550.41,548.45,547.11
Y_2243,Cts/S, 3418.5,14.125,.41319,3433.5,3416.6,3405.4
Y_3710,Cts/S, 61516.,120.19,.19538,61629.,61390.,61529.
Y_3710-2,Cts/S, 6214.6,55.743,.89697,6150.3,6245.4,6248.2

[Sample Header]
Method=icapns(v494)
SampleName=T59307-5F
Username=admin
Comment=
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Custom ID3=
Run Time=9/7/2010 17:59:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00051,.00083,162.57, .00144, -.00016, .00025
Al3961,ppm, .02026,.00753,37.170, .01162, .02544, .02372
As1890,ppm, .00125,.00165,131.99, -.00022, .00094, .00303
B_2089,ppm, 3.6445,.00214,.05880, 3.6434, 3.6431, 3.6469
Ba4554,ppm, .02300,.00010,.44413, .02305, .02288, .02307
Be3130,ppm, -.00002,.00001,29.638, -.00001, -.00003, -.00002
Ca3179,ppm, 313.71,1.6873,.53784, 313.72, 312.01, 315.38
Cd2288,ppm, -.00007,.00038,528.96, -.00040, -.00017, .00035
Co2286,ppm, -.00026,.00040,155.15, -.00048, -.00050, .00020
Cr2677,ppm, .00054,.00023,42.893, .00042, .00081, .00040
Cu3247,ppm, -.00002,.00045,1901.8, -.00050, .00005, .00038
Fe2599,ppm, -.00027,.00106,391.53, -.00090, -.00087, .00096
K_7664,ppm, 384.23,1.9081,.49659, 386.43, 382.96, 383.31
Li6707,ppm, .19025,.00114,.60171, .19087, .19096, .18893
Mg2790,ppm, 1051.9,6.6226,.62961, 1059.5, 1048.5, 1047.6
Mn2576,ppm, .00103,.00005,4.9577, .00103, .00108, .00098
Mo2020,ppm, .00893,.00028,3.0875, .00909, .00910, .00861
Na5895,ppm, 3685.4,45.489,1.2343, 3737.2, 3651.8, 3667.2
Ni2316,ppm, -.00755,.00017,2.2597, -.00743, -.00774, -.00747
Pb2203,ppm, -.00040,.00078,195.92, .00001, .00009, -.00130
Sb2068,ppm, -.00167,.00119,70.983, -.00031, -.00245, -.00227
Se1960,ppm, .00290,.00204,70.363, .00518, .00123, .00230
Sn1899,ppm, -.00128,.00085,66.654, -.00172, -.00030, -.00181
Sr4077,ppm, 6.3159,.04254,.67350, 6.3048, 6.2799, 6.3628
Ti3349,ppm, .00389,.00013,3.3464, .00398, .00374, .00394
Tl1908,ppm, -.00037,.00055,149.66, -.00044, .00021, -.00089
V_2924,ppm, .00031,.00031,99.798, .00064, .00028, .00002
Zn2138,ppm, -.03804,.00036,.93918, -.03846, -.03785, -.03782

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 539.02,2.6254,.48706,539.76,541.20,536.11
Y_2243,Cts/S, 3386.5,16.455,.48592,3393.6,3398.2,3367.6
Y_3710,Cts/S, 60199.,146.45,.24327,60043.,60333.,60221.
Y_3710-2,Cts/S, 6109.0,30.491,.49912,6079.0,6108.0,6139.9
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[Sample Header]
Method=icapns(v494)
SampleName=T59309-1F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 18:05:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00035,.00020,58.205, -.00023, -.00059, -.00023
Al3961,ppm, .01959,.01593,81.315, .01568, .03711, .00598
As1890,ppm, .00157,.00116,74.011, .00146, .00278, .00047
B_2089,ppm, 3.6716,.01043,.28403, 3.6753, 3.6599, 3.6797
Ba4554,ppm, .02522,.00021,.81760, .02546, .02507, .02515
Be3130,ppm, -.00002,.00001,55.699, -.00001, -.00001, -.00004
Ca3179,ppm, 313.52,1.4642,.46702, 314.69, 313.98, 311.88
Cd2288,ppm, .00018,.00009,51.983, .00011, .00015, .00029
Co2286,ppm, -.00035,.00038,108.10, .00006, -.00043, -.00069
Cr2677,ppm, .00046,.00038,83.130, .00074, .00002, .00061
Cu3247,ppm, .00039,.00048,123.62, -.00016, .00062, .00072
Fe2599,ppm, .00179,.00247,138.38, -.00107, .00322, .00321
K_7664,ppm, 386.32,3.3515,.86757, 388.00, 388.49, 382.46
Li6707,ppm, .18778,.00093,.49707, .18720, .18885, .18728
Mg2790,ppm, 1051.7,7.1492,.67979, 1054.6, 1056.9, 1043.5
Mn2576,ppm, .00652,.00002,.37991, .00650, .00652, .00655
Mo2020,ppm, .00863,.00026,2.9796, .00858, .00891, .00840
Na5895,ppm, 3675.7,64.589,1.7572, 3706.3, 3719.4, 3601.5
Ni2316,ppm, -.00753,.00011,1.4819, -.00751, -.00766, -.00744
Pb2203,ppm, -.00093,.00097,103.54, -.00204, -.00024, -.00052
Sb2068,ppm, -.00205,.00038,18.443, -.00187, -.00180, -.00249
Se1960,ppm, .00248,.00090,36.212, .00147, .00275, .00320
Sn1899,ppm, -.00142,.00016,11.339, -.00150, -.00152, -.00123
Sr4077,ppm, 6.4003,.06943,1.0848, 6.3890, 6.4747, 6.3372
Ti3349,ppm, .00373,.00027,7.1697, .00381, .00394, .00343
Tl1908,ppm, .00015,.00076,503.44, -.00033, .00102, -.00024
V_2924,ppm, .00094,.00079,83.972, .00009, .00109, .00164
Zn2138,ppm, -.02888,.00027,.92595, -.02903, -.02903, -.02857

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 550.22,1.6341,.29699,551.49,550.80,548.38
Y_2243,Cts/S, 3435.4,13.172,.38341,3434.8,3448.9,3422.6
Y_3710,Cts/S, 61246.,287.42,.46930,60998.,61177.,61561.
Y_3710-2,Cts/S, 6113.0,57.060,.93343,6073.5,6087.1,6178.4

[Sample Header]
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SampleName=T59309-2F
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 18:11:18
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00028,.00032,114.50, .00014, .00005, .00065
Al3961,ppm, .03932,.00904,22.999, .04807, .03001, .03987
As1890,ppm, .00143,.00066,46.328, .00073, .00205, .00151
B_2089,ppm, 3.5866,.00811,.22610, 3.5886, 3.5777, 3.5936
Ba4554,ppm, .02981,.00011,.38354, .02976, .02973, .02994
Be3130,ppm, -.00001,.00001,144.45, .00000, -.00001, .00000
Ca3179,ppm, 301.01,.86716,.28808, 300.28, 301.97, 300.79
Cd2288,ppm, -.00009,.00007,76.626, -.00014, -.00010, -.00001
Co2286,ppm, -.00025,.00029,116.83, -.00015, -.00057, -.00002
Cr2677,ppm, .00057,.00021,36.429, .00056, .00078, .00037
Cu3247,ppm, .00017,.00041,240.46, -.00016, .00004, .00064
Fe2599,ppm, .00568,.00227,39.978, .00643, .00749, .00313
K_7664,ppm, 365.09,1.0180,.27884, 364.64, 364.38, 366.26
Li6707,ppm, .18077,.00108,.59622, .17979, .18059, .18192
Mg2790,ppm, 1002.6,2.2778,.22720, 1002.9, 1000.1, 1004.6
Mn2576,ppm, .00185,.00004,2.0890, .00184, .00189, .00182
Mo2020,ppm, .00856,.00022,2.6052, .00831, .00873, .00866
Na5895,ppm, 3519.4,53.221,1.5122, 3458.0, 3550.7, 3549.6
Ni2316,ppm, -.00718,.00018,2.4438, -.00699, -.00721, -.00734
Pb2203,ppm, -.00121,.00150,124.45, .00046, -.00246, -.00163
Sb2068,ppm, -.00173,.00115,66.365, -.00305, -.00106, -.00107
Se1960,ppm, .00203,.00135,66.610, .00219, .00328, .00060
Sn1899,ppm, -.00145,.00005,3.3699, -.00149, -.00147, -.00140
Sr4077,ppm, 6.0496,.03295,.54459, 6.0122, 6.0625, 6.0742
Ti3349,ppm, .00357,.00033,9.2377, .00322, .00387, .00363
Tl1908,ppm, -.00072,.00035,48.674, -.00106, -.00036, -.00073
V_2924,ppm, .00149,.00046,31.049, .00095, .00174, .00176
Zn2138,ppm, -.01834,.00011,.57645, -.01831, -.01825, -.01845

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 544.45,4.7168,.86635,549.00,544.77,539.58
Y_2243,Cts/S, 3398.4,15.592,.45880,3410.4,3404.0,3380.8
Y_3710,Cts/S, 61380.,177.87,.28978,61198.,61553.,61389.
Y_3710-2,Cts/S, 6299.7,20.990,.33319,6322.0,6296.9,6280.3

[Sample Header]
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Username=admin
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Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 18:17:21
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .25215,.00123,.48920, .25087, .25224, .25333,Chk Pass,,
Al3961,ppm, 40.334,.10646,.26394, 40.252, 40.454, 40.295,Chk Pass,,
As1890,ppm, 1.9839,.01412,.71182, 1.9766, 1.9749, 2.0002,Chk Pass,,
B_2089,ppm, 2.0129,.00989,.49118, 2.0101, 2.0047, 2.0239,Chk Pass,,
Ba4554,ppm, 2.0535,.00243,.11813, 2.0507, 2.0545, 2.0552,Chk Pass,,
Be3130,ppm, 1.9546,.01381,.70660, 1.9596, 1.9653, 1.9390,Chk Pass,,
Ca3179,ppm, 39.236,.04453,.11350, 39.195, 39.284, 39.230,Chk Pass,,
Cd2288,ppm, 1.9890,.01163,.58470, 1.9828, 1.9817, 2.0024,Chk Pass,,
Co2286,ppm, 1.9690,.01294,.65718, 1.9609, 1.9623, 1.9840,Chk Pass,,
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Cr2677,ppm, 1.9501,.00343,.17565, 1.9497, 1.9537, 1.9468,Chk Pass,,
Cu3247,ppm, 1.9917,.00333,.16699, 1.9920, 1.9882, 1.9948,Chk Pass,,
Fe2599,ppm, 39.378,.07404,.18802, 39.317, 39.460, 39.357,Chk Pass,,
K_7664,ppm, 40.923,.09513,.23247, 40.836, 41.025, 40.907,Chk Pass,,
Li6707,ppm, 2.0117,.00143,.07131, 2.0105, 2.0133, 2.0114,Chk Pass,,
Mg2790,ppm, 38.624,.07893,.20435, 38.558, 38.711, 38.603,Chk Pass,,
Mn2576,ppm, 1.9609,.00394,.20071, 1.9605, 1.9649, 1.9571,Chk Pass,,
Mo2020,ppm, 1.9630,.01244,.63389, 1.9572, 1.9545, 1.9773,Chk Pass,,
Na5895,ppm, 42.954,.12037,.28024, 43.070, 42.963, 42.830,Chk Pass,,
Ni2316,ppm, 1.9312,.01095,.56679, 1.9250, 1.9248, 1.9438,Chk Pass,,
Pb2203,ppm, 1.9072,.00890,.46664, 1.9018, 1.9023, 1.9174,Chk Pass,,
Sb2068,ppm, 1.9971,.01112,.55678, 1.9913, 1.9901, 2.0099,Chk Pass,,
Se1960,ppm, 2.0056,.01546,.77087, 1.9947, 1.9988, 2.0233,Chk Pass,,
Sn1899,ppm, 1.9852,.01384,.69728, 1.9759, 1.9786, 2.0011,Chk Pass,,
Sr4077,ppm, 2.0341,.00363,.17848, 2.0306, 2.0378, 2.0339,Chk Pass,,
Ti3349,ppm, 1.9689,.00260,.13225, 1.9684, 1.9718, 1.9666,Chk Pass,,
Tl1908,ppm, 1.9711,.00882,.44725, 1.9645, 1.9678, 1.9811,Chk Pass,,
V_2924,ppm, 1.9445,.00140,.07219, 1.9449, 1.9456, 1.9429,Chk Pass,,
Zn2138,ppm, 1.9888,.01237,.62200, 1.9822, 1.9811, 2.0031,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 816.59,2.9854,.36560,818.15,818.46,813.14
Y_2243,Cts/S, 4634.1,18.262,.39408,4641.4,4647.5,4613.3
Y_3710,Cts/S, 84698.,823.78,.97260,84591.,83934.,85571.
Y_3710-2,Cts/S, 7030.1,29.101,.41395,7055.0,6998.1,7037.2

[Sample Header]
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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 18:22:51
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .00061,.00040,65.516, .00106, .00039, .00036,Chk Pass,,
Al3961,ppm, .00784,.01365,173.98, .02360, -.00031, .00024,Chk Pass,,
As1890,ppm, .00219,.00099,45.313, .00105, .00289, .00263,Chk Pass,,
B_2089,ppm, .00634,.00047,7.4402, .00688, .00600, .00614,Chk Pass,,
Ba4554,ppm, -.00018,.00011,62.566, -.00020, -.00027, -.00005,Chk Pass,,
Be3130,ppm, .00003,.00000,8.2136, .00003, .00003, .00003,Chk Pass,,
Ca3179,ppm, .00527,.00151,28.565, .00460, .00700, .00422,Chk Pass,,
Cd2288,ppm, -.00002,.00008,479.60, .00005, -.00010, .00001,Chk Pass,,
Co2286,ppm, -.00027,.00015,55.295, -.00018, -.00044, -.00018,Chk Pass,,
Cr2677,ppm, -.00011,.00016,144.99, .00007, -.00019, -.00021,Chk Pass,,
Cu3247,ppm, -.00004,.00024,664.43, -.00021, .00024, -.00013,Chk Pass,,
Fe2599,ppm, .00075,.00255,339.29, -.00102, -.00040, .00368,Chk Pass,,
K_7664,ppm, .36052,.02391,6.6310, .37559, .33296, .37302,Chk Pass,,
Li6707,ppm, -.00098,.00085,86.494, -.00143, -.00151, .00000,Chk Pass,,
Mg2790,ppm, .01663,.00588,35.363, .01232, .02333, .01424,Chk Pass,,
Mn2576,ppm, .00000,.00001,613.13, -.00001, -.00001, .00001,Chk Pass,,
Mo2020,ppm, .00010,.00017,170.88, -.00004, .00005, .00029,Chk Pass,,
Na5895,ppm, 3.0671,.00605,.19732, 3.0714, 3.0697, 3.0602,Chk Pass,,
Ni2316,ppm, .00012,.00018,152.77, .00010, .00031, -.00005,Chk Pass,,
Pb2203,ppm, .00000,.00020,16841., -.00008, -.00015, .00023,Chk Pass,,
Sb2068,ppm, -.00024,.00066,275.21, -.00071, -.00054, .00052,Chk Pass,,
Se1960,ppm, .00057,.00091,161.05, .00015, -.00006, .00161,Chk Pass,,
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Sn1899,ppm, -.00024,.00012,49.254, -.00036, -.00013, -.00021,Chk Pass,,
Sr4077,ppm, .00027,.00009,33.934, .00017, .00032, .00033,Chk Pass,,
Ti3349,ppm, .00031,.00016,51.743, .00022, .00049, .00022,Chk Pass,,
Tl1908,ppm, .00070,.00040,56.799, .00051, .00115, .00043,Chk Pass,,
V_2924,ppm, -.00007,.00026,353.75, .00009, -.00037, .00006,Chk Pass,,
Zn2138,ppm, -.00012,.00003,23.275, -.00012, -.00009, -.00015,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 961.17,.91480,.09518,960.36,962.16,960.99
Y_2243,Cts/S, 4907.1,2.4244,.04941,4908.3,4908.8,4904.4
Y_3710,Cts/S, 90418.,141.33,.15631,90462.,90260.,90532.
Y_3710-2,Cts/S, 7218.6,43.803,.60681,7177.5,7213.6,7264.7

[Sample Header]
Method=icapns(v494)
SampleName=MP12737-MB1
Username=admin
Comment=Tclp Ag
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/7/2010 18:28:33
Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00142,.00151,106.46, .00156, -.00016, .00285
Al3961,ppm, .11786,.02365,20.065, .10445, .10396, .14516
As1890,ppm, .00835,.00637,76.273, .00298, .01538, .00668
B_2089,ppm, .14177,.00208,1.4648, .14329, .14262, .13940
Ba4554,ppm, .02791,.00037,1.3330, .02748, .02810, .02814
Be3130,ppm, .00002,.00005,220.39, .00004, .00007, -.00003
Ca3179,ppm, 1.1196,.00701,.62643, 1.1269, 1.1129, 1.1190
Cd2288,ppm, .01165,.00058,4.9418, .01099, .01193, .01204
Co2286,ppm, -.00042,.00037,88.690, -.00043, -.00004, -.00078
Cr2677,ppm, -.00100,.00158,157.57, -.00230, .00076, -.00147
Cu3247,ppm, .00350,.00221,63.046, .00356, .00127, .00568
Fe2599,ppm, .02003,.00640,31.964, .02728, .01768, .01514
K_7664,ppm, 2.5085,.08852,3.5287, 2.5496, 2.5690, 2.4069
Li6707,ppm, -.00512,.00434,84.680, -.00666, -.00022, -.00848
Mg2790,ppm, .49993,.01496,2.9931, .50659, .48280, .51042
Mn2576,ppm, .00434,.00030,6.8992, .00422, .00412, .00468
Mo2020,ppm, .00049,.00035,71.227, .00047, .00084, .00015
Na5895,ppm, 1338.8,9.6586,.72141, 1349.4, 1330.4, 1336.8
Ni2316,ppm, .00154,.00045,29.372, .00170, .00103, .00190
Pb2203,ppm, .00193,.00205,106.52, -.00024, .00384, .00217
Sb2068,ppm, -.00495,.00361,72.889, -.00088, -.00621, -.00777
Se1960,ppm, -.00236,.00844,357.50, -.01055, .00506, -.00060
Sn1899,ppm, .00076,.00131,173.09, .00089, -.00061, .00199
Sr4077,ppm, .00582,.00016,2.7321, .00565, .00584, .00597
Ti3349,ppm, .00037,.00055,147.83, -.00026, .00072, .00066
Tl1908,ppm, -.00254,.00306,120.37, .00083, -.00514, -.00330
V_2924,ppm, .00057,.00127,223.23, .00195, -.00056, .00033
Zn2138,ppm, .09924,.00009,.08737, .09922, .09934, .09917

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 827.68,2.1603,.26101,828.98,828.87,825.18
Y_2243,Cts/S, 4593.0,5.7581,.12537,4594.5,4597.8,4586.6
Y_3710,Cts/S, 83533.,110.88,.13274,83514.,83651.,83432.
Y_3710-2,Cts/S, 7070.1,25.900,.36633,7098.1,7065.3,7047.0
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14.2

14

NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

Zoom In ▶
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[Results]
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Al3961,Cts/S, -.00262,.00052,20.026,  -.00228,  -.00323,  -.00236
As1890,Cts/S, .00005,.00013,266.14,  .00006,  .00017,  -.00009
B_2089,Cts/S, .00171,.00016,9.1606,  .00180,  .00153,  .00179
Ba4554,Cts/S, .00291,.00205,70.437,  .00071,  .00326,  .00476
Be3130,Cts/S, .00014,.00004,26.690,  .00016,  .00015,  .00009
Ca3179,Cts/S, .00667,.00013,1.9554,  .00680,  .00665,  .00654
Cd2288,Cts/S, .00018,.00005,28.236,  .00022,  .00020,  .00012
Co2286,Cts/S, .00034,.00015,44.979,  .00045,  .00041,  .00017
Cr2677,Cts/S, .00005,.00002,43.057,  .00004,  .00003,  .00007
Cu3247,Cts/S, .00056,.00003,5.7766,  .00052,  .00058,  .00057
Fe2599,Cts/S, -.00005,.00008,169.80,  -.00013,  -.00005,  .00004
K_7664,Cts/S, -.01560,.00204,13.058,  -.01403,  -.01487,  -.01790
Li6707,Cts/S, -.00895,.00073,8.1228,  -.00938,  -.00811,  -.00936
Mg2790,Cts/S, .00040,.00021,53.208,  .00050,  .00016,  .00055
Mn2576,Cts/S, .00005,.00005,99.977,  .00001,  .00004,  .00012
Mo2020,Cts/S, .00051,.00005,10.434,  .00045,  .00054,  .00055
Na5895,Cts/S, -.00350,.00115,33.038,  -.00217,  -.00427,  -.00405
Ni2316,Cts/S, -.00067,.00107,159.28,  -.00171,  -.00075,  .00043
Pb2203,Cts/S, .00211,.00062,29.160,  .00269,  .00147,  .00217
Sb2068,Cts/S, .00014,.00038,264.18,  -.00015,  .00057,  .00000
Se1960,Cts/S, .00011,.00024,213.18,  .00027,  .00024,  -.00017
Sn1899,Cts/S, -.00005,.00015,306.77,  .00002,  -.00023,  .00006
Sr4077,Cts/S, -.00449,.00092,20.542,  -.00527,  -.00347,  -.00473
Ti3349,Cts/S, -.00036,.00008,21.382,  -.00035,  -.00044,  -.00029
Tl1908,Cts/S, -.00082,.00082,100.01,  -.00082,  .00000,  -.00163
V_2924,Cts/S, -.00003,.00003,111.28,  .00000,  -.00006,  -.00002
Zn2138,Cts/S, .00247,.00024,9.7665,  .00237,  .00229,  .00274

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 821.78,1.9957,.24285,823.75,819.76,821.84
Y_2243,Cts/S, 4090.2,8.2292,.20119,4097.6,4081.3,4091.8
Y_3710,Cts/S, 83460.,174.61,.20921,83662.,83359.,83361.
Y_3710-2,Cts/S, 7048.4,33.558,.47611,7010.1,7072.7,7062.4

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Zoom Out

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,Cts/S, .02442,.00007,.28015,  .02441,  .02449,  .02436
Al3961,Cts/S, 3.1829,.00694,.21809,  3.1777,  3.1801,  3.1908
As1890,Cts/S, .21128,.00046,.21802,  .21082,  .21128,  .21175
B_2089,Cts/S, .90736,.00069,.07598,  .90671,  .90729,  .90808
Ba4554,Cts/S, 9.4309,.02966,.31451,  9.4167,  9.4109,  9.4650
Be3130,Cts/S, 9.8919,.08745,.88410,  9.9906,  9.8614,  9.8238
Ca3179,Cts/S, 9.5964,.02291,.23871,  9.5821,  9.5843,  9.6228
Cd2288,Cts/S, 1.8014,.00242,.13414,  1.8011,  1.7992,  1.8040
Co2286,Cts/S, 1.9824,.00258,.13005,  1.9833,  1.9796,  1.9845
Cr2677,Cts/S, .24262,.00012,.05043,  .24275,  .24252,  .24257
Cu3247,Cts/S, .35153,.00092,.26313,  .35053,  .35170,  .35235
Fe2599,Cts/S, 5.3854,.01449,.26911,  5.3770,  5.3771,  5.4022
K_7664,Cts/S, 2.5947,.00844,.32535,  2.5906,  2.5892,  2.6044
Li6707,Cts/S, 3.0920,.00701,.22673,  3.0891,  3.0869,  3.1000
Mg2790,Cts/S, 1.0278,.00249,.24208,  1.0260,  1.0268,  1.0307
Mn2576,Cts/S, 1.3950,.00083,.05967,  1.3956,  1.3941,  1.3954
Mo2020,Cts/S, 2.3034,.00524,.22736,  2.2984,  2.3031,  2.3088
Na5895,Cts/S, 10.133,.02181,.21527,  10.118,  10.122,  10.158
Ni2316,Cts/S, 8.8221,.03366,.38150,  8.7907,  8.8179,  8.8576
Pb2203,Cts/S, 2.8381,.00854,.30073,  2.8354,  2.8313,  2.8477
Sb2068,Cts/S, .32890,.00016,.04802,  .32899,  .32871,  .32898
Se1960,Cts/S, .17192,.00025,.14453,  .17193,  .17215,  .17166
Sn1899,Cts/S, .68206,.00125,.18286,  .68239,  .68069,  .68312
Sr4077,Cts/S, 21.158,.04811,.22738,  21.127,  21.134,  21.214
Ti3349,Cts/S, .44912,.00003,.00617,  .44910,  .44913,  .44915
Tl1908,Cts/S, 2.5493,.00939,.36841,  2.5450,  2.5429,  2.5601
V_2924,Cts/S, .27323,.00005,.01911,  .27319,  .27321,  .27329
Zn2138,Cts/S, 6.0571,.00778,.12851,  6.0555,  6.0503,  6.0656

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 712.06,2.7514,.38641,715.14,711.17,709.86
Y_2243,Cts/S, 3967.6,10.116,.25497,3978.4,3958.3,3966.0
Y_3710,Cts/S, 80346.,357.93,.44549,79962.,80406.,80670.
Y_3710-2,Cts/S, 7110.5,12.674,.17824,7115.0,7120.2,7096.1

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Al3961,Cts/S, 6.4496,.02805,.43498,  6.4291,  6.4816,  6.4381
As1890,Cts/S, .42863,.00210,.48915,  .42867,  .42651,  .43070
B_2089,Cts/S, 1.8115,.00844,.46579,  1.8114,  1.8030,  1.8199
Ba4554,Cts/S, 18.995,.06655,.35038,  18.957,  19.072,  18.955
Be3130,Cts/S, 19.584,.08370,.42736,  19.488,  19.640,  19.625
Ca3179,Cts/S, 19.196,.07523,.39188,  19.141,  19.282,  19.166
Cd2288,Cts/S, 3.6403,.01334,.36636,  3.6379,  3.6284,  3.6547
Co2286,Cts/S, 3.9310,.01481,.37676,  3.9317,  3.9158,  3.9454
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Cr2677,Cts/S, .48370,.00119,.24642,  .48438,  .48441,  .48233
Cu3247,Cts/S, .70739,.00154,.21832,  .70886,  .70751,  .70578
Fe2599,Cts/S, 10.719,.03247,.30290,  10.694,  10.756,  10.708
K_7664,Cts/S, 5.2835,.01850,.35019,  5.2661,  5.3029,  5.2814
Li6707,Cts/S, 6.2268,.01961,.31486,  6.2089,  6.2477,  6.2236
Mg2790,Cts/S, 2.0451,.00668,.32669,  2.0390,  2.0523,  2.0441
Mn2576,Cts/S, 2.7552,.00309,.11214,  2.7561,  2.7577,  2.7517
Mo2020,Cts/S, 4.5460,.01980,.43557,  4.5423,  4.5284,  4.5674
Na5895,Cts/S, 20.385,.06864,.33674,  20.341,  20.464,  20.349
Ni2316,Cts/S, 18.266,.03352,.18348,  18.283,  18.228,  18.288
Pb2203,Cts/S, 5.8290,.00916,.15711,  5.8396,  5.8229,  5.8246
Sb2068,Cts/S, .66515,.00192,.28865,  .66505,  .66329,  .66712
Se1960,Cts/S, .34721,.00101,.29023,  .34683,  .34645,  .34836
Sn1899,Cts/S, 1.3344,.00487,.36507,  1.3340,  1.3297,  1.3394
Sr4077,Cts/S, 41.509,.49360,1.1892,  40.959,  41.652,  41.914
Ti3349,Cts/S, .89291,.00059,.06575,  .89319,  .89330,  .89223
Tl1908,Cts/S, 5.1768,.00811,.15666,  5.1830,  5.1676,  5.1798
V_2924,Cts/S, .54171,.00114,.20970,  .54276,  .54186,  .54050
Zn2138,Cts/S, 12.192,.04613,.37835,  12.189,  12.148,  12.240

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 662.13,1.2973,.19592,661.37,663.63,661.39
Y_2243,Cts/S, 3858.6,16.657,.43168,3858.1,3875.5,3842.2
Y_3710,Cts/S, 78126.,193.96,.24827,78250.,77902.,78225.
Y_3710-2,Cts/S, 7003.5,64.308,.91822,7077.8,6965.5,6967.3

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Al3961,ppm, 5.1482,.01622,.31508, 5.1661, 5.1438, 5.1346,Chk Pass,,
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B_2089,ppm, 3.0352,.00405,.13329, 3.0349, 3.0313, 3.0394,Chk Pass,,
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Ca3179,ppm, 5.0811,.01389,.27334, 5.0943, 5.0666, 5.0824,Chk Pass,,
Cd2288,ppm, 2.9862,.00513,.17185, 2.9825, 2.9839, 2.9920,Chk Pass,,
Co2286,ppm, 3.1160,.00378,.12127, 3.1147, 3.1130, 3.1202,Chk Pass,,
Cr2677,ppm, 2.9841,.00663,.22223, 2.9894, 2.9862, 2.9767,Chk Pass,,
Cu3247,ppm, 3.0559,.00363,.11893, 3.0543, 3.0533, 3.0600,Chk Pass,,
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Mg2790,ppm, 5.0537,.01774,.35098, 5.0339, 5.0681, 5.0592,Chk Pass,,
Mn2576,ppm, 3.0299,.00640,.21139, 3.0364, 3.0295, 3.0236,Chk Pass,,
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Na5895,ppm, 5.0150,.01557,.31047, 5.0273, 4.9975, 5.0204,Chk Pass,,
Ni2316,ppm, 2.8658,.00494,.17229, 2.8697, 2.8602, 2.8675,Chk Pass,,
Pb2203,ppm, 2.8650,.00699,.24413, 2.8654, 2.8578, 2.8718,Chk Pass,,
Sb2068,ppm, 3.0131,.00426,.14133, 3.0120, 3.0094, 3.0178,Chk Pass,,
Se1960,ppm, 2.9463,.00411,.13963, 2.9416, 2.9484, 2.9490,Chk Pass,,
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Sn1899,ppm, 3.0611,.00070,.02289, 3.0611, 3.0618, 3.0604,Chk Pass,,
Sr4077,ppm, 3.0212,.00516,.17085, 3.0260, 3.0157, 3.0219,Chk Pass,,
Ti3349,ppm, 2.9447,.00298,.10123, 2.9450, 2.9475, 2.9416,Chk Pass,,
Tl1908,ppm, 2.9401,.00896,.30490, 2.9416, 2.9305, 2.9482,Chk Pass,,
V_2924,ppm, 2.9557,.00631,.21349, 2.9608, 2.9576, 2.9486,Chk Pass,,
Zn2138,ppm, 2.9908,.00475,.15881, 2.9877, 2.9883, 2.9962,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 765.09,.87535,.11441,765.19,765.90,764.16
Y_2243,Cts/S, 4015.3,5.3992,.13447,4020.8,4015.1,4010.0
Y_3710,Cts/S, 82989.,462.49,.55730,82634.,82820.,83512.
Y_3710-2,Cts/S, 7216.9,7.6054,.10538,7208.1,7222.0,7220.5

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[Results]
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Al3961,ppm, .00035,.01186,3383.0, .00688, -.01334, .00751,Chk Pass,,
As1890,ppm, .00057,.00076,134.24, .00073, .00123, -.00026,Chk Pass,,
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Be3130,ppm, .00006,.00001,14.386, .00007, .00006, .00005,Chk Pass,,
Ca3179,ppm, -.00174,.00149,85.388, -.00003, -.00275, -.00244,Chk Pass,,
Cd2288,ppm, .00009,.00003,38.163, .00010, .00005, .00012,Chk Pass,,
Co2286,ppm, .00004,.00015,407.52, .00014, .00010, -.00013,Chk Pass,,
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Sb2068,ppm, .00137,.00129,93.732, .00183, -.00008, .00237,Chk Pass,,
Se1960,ppm, .00128,.00151,117.96, .00029, .00053, .00302,Chk Pass,,
Sn1899,ppm, .00046,.00021,45.355, .00068, .00026, .00043,Chk Pass,,
Sr4077,ppm, .00009,.00009,103.26, .00019, .00005, .00002,Chk Pass,,
Ti3349,ppm, .00011,.00024,209.74, -.00003, .00039, -.00002,Chk Pass,,
Tl1908,ppm, .00008,.00093,1219.6, -.00093, .00089, .00026,Chk Pass,,
V_2924,ppm, -.00002,.00013,692.07, .00003, -.00017, .00008,Chk Pass,,
Zn2138,ppm, .00262,.00148,56.407, .00154, .00430, .00202,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 815.24,.70309,.08624,814.66,816.03,815.05
Y_2243,Cts/S, 4080.5,11.555,.28317,4081.7,4091.3,4068.3
Y_3710,Cts/S, 84076.,682.78,.81210,83925.,83481.,84821.
Y_3710-2,Cts/S, 7183.2,75.964,1.0575,7239.7,7096.9,7213.1
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Be3130,ppm, .00492,.00003,.67089, .00496, .00492, .00489,Chk Pass,,
Ca3179,ppm, 5.1484,.00539,.10460, 5.1524, 5.1423, 5.1506,Chk Pass,,
Cd2288,ppm, .00400,.00010,2.5132, .00407, .00405, .00389,Chk Pass,,
Co2286,ppm, .05104,.00018,.36205, .05093, .05126, .05095,Chk Pass,,
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Mg2790,ppm, 5.1805,.00989,.19092, 5.1915, 5.1778, 5.1722,Chk Pass,,
Mn2576,ppm, .01649,.00003,.19704, .01653, .01648, .01647,Chk Pass,,
Mo2020,ppm, .01067,.00023,2.1116, .01078, .01041, .01082,Chk Pass,,
Na5895,ppm, 5.0048,.01368,.27330, 5.0148, 4.9892, 5.0104,Chk Pass,,
Ni2316,ppm, .03702,.00012,.33161, .03704, .03713, .03689,Chk Pass,,
Pb2203,ppm, .00372,.00068,18.302, .00316, .00353, .00448,Chk Pass,,
Sb2068,ppm, .00524,.00051,9.8301, .00550, .00557, .00465,Chk Pass,,
Se1960,ppm, .00660,.00050,7.6343, .00699, .00677, .00603,Chk Pass,,
Sn1899,ppm, .02282,.00012,.53176, .02287, .02291, .02268,Chk Pass,,
Sr4077,ppm, .02031,.00009,.44526, .02025, .02028, .02042,Chk Pass,,
Ti3349,ppm, .02042,.00028,1.3586, .02062, .02010, .02054,Chk Pass,,
Tl1908,ppm, .00931,.00035,3.7250, .00915, .00906, .00970,Chk Pass,,
V_2924,ppm, .04953,.00005,.09858, .04949, .04950, .04958,Chk Pass,,
Zn2138,ppm,F .03338,.00016,.46721, .03340, .03322, .03353,Chk Fail,.02000,50.000%

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 798.39,.65970,.08263,797.81,799.11,798.25
Y_2243,Cts/S, 4048.8,7.8528,.19395,4050.5,4055.6,4040.2
Y_3710,Cts/S, 83255.,399.24,.47953,82989.,83714.,83062.
Y_3710-2,Cts/S, 7203.5,19.811,.27503,7186.1,7225.0,7199.3

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Zoom In
Zoom Out

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
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Al3961,ppm, 509.81,11.052,2.1680, 521.91, 500.25, 507.27,Chk Pass,,
As1890,ppm, -.00164,.00273,166.35, -.00423, -.00191, .00122,Chk Pass,,
B_2089,ppm, -.00622,.00026,4.2161, -.00638, -.00592, -.00637,Chk Pass,,
Ba4554,ppm, -.00241,.00020,8.4643, -.00264, -.00228, -.00231,Chk Pass,,
Be3130,ppm, .00005,.00000,3.7484, .00005, .00004, .00005,Chk Pass,,
Ca3179,ppm, 373.81,1.2525,.33506, 374.44, 374.63, 372.37,Chk Pass,,
Cd2288,ppm, -.00185,.00023,12.344, -.00207, -.00188, -.00161,Chk Pass,,
Co2286,ppm, -.00905,.00031,3.4106, -.00907, -.00935, -.00873,Chk Pass,,
Cr2677,ppm, .00535,.00026,4.9317, .00526, .00565, .00514,Chk Pass,,
Cu3247,ppm, -.01714,.00034,1.9882, -.01699, -.01691, -.01754,Chk Pass,,
Fe2599,ppm, 189.65,2.0638,1.0882, 192.04, 188.51, 188.42,Chk Pass,,
K_7664,ppm, .04854,.05011,103.23, .03548, .10388, .00625,Chk Pass,,
Li6707,ppm, .00700,.00119,17.052, .00832, .00601, .00666,Chk Pass,,
Mg2790,ppm, 509.13,1.2559,.24667, 508.87, 508.03, 510.50,Chk Pass,,
Mn2576,ppm, -.00805,.00004,.50434, -.00805, -.00801, -.00809,Chk Pass,,
Mo2020,ppm, -.00064,.00022,34.082, -.00046, -.00058, -.00088,Chk Pass,,
Na5895,ppm, -.01133,.00317,28.024, -.01247, -.01378, -.00774,Chk Pass,,
Ni2316,ppm, -.00433,.00032,7.4375, -.00464, -.00400, -.00436,Chk Pass,,
Pb2203,ppm, -.00443,.00076,17.113, -.00375, -.00429, -.00525,Chk Pass,,
Sb2068,ppm, -.00595,.00377,63.343, -.00885, -.00730, -.00169,Chk Pass,,
Se1960,ppm, .00650,.00407,62.614, .01119, .00392, .00438,Chk Pass,,
Sn1899,ppm, .00117,.00091,78.301, .00205, .00121, .00023,Chk Pass,,
Sr4077,ppm, .00440,.00004,.83361, .00444, .00437, .00440,Chk Pass,,
Ti3349,ppm, .00379,.00013,3.4869, .00369, .00394, .00373,Chk Pass,,
Tl1908,ppm, -.00510,.00183,35.938, -.00722, -.00394, -.00415,Chk Pass,,
V_2924,ppm, -.00764,.00069,9.0184, -.00821, -.00688, -.00784,Chk Pass,,
Zn2138,ppm, -.02169,.00043,2.0009, -.02218, -.02148, -.02139,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 569.89,1.7987,.31561,570.48,571.32,567.87
Y_2243,Cts/S, 3625.0,5.8383,.16106,3621.9,3631.7,3621.3
Y_3710,Cts/S, 73472.,28.233,.03843,73503.,73450.,73462.
Y_3710-2,Cts/S, 6984.4,40.321,.57730,6952.0,7029.5,6971.6

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[Results]
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Al3961,ppm, 507.55,1.0876,.21427, 508.75, 507.28, 506.62,Chk Pass,,
As1890,ppm, 1.0065,.00556,.55197, 1.0019, 1.0049, 1.0127,Chk Pass,,
B_2089,ppm, .01349,.00115,8.5472, .01472, .01243, .01331,None,,
Ba4554,ppm, .53103,.00167,.31486, .53238, .52916, .53155,Chk Pass,,
Be3130,ppm, .51266,.00156,.30453, .51133, .51228, .51438,Chk Pass,,
Ca3179,ppm, 371.23,5.2970,1.4269, 365.63, 371.88, 376.17,Chk Pass,,
Cd2288,ppm, 1.0435,.00430,.41166, 1.0422, 1.0399, 1.0482,Chk Pass,,
Co2286,ppm, .45511,.00151,.33238, .45430, .45416, .45685,Chk Pass,,
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Cr2677,ppm, .48976,.00205,.41786, .48857, .48860, .49213,Chk Pass,,
Cu3247,ppm, .50927,.00025,.04899, .50904, .50923, .50953,Chk Pass,,
Fe2599,ppm, 187.99,2.0868,1.1101, 187.42, 186.24, 190.30,Chk Pass,,
K_7664,ppm, .03501,.01144,32.688, .02783, .02899, .04820,None,,
Li6707,ppm, .00747,.00201,26.876, .00956, .00728, .00556,None,,
Mg2790,ppm, 501.27,.94585,.18869, 501.77, 500.18, 501.87,Chk Pass,,
Mn2576,ppm, .48836,.00168,.34408, .48735, .48743, .49030,Chk Pass,,
Mo2020,ppm, .49037,.00256,.52280, .48874, .48905, .49333,Chk Pass,,
Na5895,ppm, -.01046,.00199,19.033, -.00832, -.01081, -.01225,None,,
Ni2316,ppm, .98855,.00453,.45789, .98824, .98418, .99322,Chk Pass,,
Pb2203,ppm, 1.0219,.00505,.49450, 1.0234, 1.0162, 1.0260,Chk Pass,,
Sb2068,ppm, 1.0255,.00881,.85947, 1.0210, 1.0197, 1.0356,Chk Pass,,
Se1960,ppm, .98381,.00297,.30156, .98568, .98039, .98537,Chk Pass,,
Sn1899,ppm, -.00028,.00046,166.48, -.00021, .00015, -.00076,None,,
Sr4077,ppm, .00442,.00007,1.5242, .00436, .00449, .00440,None,,
Ti3349,ppm, .00428,.00017,3.9924, .00413, .00423, .00446,None,,
Tl1908,ppm, 1.0302,.00348,.33776, 1.0297, 1.0269, 1.0338,Chk Pass,,
V_2924,ppm, .48289,.00110,.22881, .48220, .48230, .48416,Chk Pass,,
Zn2138,ppm, .99545,.00423,.42530, .99413, .99203, 1.0002,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 571.56,3.0996,.54231,573.84,572.80,568.03
Y_2243,Cts/S, 3624.4,25.210,.69556,3648.4,3626.8,3598.1
Y_3710,Cts/S, 73605.,256.60,.34862,73787.,73716.,73311.
Y_3710-2,Cts/S, 7115.8,32.944,.46296,7139.6,7129.7,7078.2

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[Results]
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Al3961,ppm, 40.150,.09653,.24043, 40.074, 40.259, 40.117,Chk Pass,,
As1890,ppm, 1.9695,.01236,.62774, 1.9626, 1.9621, 1.9838,Chk Pass,,
B_2089,ppm, 2.0158,.00911,.45197, 2.0080, 2.0135, 2.0258,Chk Pass,,
Ba4554,ppm, 2.0195,.00268,.13284, 2.0177, 2.0226, 2.0182,Chk Pass,,
Be3130,ppm, 1.9619,.02894,1.4751, 1.9289, 1.9738, 1.9830,Chk Pass,,
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Cd2288,ppm, 1.9858,.00709,.35729, 1.9816, 1.9818, 1.9940,Chk Pass,,
Co2286,ppm, 1.9772,.00336,.16971, 1.9752, 1.9753, 1.9811,Chk Pass,,
Cr2677,ppm, 1.9334,.00745,.38540, 1.9258, 1.9337, 1.9407,Chk Pass,,
Cu3247,ppm, 1.9650,.00294,.14951, 1.9676, 1.9618, 1.9656,Chk Pass,,
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K_7664,ppm, 39.901,.06426,.16106, 39.828, 39.949, 39.925,Chk Pass,,
Li6707,ppm, 1.9774,.00235,.11909, 1.9765, 1.9800, 1.9756,Chk Pass,,
Mg2790,ppm, 39.266,.07363,.18752, 39.213, 39.350, 39.234,Chk Pass,,
Mn2576,ppm, 1.9608,.00369,.18841, 1.9565, 1.9632, 1.9626,Chk Pass,,
Mo2020,ppm, 2.0124,.00712,.35359, 2.0076, 2.0090, 2.0205,Chk Pass,,
Na5895,ppm, 39.973,.04488,.11228, 39.957, 40.023, 39.938,Chk Pass,,
Ni2316,ppm, 1.9371,.00447,.23050, 1.9338, 1.9354, 1.9422,Chk Pass,,
Pb2203,ppm, 1.9135,.00124,.06495, 1.9145, 1.9139, 1.9121,Chk Pass,,
Sb2068,ppm, 1.9908,.00738,.37080, 1.9835, 1.9907, 1.9983,Chk Pass,,
Se1960,ppm, 1.9436,.00669,.34447, 1.9361, 1.9455, 1.9491,Chk Pass,,
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Sn1899,ppm, 1.9595,.00260,.13271, 1.9577, 1.9584, 1.9625,Chk Pass,,
Sr4077,ppm, 2.0085,.00360,.17911, 2.0070, 2.0126, 2.0058,Chk Pass,,
Ti3349,ppm, 1.9517,.00353,.18110, 1.9481, 1.9518, 1.9551,Chk Pass,,
Tl1908,ppm, 1.9619,.00601,.30624, 1.9593, 1.9577, 1.9688,Chk Pass,,
V_2924,ppm, 1.9318,.00536,.27723, 1.9263, 1.9323, 1.9369,Chk Pass,,
Zn2138,ppm, 2.0048,.00680,.33938, 2.0004, 2.0014, 2.0126,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 700.89,1.4307,.20413,699.29,701.30,702.06
Y_2243,Cts/S, 3909.5,6.3778,.16314,3902.1,3912.9,3913.4
Y_3710,Cts/S, 80531.,397.36,.49343,80981.,80384.,80228.
Y_3710-2,Cts/S, 7285.2,19.791,.27167,7307.9,7271.7,7275.9

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Al3961,ppm, .00129,.00704,546.29, -.00670, .00658, .00399,Chk Pass,,
As1890,ppm, -.00045,.00040,89.162, -.00014, -.00030, -.00090,Chk Pass,,
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Ba4554,ppm, .00017,.00018,111.69, .00015, .00036, -.00001,Chk Pass,,
Be3130,ppm, .00004,.00001,26.675, .00005, .00003, .00004,Chk Pass,,
Ca3179,ppm, .00340,.00165,48.367, .00486, .00162, .00372,Chk Pass,,
Cd2288,ppm, .00022,.00023,101.95, -.00003, .00029, .00041,Chk Pass,,
Co2286,ppm, -.00009,.00003,38.521, -.00009, -.00005, -.00012,Chk Pass,,
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Mg2790,ppm, .00459,.00846,184.21, -.00454, .01217, .00616,Chk Pass,,
Mn2576,ppm, .00005,.00003,56.213, .00006, .00002, .00007,Chk Pass,,
Mo2020,ppm, .00002,.00011,473.94, .00007, .00010, -.00011,Chk Pass,,
Na5895,ppm, -.00228,.00452,198.45, .00205, -.00191, -.00697,Chk Pass,,
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Sb2068,ppm, .00012,.00028,235.43, .00039, .00013, -.00017,Chk Pass,,
Se1960,ppm, .00076,.00168,220.79, -.00085, .00063, .00251,Chk Pass,,
Sn1899,ppm, .00055,.00049,90.128, .00037, .00111, .00017,Chk Pass,,
Sr4077,ppm, .00010,.00009,89.345, .00018, .00012, .00000,Chk Pass,,
Ti3349,ppm, .00060,.00036,60.628, .00100, .00029, .00050,Chk Pass,,
Tl1908,ppm, .00062,.00042,67.652, .00017, .00068, .00101,Chk Pass,,
V_2924,ppm, -.00010,.00012,121.35, -.00007, -.00023, .00000,Chk Pass,,
Zn2138,ppm, .00126,.00009,6.7514, .00136, .00119, .00125,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 810.44,.29401,.03628,810.16,810.42,810.75
Y_2243,Cts/S, 4044.1,3.7260,.09213,4047.3,4044.9,4040.0
Y_3710,Cts/S, 83980.,175.98,.20955,83891.,84182.,83865.
Y_3710-2,Cts/S, 7237.9,33.661,.46507,7261.8,7199.4,7252.5
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Zoom In
Zoom Out

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CorrFactor=50.00
Repeats=3

[Results]
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As1890,ppm, -.00582,.07002,1203.0, -.08643, .02910, .03987
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Ba4554,ppm, .03361,.00318,9.4747, .03457, .03621, .03006
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Ni2316,ppm, .00227,.00175,76.980, .00340, .00026, .00316
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Ti3349,ppm, .03019,.01059,35.087, .02639, .04216, .02203
Tl1908,ppm, .01502,.01574,104.76, .03042, -.00104, .01569
V_2924,ppm, -.00745,.01914,256.98, -.00243, -.02860, .00868
Zn2138,ppm, .05180,.00283,5.4667, .05310, .04856, .05375

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 722.20,.38525,.05334,722.03,722.64,721.93
Y_2243,Cts/S, 3856.8,2.5449,.06599,3859.3,3854.3,3856.8
Y_3710,Cts/S, 78335.,300.58,.38370,78030.,78630.,78346.
Y_3710-2,Cts/S, 7143.1,38.169,.53434,7184.8,7134.6,7109.9

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
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Al3961,ppm, 40.268,.02009,.04988, 40.271, 40.286, 40.247,Chk Pass,,
As1890,ppm, 1.9609,.00893,.45548, 1.9628, 1.9512, 1.9688,Chk Pass,,
B_2089,ppm, 2.0072,.00672,.33489, 2.0043, 2.0025, 2.0149,Chk Pass,,
Ba4554,ppm, 2.0206,.00126,.06213, 2.0210, 2.0217, 2.0192,Chk Pass,,
Be3130,ppm, 1.9887,.00864,.43450, 1.9955, 1.9790, 1.9916,Chk Pass,,
Ca3179,ppm, 39.970,.12020,.30072, 39.842, 40.080, 39.988,Chk Pass,,
Cd2288,ppm, 1.9800,.00646,.32626, 1.9793, 1.9739, 1.9868,Chk Pass,,
Co2286,ppm, 1.9689,.00646,.32813, 1.9643, 1.9660, 1.9763,Chk Pass,,
Cr2677,ppm, 1.9672,.00223,.11319, 1.9675, 1.9648, 1.9692,Chk Pass,,
Cu3247,ppm, 1.9737,.00117,.05940, 1.9728, 1.9731, 1.9750,Chk Pass,,
Fe2599,ppm, 40.034,.05551,.13865, 39.970, 40.062, 40.070,Chk Pass,,
K_7664,ppm, 40.016,.04416,.11035, 39.987, 40.067, 39.995,Chk Pass,,
Li6707,ppm, 1.9891,.00321,.16153, 1.9854, 1.9913, 1.9907,Chk Pass,,
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Ni2316,ppm, 1.9106,.00931,.48708, 1.9056, 1.9049, 1.9214,Chk Pass,,
Pb2203,ppm, 1.8966,.00753,.39721, 1.8904, 1.8943, 1.9050,Chk Pass,,
Sb2068,ppm, 1.9900,.00412,.20722, 1.9882, 1.9871, 1.9947,Chk Pass,,
Se1960,ppm, 1.9364,.00473,.24426, 1.9332, 1.9341, 1.9418,Chk Pass,,
Sn1899,ppm, 1.9510,.00426,.21851, 1.9473, 1.9500, 1.9556,Chk Pass,,
Sr4077,ppm, 2.0145,.00244,.12101, 2.0117, 2.0159, 2.0158,Chk Pass,,
Ti3349,ppm, 1.9723,.00324,.16403, 1.9727, 1.9689, 1.9753,Chk Pass,,
Tl1908,ppm, 1.9483,.00858,.44054, 1.9454, 1.9416, 1.9580,Chk Pass,,
V_2924,ppm, 1.9592,.00199,.10141, 1.9606, 1.9570, 1.9602,Chk Pass,,
Zn2138,ppm, 1.9963,.00696,.34862, 1.9943, 1.9905, 2.0040,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 704.95,1.8429,.26142,706.14,705.89,702.83
Y_2243,Cts/S, 3900.6,6.2927,.16133,3903.3,3905.0,3893.4
Y_3710,Cts/S, 79474.,260.15,.32734,79195.,79709.,79519.
Y_3710-2,Cts/S, 7209.6,29.131,.40406,7229.3,7176.1,7223.3

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SampleName=CCB
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 15:31:47
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, -.00037,.00042,112.41, -.00050, .00010, -.00070,Chk Pass,,
Al3961,ppm, .00051,.00375,734.53, -.00169, .00484, -.00161,Chk Pass,,
As1890,ppm, .00095,.00083,87.679, .00166, .00004, .00115,Chk Pass,,
B_2089,ppm, .00275,.00025,8.9680, .00299, .00249, .00278,Chk Pass,,
Ba4554,ppm, .00026,.00016,60.736, .00032, .00008, .00038,Chk Pass,,
Be3130,ppm, .00003,.00000,10.159, .00004, .00003, .00003,Chk Pass,,
Ca3179,ppm, .00061,.00206,338.69, .00287, -.00115, .00010,Chk Pass,,
Cd2288,ppm, -.00003,.00012,394.26, .00011, -.00012, -.00008,Chk Pass,,
Co2286,ppm, -.00009,.00009,102.59, -.00011, .00001, -.00018,Chk Pass,,
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Cr2677,ppm, .00003,.00014,512.88, .00018, -.00002, -.00008,Chk Pass,,
Cu3247,ppm, -.00002,.00036,1599.2, -.00044, .00017, .00020,Chk Pass,,
Fe2599,ppm, .00303,.00097,32.179, .00226, .00412, .00270,Chk Pass,,
K_7664,ppm, .04105,.01033,25.154, .05230, .03200, .03886,Chk Pass,,
Li6707,ppm, .00217,.00033,15.057, .00221, .00183, .00248,Chk Pass,,
Mg2790,ppm, -.00523,.01193,227.93, .00661, -.00506, -.01725,Chk Pass,,
Mn2576,ppm, .00005,.00005,99.398, .00010, .00001, .00003,Chk Pass,,
Mo2020,ppm, -.00015,.00008,52.334, -.00014, -.00023, -.00007,Chk Pass,,
Na5895,ppm, -.00482,.00538,111.58, .00029, -.01043, -.00432,Chk Pass,,
Ni2316,ppm, .00004,.00022,518.32, -.00005, .00029, -.00011,Chk Pass,,
Pb2203,ppm, .00081,.00026,31.508, .00091, .00101, .00052,Chk Pass,,
Sb2068,ppm, -.00042,.00138,323.77, .00113, -.00148, -.00093,Chk Pass,,
Se1960,ppm, .00203,.00072,35.472, .00202, .00274, .00131,Chk Pass,,
Sn1899,ppm, .00007,.00042,617.37, -.00014, .00056, -.00021,Chk Pass,,
Sr4077,ppm, .00008,.00003,43.749, .00005, .00012, .00007,Chk Pass,,
Ti3349,ppm, .00031,.00012,38.189, .00033, .00018, .00042,Chk Pass,,
Tl1908,ppm, .00040,.00057,140.53, .00106, .00009, .00006,Chk Pass,,
V_2924,ppm, -.00015,.00024,165.39, -.00015, .00010, -.00039,Chk Pass,,
Zn2138,ppm, .00008,.00004,45.080, .00004, .00009, .00012,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 811.14,3.3678,.41519,813.49,812.64,807.28
Y_2243,Cts/S, 4044.2,15.482,.38282,4050.2,4055.7,4026.6
Y_3710,Cts/S, 83382.,408.76,.49023,83545.,82917.,83684.
Y_3710-2,Cts/S, 7202.7,43.891,.60936,7240.2,7213.5,7154.4

[Sample Header]
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SampleName=MP12742-MB1
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Comment=RFW SoiL
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 15:37:30
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00018,.00066,362.48, -.00026, -.00081, .00051
Al3961,ppm, .00405,.00467,115.33, .00796, -.00112, .00530
As1890,ppm, -.00005,.00012,229.86, -.00013, -.00012, .00009
B_2089,ppm, .00396,.00041,10.298, .00398, .00436, .00355
Ba4554,ppm, .00002,.00013,644.87, -.00006, -.00005, .00017
Be3130,ppm, .00000,.00000,334.09, .00000, .00000, .00000
Ca3179,ppm, .03155,.00098,3.1035, .03196, .03044, .03226
Cd2288,ppm, .00006,.00006,114.09, -.00002, .00010, .00008
Co2286,ppm, -.00012,.00009,77.156, -.00016, -.00017, -.00001
Cr2677,ppm, -.00003,.00005,166.62, .00002, -.00009, -.00004
Cu3247,ppm, -.00056,.00022,38.535, -.00036, -.00080, -.00054
Fe2599,ppm, .00526,.00063,12.078, .00453, .00570, .00554
K_7664,ppm, .04633,.01879,40.567, .06777, .03854, .03269
Li6707,ppm, .00153,.00066,43.325, .00125, .00229, .00106
Mg2790,ppm, -.00649,.01291,198.73, .00068, -.02139, .00123
Mn2576,ppm, .00031,.00001,3.5624, .00031, .00031, .00030
Mo2020,ppm, -.00015,.00012,83.428, -.00029, -.00009, -.00007
Na5895,ppm, .00956,.00902,94.405, .00311, .00569, .01987
Ni2316,ppm, .00030,.00005,17.954, .00031, .00035, .00024
Pb2203,ppm, -.00023,.00048,209.35, .00029, -.00033, -.00064
Sb2068,ppm, .00077,.00171,221.11, -.00116, .00138, .00209
Se1960,ppm, .00045,.00085,190.78, -.00053, .00084, .00102
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Sn1899,ppm, .02295,.00044,1.9372, .02290, .02253, .02341
Sr4077,ppm, .00013,.00004,31.882, .00017, .00012, .00009
Ti3349,ppm, .00066,.00039,59.928, .00021, .00079, .00096
Tl1908,ppm, -.00011,.00041,375.89, .00028, -.00053, -.00007
V_2924,ppm, -.00004,.00010,231.42, .00003, -.00001, -.00015
Zn2138,ppm, .00157,.00005,2.8977, .00157, .00152, .00161

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 816.75,2.0406,.24985,818.76,814.68,816.80
Y_2243,Cts/S, 4060.0,17.084,.42078,4077.9,4058.3,4043.9
Y_3710,Cts/S, 84616.,51.543,.06091,84558.,84635.,84656.
Y_3710-2,Cts/S, 7331.1,36.960,.50415,7366.1,7334.9,7292.4

[Sample Header]
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Custom ID1=
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Custom ID3=
Run Time=9/8/2010 15:43:14
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .71238,.00078,.10971, .71321, .71226, .71166
Al3961,ppm, 157.97,.12428,.07867, 157.84, 158.09, 157.97
As1890,ppm, 1.6974,.00921,.54259, 1.6931, 1.6911, 1.7080
B_2089,ppm, 1.4270,.00766,.53651, 1.4228, 1.4223, 1.4358
Ba4554,ppm, 4.1897,.00435,.10388, 4.1945, 4.1860, 4.1886
Be3130,ppm, 1.1367,.00450,.39563, 1.1315, 1.1398, 1.1387
Ca3179,ppm, 105.33,.05946,.05645, 105.27, 105.39, 105.33
Cd2288,ppm, 2.0404,.01010,.49508, 2.0350, 2.0341, 2.0520
Co2286,ppm, 2.9196,.01341,.45924, 2.9113, 2.9125, 2.9351
Cr2677,ppm, .99892,.00235,.23494, .99684, 1.0015, .99845
Cu3247,ppm, 1.5140,.00372,.24568, 1.5101, 1.5175, 1.5143
Fe2599,ppm, 223.41,3.4431,1.5412, 221.43, 227.39, 221.42
K_7664,ppm, 48.138,.06839,.14207, 48.107, 48.216, 48.091
Li6707,ppm, .12360,.00064,.52056, .12421, .12293, .12365
Mg2790,ppm, 58.165,.02932,.05041, 58.139, 58.196, 58.159
Mn2576,ppm, 6.8333,.01947,.28492, 6.8368, 6.8123, 6.8508
Mo2020,ppm, .86981,.00431,.49591, .86697, .86769, .87477
Na5895,ppm, 9.9726,.01184,.11872, 9.9863, 9.9654, 9.9662
Ni2316,ppm, 1.3196,.00536,.40599, 1.3161, 1.3169, 1.3257
Pb2203,ppm, 2.2532,.00617,.27395, 2.2509, 2.2485, 2.2602
Sb2068,ppm, .80590,.00409,.50777, .80540, .80208, .81022
Se1960,ppm, 1.6017,.01248,.77942, 1.5954, 1.5936, 1.6161
Sn1899,ppm, 1.2392,.00559,.45124, 1.2364, 1.2356, 1.2457
Sr4077,ppm, 2.0061,.00126,.06302, 2.0067, 2.0047, 2.0070
Ti3349,ppm, 6.8820,.00404,.05874, 6.8773, 6.8840, 6.8847
Tl1908,ppm, .34550,.00040,.11476, .34569, .34504, .34576
V_2924,ppm, 2.1624,.00612,.28291, 2.1591, 2.1694, 2.1586
Zn2138,ppm, 4.3236,.01976,.45694, 4.3141, 4.3104, 4.3463

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 622.92,2.2726,.36483,624.04,624.43,620.31
Y_2243,Cts/S, 4412.8,19.648,.44524,4418.7,4428.9,4390.9
Y_3710,Cts/S, 89043.,55.851,.06272,89107.,89008.,89013.
Y_3710-2,Cts/S, 8261.9,70.885,.85798,8312.3,8180.9,8292.5
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[Sample Header]
Method=icapns(v496)
SampleName=T59295-5
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Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00169,.00016,9.6364, -.00183, -.00151, -.00173
Al3961,ppm, 49.710,.11623,.23382, 49.650, 49.636, 49.844
As1890,ppm, .04008,.00051,1.2723, .04042, .04033, .03950
B_2089,ppm, .05396,.00018,.34046, .05412, .05400, .05376
Ba4554,ppm, 1.2268,.00328,.26724, 1.2283, 1.2231, 1.2292
Be3130,ppm, .00010,.00001,13.962, .00011, .00010, .00008
Ca3179,ppm, 194.64,2.0557,1.0561, 192.40, 195.11, 196.43
Cd2288,ppm, -.00035,.00026,73.852, -.00037, -.00059, -.00008
Co2286,ppm, .05061,.00009,.18381, .05070, .05052, .05061
Cr2677,ppm, .11067,.00040,.36318, .11110, .11030, .11061
Cu3247,ppm, .01076,.00012,1.1349, .01083, .01083, .01062
Fe2599,ppm, 95.920,.13446,.14018, 95.852, 95.833, 96.075
K_7664,ppm, 10.425,.00764,.07331, 10.423, 10.419, 10.434
Li6707,ppm, .05609,.00098,1.7542, .05626, .05503, .05697
Mg2790,ppm, 54.275,.05741,.10577, 54.209, 54.313, 54.303
Mn2576,ppm, 1.6868,.00286,.16976, 1.6900, 1.6846, 1.6858
Mo2020,ppm, .00037,.00006,16.469, .00041, .00040, .00030
Na5895,ppm, 25.457,.02928,.11500, 25.449, 25.432, 25.489
Ni2316,ppm, .12953,.00094,.72430, .13034, .12850, .12976
Pb2203,ppm, .06677,.00080,1.2031, .06601, .06669, .06761
Sb2068,ppm, -.00330,.00078,23.541, -.00350, -.00245, -.00397
Se1960,ppm, .00411,.00158,38.517, .00591, .00349, .00293
Sn1899,ppm, .02186,.00054,2.4832, .02144, .02167, .02248
Sr4077,ppm, .70893,.00093,.13118, .70870, .70814, .70996
Ti3349,ppm, 2.8357,.00465,.16389, 2.8407, 2.8350, 2.8315
Tl1908,ppm, -.00548,.00013,2.3574, -.00538, -.00562, -.00543
V_2924,ppm, .18725,.00014,.07475, .18736, .18709, .18729
Zn2138,ppm, .27061,.00085,.31419, .27088, .26966, .27130

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 667.99,.67311,.10077,667.66,668.76,667.54
Y_2243,Cts/S, 4296.8,10.429,.24271,4302.0,4303.7,4284.8
Y_3710,Cts/S, 87243.,356.90,.40909,86890.,87604.,87235.
Y_3710-2,Cts/S, 8064.0,66.691,.82703,8140.9,8022.0,8029.1

[Sample Header]
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Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 15:54:38
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00089,.00021,23.151, -.00069, -.00110, -.00088
Al3961,ppm, 47.636,.07963,.16717, 47.710, 47.647, 47.551
As1890,ppm, .04133,.00147,3.5566, .04196, .03964, .04237
B_2089,ppm, .05260,.00028,.53980, .05248, .05240, .05293
Ba4554,ppm, 1.2203,.00098,.08008, 1.2202, 1.2213, 1.2194
Be3130,ppm, .00102,.00000,.31009, .00102, .00103, .00102
Ca3179,ppm, 91.572,.22166,.24206, 91.787, 91.584, 91.344
Cd2288,ppm, .00135,.00006,4.1228, .00131, .00132, .00141
Co2286,ppm, .05098,.00037,.72153, .05107, .05058, .05130
Cr2677,ppm, .09888,.00074,.74408, .09970, .09828, .09866
Cu3247,ppm, .01177,.00014,1.1723, .01190, .01176, .01163
Fe2599,ppm, 91.943,.17213,.18722, 92.121, 91.931, 91.777
K_7664,ppm, 9.9506,.03312,.33282, 9.9861, 9.9451, 9.9206
Li6707,ppm, .05249,.00080,1.5201, .05258, .05323, .05164
Mg2790,ppm, 54.369,.09948,.18298, 54.460, 54.384, 54.263
Mn2576,ppm, 1.6568,.00290,.17504, 1.6552, 1.6602, 1.6551
Mo2020,ppm, .00090,.00010,11.235, .00078, .00098, .00093
Na5895,ppm, 23.244,.06989,.30068, 23.324, 23.204, 23.202
Ni2316,ppm, .12677,.00035,.27258, .12653, .12661, .12716
Pb2203,ppm, .06564,.00093,1.4119, .06457, .06612, .06622
Sb2068,ppm, -.00304,.00121,39.977, -.00276, -.00199, -.00436
Se1960,ppm, .00479,.00151,31.568, .00327, .00481, .00629
Sn1899,ppm, .02390,.00054,2.2768, .02330, .02437, .02401
Sr4077,ppm, .26650,.00026,.09912, .26681, .26636, .26634
Ti3349,ppm, 2.5633,.00792,.30889, 2.5644, 2.5706, 2.5549
Tl1908,ppm, -.00265,.00015,5.6311, -.00260, -.00254, -.00282
V_2924,ppm, .17382,.00042,.24281, .17398, .17414, .17334
Zn2138,ppm, .27875,.00056,.20037, .27843, .27843, .27940

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 686.81,.35322,.05143,686.61,687.21,686.59
Y_2243,Cts/S, 4334.1,3.0844,.07117,4337.3,4333.7,4331.2
Y_3710,Cts/S, 88747.,411.10,.46323,88824.,88302.,89114.
Y_3710-2,Cts/S, 8040.4,34.579,.43007,8017.4,8023.7,8080.2

[Sample Header]
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Custom ID1=
Custom ID2=
Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=5.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00116,.00162,140.09, .00006, -.00054, -.00300
Al3961,ppm, 53.684,.13973,.26027, 53.776, 53.753, 53.524
As1890,ppm, .05605,.00490,8.7356, .05047, .05804, .05964
B_2089,ppm, .06079,.00087,1.4382, .06179, .06017, .06041
Ba4554,ppm, 1.2920,.00159,.12331, 1.2927, 1.2932, 1.2902
Be3130,ppm, -.00007,.00007,100.55, .00000, -.00007, -.00013
Ca3179,ppm, 212.49,.07684,.03616, 212.43, 212.58, 212.47
Cd2288,ppm, -.00088,.00031,34.806, -.00079, -.00122, -.00062
Co2286,ppm, .05496,.00098,1.7849, .05595, .05398, .05496
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Cr2677,ppm, .12043,.00035,.28675, .12064, .12003, .12061
Cu3247,ppm, .01046,.00012,1.1079, .01057, .01034, .01047
Fe2599,ppm, 103.89,.04832,.04651, 103.92, 103.92, 103.84
K_7664,ppm, 11.317,.06303,.55694, 11.271, 11.292, 11.389
Li6707,ppm, .06484,.00215,3.3235, .06584, .06236, .06630
Mg2790,ppm, 59.476,.09087,.15279, 59.578, 59.405, 59.445
Mn2576,ppm, 1.8276,.00415,.22680, 1.8237, 1.8319, 1.8273
Mo2020,ppm, -.00094,.00081,86.310, -.00133, -.00147, -.00001
Na5895,ppm, 26.425,.02790,.10557, 26.446, 26.394, 26.437
Ni2316,ppm, .12059,.00202,1.6755, .12281, .12009, .11886
Pb2203,ppm, .06474,.00052,.80554, .06531, .06430, .06461
Sb2068,ppm, -.00116,.00529,457.12, .00251, -.00722, .00124
Se1960,ppm, .01773,.00706,39.804, .01170, .01600, .02550
Sn1899,ppm, .02429,.00259,10.661, .02675, .02159, .02454
Sr4077,ppm, .74869,.00083,.11041, .74947, .74878, .74783
Ti3349,ppm, 3.1261,.00516,.16503, 3.1201, 3.1295, 3.1286
Tl1908,ppm, -.00553,.00400,72.370, -.00091, -.00764, -.00803
V_2924,ppm, .19940,.00174,.87261, .19782, .19913, .20126
Zn2138,ppm, .29668,.00020,.06696, .29668, .29648, .29688

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 758.78,1.1330,.14932,759.82,758.96,757.57
Y_2243,Cts/S, 4085.4,7.6873,.18817,4090.7,4088.9,4076.6
Y_3710,Cts/S, 83705.,211.19,.25230,83947.,83559.,83609.
Y_3710-2,Cts/S, 7360.9,17.858,.24261,7348.7,7352.6,7381.4

[Sample Header]
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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 16:05:40
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .36790,.00080,.21677, .36787, .36712, .36872
Al3961,ppm, 93.791,.11083,.11816, 93.663, 93.864, 93.844
As1890,ppm, .39050,.00143,.36511, .38902, .39064, .39186
B_2089,ppm, .89833,.00238,.26505, .89710, .89682, .90108
Ba4554,ppm, 1.7191,.00200,.11644, 1.7184, 1.7175, 1.7213
Be3130,ppm, .36546,.00041,.11287, .36550, .36585, .36502
Ca3179,ppm, 289.13,1.8812,.65063, 289.15, 291.00, 287.24
Cd2288,ppm, .36596,.00124,.33943, .36499, .36553, .36736
Co2286,ppm, .38299,.00023,.05962, .38298, .38276, .38322
Cr2677,ppm, .45827,.00038,.08183, .45810, .45870, .45802
Cu3247,ppm, .37481,.00141,.37740, .37605, .37510, .37327
Fe2599,ppm, 130.02,.11863,.09124, 129.89, 130.12, 130.05
K_7664,ppm, 54.533,.03108,.05699, 54.501, 54.563, 54.534
Li6707,ppm, .42143,.00091,.21670, .42039, .42178, .42211
Mg2790,ppm, 93.727,.14447,.15414, 93.650, 93.893, 93.637
Mn2576,ppm, 1.8675,.00056,.03010, 1.8680, 1.8676, 1.8669
Mo2020,ppm, .35080,.00075,.21498, .35090, .35000, .35150
Na5895,ppm, 71.485,.07615,.10653, 71.496, 71.555, 71.404
Ni2316,ppm, .51913,.00096,.18456, .51834, .51885, .52020
Pb2203,ppm, .46013,.00200,.43441, .45813, .46212, .46013
Sb2068,ppm, .22152,.00181,.81911, .22180, .21958, .22318
Se1960,ppm, .35538,.00101,.28497, .35604, .35422, .35589
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Sn1899,ppm, .35580,.00032,.08921, .35595, .35544, .35602
Sr4077,ppm, 1.3014,.00087,.06713, 1.3004, 1.3019, 1.3020
Ti3349,ppm, 3.0907,.00461,.14912, 3.0905, 3.0955, 3.0863
Tl1908,ppm, .39520,.00157,.39760, .39414, .39701, .39446
V_2924,ppm, .52542,.00145,.27684, .52685, .52548, .52394
Zn2138,ppm, .61370,.00215,.35002, .61266, .61227, .61617

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 621.49,.17320,.02787,621.39,621.69,621.40
Y_2243,Cts/S, 4158.7,2.8448,.06841,4155.7,4161.3,4159.0
Y_3710,Cts/S, 84486.,235.43,.27867,84749.,84413.,84295.
Y_3710-2,Cts/S, 7836.9,55.484,.70799,7829.3,7785.6,7895.8

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[Results]
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Al3961,ppm, .21017,.00243,1.1575, .20791, .20985, .21275,Chk Pass,,
As1890,ppm, .00748,.00108,14.485, .00653, .00866, .00726,Chk Pass,,
B_2089,ppm, .09848,.00020,.20735, .09869, .09847, .09828,Chk Pass,,
Ba4554,ppm, .20792,.00024,.11420, .20785, .20773, .20819,Chk Pass,,
Be3130,ppm, .00488,.00002,.38231, .00486, .00488, .00490,Chk Pass,,
Ca3179,ppm, 5.0175,.01270,.25303, 5.0300, 5.0046, 5.0179,Chk Pass,,
Cd2288,ppm, .00408,.00004,1.0918, .00403, .00409, .00412,Chk Pass,,
Co2286,ppm, .05015,.00017,.33518, .05017, .05030, .04997,Chk Pass,,
Cr2677,ppm, .01060,.00008,.74114, .01058, .01053, .01068,Chk Pass,,
Cu3247,ppm, .02510,.00037,1.4877, .02480, .02498, .02552,Chk Pass,,
Fe2599,ppm, .11028,.00192,1.7427, .11229, .11008, .10846,Chk Pass,,
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Li6707,ppm, .29560,.00080,.26900, .29630, .29576, .29473,Chk Pass,,
Mg2790,ppm, 5.0640,.01063,.20983, 5.0761, 5.0594, 5.0564,Chk Pass,,
Mn2576,ppm, .01540,.00004,.26905, .01536, .01544, .01539,Chk Pass,,
Mo2020,ppm, .01063,.00020,1.8485, .01059, .01046, .01084,Chk Pass,,
Na5895,ppm, 4.9804,.01221,.24507, 4.9926, 4.9682, 4.9804,Chk Pass,,
Ni2316,ppm, .03567,.00021,.60069, .03560, .03550, .03591,Chk Pass,,
Pb2203,ppm, .00264,.00054,20.434, .00327, .00237, .00230,Chk Pass,,
Sb2068,ppm, .00623,.00068,10.880, .00584, .00584, .00701,Chk Pass,,
Se1960,ppm, .00530,.00185,34.996, .00533, .00714, .00343,Chk Pass,,
Sn1899,ppm, .02005,.00021,1.0486, .01999, .02029, .01988,Chk Pass,,
Sr4077,ppm, .02027,.00002,.11248, .02029, .02025, .02027,Chk Pass,,
Ti3349,ppm, .02095,.00017,.81255, .02114, .02089, .02082,Chk Pass,,
Tl1908,ppm, .00993,.00025,2.4746, .00989, .00971, .01020,Chk Pass,,
V_2924,ppm, .04954,.00017,.35019, .04971, .04954, .04937,Chk Pass,,
Zn2138,ppm, .02097,.00003,.12996, .02099, .02098, .02094,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 795.65,.77576,.09750,795.81,796.34,794.81
Y_2243,Cts/S, 4041.4,7.4715,.18487,4038.8,4049.8,4035.6
Y_3710,Cts/S, 82491.,401.03,.48615,82291.,82953.,82229.
Y_3710-2,Cts/S, 7208.6,32.855,.45577,7241.5,7208.4,7175.8
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Be3130,ppm, 1.9816,.01663,.83925, 1.9624, 1.9919, 1.9905,Chk Pass,,
Ca3179,ppm, 39.799,.12060,.30303, 39.665, 39.833, 39.899,Chk Pass,,
Cd2288,ppm, 1.9701,.00291,.14751, 1.9687, 1.9682, 1.9735,Chk Pass,,
Co2286,ppm, 1.9540,.00394,.20139, 1.9539, 1.9502, 1.9580,Chk Pass,,
Cr2677,ppm, 1.9725,.00477,.24197, 1.9671, 1.9761, 1.9742,Chk Pass,,
Cu3247,ppm, 1.9716,.00293,.14884, 1.9686, 1.9717, 1.9744,Chk Pass,,
Fe2599,ppm, 39.990,.08784,.21965, 39.889, 40.034, 40.048,Chk Pass,,
K_7664,ppm, 40.145,.04561,.11250, 40.131, 40.108, 40.195,Chk Pass,,
Li6707,ppm, 1.9917,.00462,.23193, 1.9864, 1.9934, 1.9952,Chk Pass,,
Mg2790,ppm, 39.247,.05135,.13085, 39.193, 39.295, 39.254,Chk Pass,,
Mn2576,ppm, 1.9632,.00312,.15887, 1.9602, 1.9664, 1.9630,Chk Pass,,
Mo2020,ppm, 1.9982,.00329,.16486, 1.9958, 1.9968, 2.0020,Chk Pass,,
Na5895,ppm, 40.251,.15089,.37487, 40.090, 40.275, 40.389,Chk Pass,,
Ni2316,ppm, 1.9229,.01418,.73744, 1.9188, 1.9111, 1.9386,Chk Pass,,
Pb2203,ppm, 1.9027,.01056,.55492, 1.9047, 1.8913, 1.9122,Chk Pass,,
Sb2068,ppm, 1.9832,.00500,.25214, 1.9840, 1.9778, 1.9877,Chk Pass,,
Se1960,ppm, 1.9261,.00437,.22708, 1.9287, 1.9210, 1.9285,Chk Pass,,
Sn1899,ppm, 1.9381,.00269,.13904, 1.9384, 1.9353, 1.9407,Chk Pass,,
Sr4077,ppm, 2.0160,.00184,.09144, 2.0139, 2.0170, 2.0172,Chk Pass,,
Ti3349,ppm, 1.9756,.00156,.07895, 1.9741, 1.9772, 1.9755,Chk Pass,,
Tl1908,ppm, 1.9566,.01238,.63285, 1.9537, 1.9460, 1.9702,Chk Pass,,
V_2924,ppm, 1.9582,.00564,.28808, 1.9517, 1.9620, 1.9610,Chk Pass,,
Zn2138,ppm, 1.9774,.00319,.16108, 1.9772, 1.9742, 1.9806,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 703.97,5.2196,.74145,704.26,709.04,698.62
Y_2243,Cts/S, 3933.4,11.367,.28900,3929.4,3946.2,3924.5
Y_3710,Cts/S, 79505.,206.62,.25988,79535.,79285.,79695.
Y_3710-2,Cts/S, 7144.7,22.877,.32020,7170.9,7129.1,7134.0

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
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Al3961,ppm, .00900,.01540,171.14, .00544, .02588, -.00431,Chk Pass,,
As1890,ppm, .00202,.00055,27.274, .00213, .00142, .00250,Chk Pass,,
B_2089,ppm, .00231,.00046,19.962, .00281, .00190, .00223,Chk Pass,,
Ba4554,ppm, .00025,.00022,88.060, .00000, .00036, .00039,Chk Pass,,
Be3130,ppm, .00005,.00001,21.991, .00007, .00005, .00005,Chk Pass,,
Ca3179,ppm, .00156,.00074,47.183, .00221, .00171, .00076,Chk Pass,,
Cd2288,ppm, .00011,.00007,63.844, .00017, .00003, .00013,Chk Pass,,
Co2286,ppm, -.00015,.00009,63.247, -.00024, -.00017, -.00005,Chk Pass,,
Cr2677,ppm, .00016,.00029,178.31, .00016, .00046, -.00012,Chk Pass,,
Cu3247,ppm, -.00023,.00013,54.851, -.00010, -.00025, -.00035,Chk Pass,,
Fe2599,ppm, .00419,.00131,31.251, .00499, .00268, .00490,Chk Pass,,
K_7664,ppm, .04845,.02460,50.786, .06498, .02017, .06019,Chk Pass,,
Li6707,ppm, .00107,.00163,152.45, .00211, -.00081, .00190,Chk Pass,,
Mg2790,ppm, -.00503,.01262,251.00, -.01748, .00775, -.00536,Chk Pass,,
Mn2576,ppm, .00005,.00002,32.793, .00003, .00006, .00006,Chk Pass,,
Mo2020,ppm, -.00016,.00008,49.180, -.00008, -.00023, -.00018,Chk Pass,,
Na5895,ppm, -.00738,.00460,62.280, -.00309, -.01223, -.00683,Chk Pass,,
Ni2316,ppm, .00018,.00008,46.662, .00011, .00027, .00015,Chk Pass,,
Pb2203,ppm, -.00010,.00035,368.72, -.00025, -.00034, .00031,Chk Pass,,
Sb2068,ppm, .00045,.00054,120.84, .00103, .00035, -.00004,Chk Pass,,
Se1960,ppm, .00103,.00059,57.192, .00069, .00068, .00171,Chk Pass,,
Sn1899,ppm, .00032,.00015,48.468, .00045, .00036, .00015,Chk Pass,,
Sr4077,ppm, .00007,.00001,9.2030, .00008, .00007, .00007,Chk Pass,,
Ti3349,ppm, .00038,.00009,23.534, .00036, .00030, .00047,Chk Pass,,
Tl1908,ppm, -.00003,.00056,2125.1, -.00066, .00039, .00019,Chk Pass,,
V_2924,ppm, .00019,.00038,202.82, -.00022, .00054, .00024,Chk Pass,,
Zn2138,ppm, -.00008,.00004,51.537, -.00009, -.00012, -.00004,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 812.79,2.0949,.25775,814.69,813.14,810.54
Y_2243,Cts/S, 4070.9,5.4303,.13339,4077.2,4068.0,4067.6
Y_3710,Cts/S, 83699.,127.13,.15190,83669.,83589.,83838.
Y_3710-2,Cts/S, 7170.3,53.727,.74930,7216.8,7182.5,7111.5

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Al3961,ppm, .00160,.00607,379.12, .00174, .00760, -.00454
As1890,ppm, .00125,.00110,88.393, .00127, .00013, .00234
B_2089,ppm, .00351,.00046,13.049, .00384, .00369, .00299
Ba4554,ppm, .00020,.00030,148.69, .00042, .00034, -.00014
Be3130,ppm, .00001,.00002,130.86, .00001, .00003, .00000
Ca3179,ppm, .03154,.00063,2.0099, .03081, .03192, .03188
Cd2288,ppm, .00015,.00017,117.61, .00027, .00021, -.00005
Co2286,ppm, -.00012,.00006,51.198, -.00018, -.00011, -.00006
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Cr2677,ppm, .00024,.00032,133.96, .00055, .00024, -.00008
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K_7664,ppm, .02657,.01607,60.478, .04442, .02201, .01327
Li6707,ppm, .00200,.00127,63.440, .00226, .00311, .00062
Mg2790,ppm, .00099,.01610,1623.9, -.00657, .01948, -.00994
Mn2576,ppm, .00033,.00002,7.1372, .00035, .00032, .00031
Mo2020,ppm, -.00008,.00012,142.59, .00005, -.00014, -.00016
Na5895,ppm, -.00012,.00328,2647.0, .00132, -.00388, .00219
Ni2316,ppm, -.00002,.00016,916.37, -.00001, -.00018, .00014
Pb2203,ppm, .00000,.00050,16137., -.00007, .00053, -.00046
Sb2068,ppm, -.00021,.00059,282.63, .00025, -.00001, -.00087
Se1960,ppm, .00062,.00079,127.54, -.00021, .00136, .00069
Sn1899,ppm, .02247,.00054,2.4107, .02225, .02207, .02309
Sr4077,ppm, .00007,.00004,54.137, .00010, .00003, .00008
Ti3349,ppm, .00043,.00020,45.642, .00030, .00066, .00034
Tl1908,ppm, -.00005,.00019,387.95, .00017, -.00012, -.00019
V_2924,ppm, .00007,.00056,793.97, -.00051, .00061, .00011
Zn2138,ppm, .00158,.00008,5.2195, .00166, .00149, .00158

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 819.55,5.2714,.64321,823.65,821.40,813.60
Y_2243,Cts/S, 4115.0,16.554,.40228,4131.1,4115.8,4098.0
Y_3710,Cts/S, 84144.,415.16,.49339,83922.,84623.,83887.
Y_3710-2,Cts/S, 7249.5,53.331,.73566,7303.1,7248.7,7196.5

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Al3961,ppm, 159.09,.12640,.07945, 159.10, 159.21, 158.96
As1890,ppm, 1.6902,.00583,.34498, 1.6898, 1.6845, 1.6962
B_2089,ppm, 1.4095,.00352,.24971, 1.4090, 1.4062, 1.4132
Ba4554,ppm, 4.2068,.00228,.05415, 4.2093, 4.2063, 4.2049
Be3130,ppm, 1.1309,.00873,.77179, 1.1257, 1.1410, 1.1260
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Co2286,ppm, 2.8763,.00857,.29788, 2.8772, 2.8674, 2.8844
Cr2677,ppm, .99278,.00785,.79062, .98401, .99915, .99517
Cu3247,ppm, 1.4922,.00703,.47127, 1.4842, 1.4976, 1.4947
Fe2599,ppm, 223.86,2.7126,1.2117, 225.89, 224.91, 220.78
K_7664,ppm, 48.373,.04282,.08853, 48.375, 48.329, 48.415
Li6707,ppm, .12273,.00025,.20718, .12297, .12247, .12275
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Ni2316,ppm, 1.3217,.00287,.21734, 1.3224, 1.3185, 1.3242
Pb2203,ppm, 2.2436,.00452,.20156, 2.2452, 2.2385, 2.2471
Sb2068,ppm, .80011,.00099,.12315, .79897, .80061, .80074
Se1960,ppm, 1.5734,.00352,.22365, 1.5774, 1.5714, 1.5712
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Sn1899,ppm, 1.2217,.00221,.18085, 1.2200, 1.2208, 1.2242
Sr4077,ppm, 1.9965,.00192,.09612, 1.9955, 1.9952, 1.9987
Ti3349,ppm, 6.8857,.04094,.59455, 6.8398, 6.9186, 6.8985
Tl1908,ppm, 1.2268,.00073,.05947, 1.2263, 1.2276, 1.2264
V_2924,ppm, 2.1454,.01223,.57021, 2.1315, 2.1546, 2.1502
Zn2138,ppm, 4.2820,.01383,.32302, 4.2749, 4.2730, 4.2979

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 625.23,1.2728,.20358,624.82,626.66,624.22
Y_2243,Cts/S, 4464.7,14.298,.32025,4463.5,4479.5,4451.0
Y_3710,Cts/S, 89268.,455.23,.50996,89790.,88951.,89065.
Y_3710-2,Cts/S, 8179.5,47.992,.58674,8160.0,8144.4,8234.2

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As1890,ppm, .04008,.00108,2.7073, .04011, .03897, .04114
B_2089,ppm, .05324,.00055,1.0260, .05375, .05266, .05332
Ba4554,ppm, 1.2275,.00267,.21745, 1.2300, 1.2278, 1.2247
Be3130,ppm, .00012,.00000,3.1191, .00012, .00012, .00012
Ca3179,ppm, 197.48,.15406,.07801, 197.66, 197.39, 197.39
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Co2286,ppm, .04984,.00012,.24460, .04981, .04975, .04998
Cr2677,ppm, .11117,.00038,.33892, .11101, .11090, .11160
Cu3247,ppm, .01052,.00018,1.7311, .01051, .01035, .01072
Fe2599,ppm, 95.920,.11019,.11487, 96.036, 95.907, 95.817
K_7664,ppm, 10.492,.04244,.40445, 10.534, 10.494, 10.449
Li6707,ppm, .05620,.00075,1.3336, .05563, .05705, .05592
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Mo2020,ppm, .00028,.00003,11.752, .00024, .00029, .00030
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Ni2316,ppm, .12933,.00120,.92950, .12883, .12845, .13070
Pb2203,ppm, .06750,.00038,.56461, .06706, .06766, .06777
Sb2068,ppm, -.00370,.00057,15.429, -.00426, -.00312, -.00372
Se1960,ppm, .00467,.00180,38.501, .00444, .00658, .00301
Sn1899,ppm, .02155,.00045,2.0685, .02175, .02186, .02104
Sr4077,ppm, .70780,.00032,.04518, .70772, .70815, .70753
Ti3349,ppm, 2.8507,.00705,.24725, 2.8569, 2.8523, 2.8430
Tl1908,ppm, -.00545,.00137,25.149, -.00420, -.00524, -.00691
V_2924,ppm, .18750,.00060,.31939, .18747, .18692, .18812
Zn2138,ppm, .26865,.00041,.15391, .26866, .26823, .26906

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 671.26,3.2051,.47747,672.68,673.51,667.59
Y_2243,Cts/S, 4347.4,13.436,.30906,4356.0,4354.4,4332.0
Y_3710,Cts/S, 87258.,389.88,.44681,86901.,87199.,87674.
Y_3710-2,Cts/S, 7898.1,15.013,.19008,7908.2,7905.3,7880.9
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[Results]
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As1890,ppm, .04040,.00029,.72375, .04018, .04029, .04073
B_2089,ppm, .05069,.00033,.65702, .05088, .05030, .05088
Ba4554,ppm, 1.2215,.00163,.13358, 1.2207, 1.2205, 1.2234
Be3130,ppm, .00100,.00001,.86481, .00100, .00101, .00100
Ca3179,ppm, 91.854,.05270,.05737, 91.794, 91.893, 91.875
Cd2288,ppm, .00119,.00009,7.6615, .00113, .00114, .00129
Co2286,ppm, .05023,.00011,.21313, .05024, .05011, .05032
Cr2677,ppm, .09965,.00021,.21329, .09983, .09942, .09970
Cu3247,ppm, .01116,.00043,3.8438, .01069, .01153, .01126
Fe2599,ppm, 91.903,.04407,.04795, 91.906, 91.858, 91.946
K_7664,ppm, 10.003,.02224,.22230, 9.9774, 10.015, 10.017
Li6707,ppm, .05263,.00040,.76313, .05217, .05278, .05293
Mg2790,ppm, 54.492,.00457,.00839, 54.487, 54.493, 54.496
Mn2576,ppm, 1.6525,.00048,.02930, 1.6521, 1.6523, 1.6530
Mo2020,ppm, .00082,.00024,29.048, .00098, .00055, .00093
Na5895,ppm, 23.252,.01230,.05291, 23.240, 23.265, 23.250
Ni2316,ppm, .12659,.00048,.37728, .12624, .12640, .12714
Pb2203,ppm, .06594,.00063,.95304, .06564, .06551, .06666
Sb2068,ppm, -.00332,.00087,26.200, -.00310, -.00259, -.00428
Se1960,ppm, .00500,.00035,6.9257, .00533, .00504, .00464
Sn1899,ppm, .02335,.00017,.73822, .02346, .02315, .02344
Sr4077,ppm, .26598,.00018,.06829, .26581, .26596, .26617
Ti3349,ppm, 2.5741,.00494,.19177, 2.5748, 2.5688, 2.5786
Tl1908,ppm, -.00330,.00028,8.4885, -.00362, -.00313, -.00315
V_2924,ppm, .17419,.00036,.20447, .17414, .17385, .17456
Zn2138,ppm, .27621,.00077,.27832, .27642, .27535, .27685

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 692.30,2.8729,.41498,693.87,694.05,688.99
Y_2243,Cts/S, 4393.1,9.6885,.22054,4397.7,4399.6,4381.9
Y_3710,Cts/S, 88539.,169.60,.19155,88579.,88353.,88685.
Y_3710-2,Cts/S, 7951.8,9.1884,.11555,7962.3,7944.9,7948.3

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
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As1890,ppm, .05375,.00428,7.9639, .05094, .05868, .05163
B_2089,ppm, .06035,.00091,1.5122, .06105, .05932, .06069
Ba4554,ppm, 1.3132,.00154,.11735, 1.3149, 1.3122, 1.3124
Be3130,ppm, -.00003,.00002,75.431, -.00002, -.00005, -.00001
Ca3179,ppm, 216.06,.08578,.03970, 216.14, 215.97, 216.06
Cd2288,ppm, -.00038,.00087,230.17, .00058, -.00111, -.00060
Co2286,ppm, .05584,.00050,.90160, .05528, .05625, .05599
Cr2677,ppm, .12496,.00026,.20648, .12484, .12525, .12478
Cu3247,ppm, .01019,.00136,13.330, .01115, .00864, .01079
Fe2599,ppm, 105.20,.14173,.13472, 105.37, 105.13, 105.11
K_7664,ppm, 11.653,.09313,.79922, 11.702, 11.711, 11.546
Li6707,ppm, .06761,.00753,11.145, .06671, .06056, .07555
Mg2790,ppm, 60.101,.07532,.12532, 60.170, 60.114, 60.021
Mn2576,ppm, 1.8538,.00080,.04319, 1.8545, 1.8529, 1.8540
Mo2020,ppm, -.00051,.00061,119.68, -.00042, -.00116, .00005
Na5895,ppm, 26.902,.03970,.14758, 26.948, 26.876, 26.882
Ni2316,ppm, .12228,.00043,.34778, .12277, .12197, .12211
Pb2203,ppm, .06702,.00215,3.2079, .06635, .06942, .06528
Sb2068,ppm, -.01064,.00454,42.686, -.01171, -.01454, -.00565
Se1960,ppm, .01372,.00747,54.441, .00564, .01515, .02036
Sn1899,ppm, .02269,.00305,13.435, .01918, .02417, .02471
Sr4077,ppm, .75880,.00076,.09959, .75806, .75957, .75878
Ti3349,ppm, 3.2648,.01146,.35093, 3.2777, 3.2556, 3.2612
Tl1908,ppm, -.00207,.00047,22.928, -.00258, -.00196, -.00165
V_2924,ppm, .20533,.00160,.77829, .20583, .20662, .20355
Zn2138,ppm, .29451,.00091,.30932, .29357, .29457, .29538

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 764.28,1.9563,.25597,766.28,764.20,762.37
Y_2243,Cts/S, 4126.1,10.961,.26566,4138.7,4120.3,4119.2
Y_3710,Cts/S, 83281.,39.246,.04713,83243.,83279.,83321.
Y_3710-2,Cts/S, 7313.5,16.814,.22990,7320.6,7325.6,7294.3

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[Results]
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Ag3280,ppm, .36932,.00112,.30377, .36849, .36887, .37059
Al3961,ppm, 94.727,.06451,.06810, 94.772, 94.653, 94.755
As1890,ppm, .38965,.00111,.28599, .39009, .38838, .39048
B_2089,ppm, .89226,.00163,.18215, .89100, .89169, .89409
Ba4554,ppm, 1.6966,.00182,.10756, 1.6977, 1.6945, 1.6977
Be3130,ppm, .36866,.00116,.31448, .36796, .36802, .37000
Ca3179,ppm, 264.28,2.8741,1.0875, 261.43, 267.18, 264.23
Cd2288,ppm, .36377,.00078,.21342, .36322, .36343, .36466
Co2286,ppm, .37943,.00099,.25962, .37904, .37870, .38055
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Cr2677,ppm, .46218,.00104,.22531, .46229, .46109, .46317
Cu3247,ppm, .37433,.00061,.16272, .37423, .37377, .37498
Fe2599,ppm, 130.35,.07398,.05675, 130.35, 130.27, 130.42
K_7664,ppm, 54.812,.05373,.09803, 54.791, 54.772, 54.873
Li6707,ppm, .42404,.00211,.49823, .42344, .42229, .42638
Mg2790,ppm, 93.948,.04865,.05179, 93.907, 94.001, 93.935
Mn2576,ppm, 1.8707,.00367,.19612, 1.8691, 1.8680, 1.8748
Mo2020,ppm, .35099,.00072,.20404, .35036, .35083, .35177
Na5895,ppm, 71.187,.06867,.09647, 71.155, 71.140, 71.266
Ni2316,ppm, .51946,.00267,.51398, .51868, .51727, .52243
Pb2203,ppm, .46029,.00239,.51903, .46057, .45777, .46253
Sb2068,ppm, .22211,.00039,.17434, .22219, .22168, .22245
Se1960,ppm, .35186,.00178,.50666, .35196, .35360, .35004
Sn1899,ppm, .35312,.00098,.27677, .35202, .35343, .35390
Sr4077,ppm, 1.1932,.00300,.25122, 1.1916, 1.1914, 1.1967
Ti3349,ppm, 3.0785,.00612,.19866, 3.0763, 3.0738, 3.0854
Tl1908,ppm, .39692,.00105,.26378, .39631, .39633, .39813
V_2924,ppm, .52605,.00192,.36435, .52512, .52477, .52825
Zn2138,ppm, .61118,.00106,.17409, .61026, .61093, .61234

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 625.69,3.8293,.61202,626.72,628.89,621.44
Y_2243,Cts/S, 4204.0,9.3990,.22357,4209.2,4209.7,4193.2
Y_3710,Cts/S, 84417.,232.97,.27598,84402.,84658.,84193.
Y_3710-2,Cts/S, 7859.6,34.899,.44403,7882.7,7819.4,7876.6

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[Results]
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Ag3280,ppm, .37072,.00164,.44326, .37261, .36999, .36958
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As1890,ppm, .39317,.00116,.29408, .39299, .39212, .39441
B_2089,ppm, .89835,.00094,.10411, .89825, .89748, .89934
Ba4554,ppm, 1.5085,.00284,.18859, 1.5117, 1.5063, 1.5075
Be3130,ppm, .37632,.00027,.07293, .37607, .37661, .37628
Ca3179,ppm, 129.20,.19816,.15337, 129.35, 128.98, 129.28
Cd2288,ppm, .36671,.00124,.33838, .36566, .36640, .36808
Co2286,ppm, .38925,.00083,.21242, .38968, .38829, .38977
Cr2677,ppm, .47419,.00053,.11180, .47376, .47479, .47404
Cu3247,ppm, .38010,.00049,.12765, .38066, .37977, .37987
Fe2599,ppm, 132.92,.17468,.13141, 133.01, 132.72, 133.04
K_7664,ppm, 55.383,.08021,.14483, 55.439, 55.291, 55.420
Li6707,ppm, .42669,.00112,.26193, .42594, .42616, .42798
Mg2790,ppm, 97.112,.22881,.23561, 97.224, 96.849, 97.264
Mn2576,ppm, 1.9324,.00030,.01569, 1.9321, 1.9325, 1.9326
Mo2020,ppm, .35807,.00132,.36794, .35790, .35684, .35946
Na5895,ppm, 69.884,.15232,.21796, 70.005, 69.713, 69.935
Ni2316,ppm, .53032,.00165,.31123, .52934, .52939, .53222
Pb2203,ppm, .46577,.00205,.44093, .46447, .46471, .46814
Sb2068,ppm, .22191,.00150,.67521, .22058, .22161, .22353
Se1960,ppm, .35469,.00096,.27063, .35571, .35380, .35455
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Sn1899,ppm, .35994,.00053,.14790, .35990, .35943, .36049
Sr4077,ppm, .59924,.00084,.14021, .59997, .59832, .59945
Ti3349,ppm, 2.9327,.00276,.09412, 2.9324, 2.9356, 2.9301
Tl1908,ppm, .40433,.00158,.39096, .40363, .40323, .40614
V_2924,ppm, .53113,.00060,.11217, .53066, .53094, .53180
Zn2138,ppm, .61836,.00106,.17106, .61793, .61759, .61957

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 640.73,1.3203,.20606,641.01,641.89,639.29
Y_2243,Cts/S, 4258.6,9.7253,.22837,4253.3,4269.8,4252.7
Y_3710,Cts/S, 85119.,201.24,.23642,85107.,84924.,85326.
Y_3710-2,Cts/S, 7815.8,17.541,.22444,7817.1,7832.6,7797.6

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[Results]
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As1890,ppm, .03955,.00182,4.6033, .03958, .04136, .03772
B_2089,ppm, .06164,.00048,.77670, .06167, .06114, .06210
Ba4554,ppm, 1.0024,.00235,.23486, 1.0050, 1.0016, 1.0005
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Cd2288,ppm, -.00025,.00012,46.029, -.00033, -.00030, -.00012
Co2286,ppm, .05333,.00003,.06276, .05335, .05330, .05336
Cr2677,ppm, .10857,.00038,.34668, .10814, .10886, .10871
Cu3247,ppm, .01237,.00070,5.6448, .01160, .01256, .01295
Fe2599,ppm, 96.112,.20724,.21562, 96.351, 95.987, 95.998
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Ni2316,ppm, .13696,.00032,.23225, .13669, .13688, .13731
Pb2203,ppm, .06697,.00194,2.8935, .06736, .06487, .06869
Sb2068,ppm, -.00366,.00111,30.396, -.00412, -.00239, -.00446
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Sn1899,ppm, .02044,.00044,2.1379, .02082, .01996, .02052
Sr4077,ppm, .34844,.00071,.20415, .34925, .34795, .34811
Ti3349,ppm, 2.5156,.00133,.05269, 2.5172, 2.5150, 2.5147
Tl1908,ppm, -.00517,.00119,23.009, -.00435, -.00464, -.00654
V_2924,ppm, .17152,.00043,.25062, .17190, .17161, .17106
Zn2138,ppm, .28576,.00058,.20228, .28515, .28584, .28630

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 683.40,.48074,.07035,683.02,683.94,683.24
Y_2243,Cts/S, 4320.5,3.6934,.08549,4317.3,4324.5,4319.5
Y_3710,Cts/S, 86547.,58.269,.06733,86503.,86613.,86524.
Y_3710-2,Cts/S, 7777.7,12.431,.15982,7791.3,7774.9,7766.9
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[Results]
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Ni2316,ppm, .24317,.00072,.29645, .24262, .24291, .24399
Pb2203,ppm, .18149,.00167,.92181, .17956, .18232, .18258
Sb2068,ppm, -.00599,.00177,29.570, -.00395, -.00717, -.00685
Se1960,ppm, .01273,.00094,7.3532, .01208, .01230, .01380
Sn1899,ppm, .02974,.00017,.57363, .02959, .02970, .02993
Sr4077,ppm, .33543,.00036,.10874, .33521, .33524, .33586
Ti3349,ppm, 2.2881,.00298,.13025, 2.2902, 2.2894, 2.2847
Tl1908,ppm, -.00336,.00085,25.284, -.00329, -.00425, -.00255
V_2924,ppm, .38762,.00159,.40913, .38707, .38941, .38639
Zn2138,ppm, .72768,.00032,.04449, .72749, .72749, .72805

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 628.55,1.0487,.16684,629.76,627.91,627.99
Y_2243,Cts/S, 4454.9,8.4480,.18963,4464.3,4447.9,4452.5
Y_3710,Cts/S, 88119.,172.18,.19539,88196.,88239.,87921.
Y_3710-2,Cts/S, 8052.8,9.8956,.12288,8060.7,8041.7,8056.0

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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00004,.00008,182.78, -.00012, .00004, -.00005
Al3961,ppm, 104.49,.20953,.20053, 104.72, 104.44, 104.31
As1890,ppm, .05475,.00106,1.9411, .05403, .05597, .05425
B_2089,ppm, .14710,.00061,.41209, .14730, .14642, .14758
Ba4554,ppm, 1.6555,.00430,.25953, 1.6605, 1.6530, 1.6531
Be3130,ppm, .00295,.00001,.50426, .00295, .00294, .00297
Ca3179,ppm, 73.585,.09505,.12918, 73.687, 73.499, 73.567
Cd2288,ppm, -.00026,.00021,81.558, -.00014, -.00014, -.00050
Co2286,ppm, .05424,.00018,.32596, .05412, .05415, .05444
Cr2677,ppm, .13719,.00064,.46994, .13653, .13723, .13782
Cu3247,ppm, .06240,.00040,.64631, .06216, .06216, .06286
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Mn2576,ppm, 3.0645,.01155,.37704, 3.0551, 3.0610, 3.0774
Mo2020,ppm, .00046,.00008,17.211, .00054, .00046, .00039
Na5895,ppm, 51.029,.06618,.12969, 51.075, 50.953, 51.059
Ni2316,ppm, .14230,.00042,.29436, .14277, .14218, .14196
Pb2203,ppm, .09053,.00152,1.6805, .09200, .09063, .08896
Sb2068,ppm, -.00396,.00191,48.113, -.00328, -.00249, -.00612
Se1960,ppm, .00720,.00195,27.094, .00722, .00524, .00914
Sn1899,ppm, .02333,.00068,2.9313, .02261, .02339, .02398
Sr4077,ppm, .34433,.00062,.17976, .34496, .34432, .34372
Ti3349,ppm, 2.1140,.00573,.27110, 2.1139, 2.1084, 2.1198
Tl1908,ppm, -.00351,.00099,28.239, -.00414, -.00237, -.00404
V_2924,ppm, .22905,.00080,.35039, .22820, .22916, .22980
Zn2138,ppm, .40284,.00058,.14411, .40306, .40218, .40327

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 667.25,2.6420,.39596,664.39,667.76,669.60
Y_2243,Cts/S, 4319.7,11.857,.27449,4311.1,4333.2,4314.8
Y_3710,Cts/S, 86108.,282.42,.32799,86243.,86297.,85783.
Y_3710-2,Cts/S, 7805.9,7.9594,.10197,7806.0,7813.8,7797.9

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Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 17:23:49
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .24242,.00020,.08314, .24219, .24251, .24256,Chk Pass,,
Al3961,ppm, 40.788,.09387,.23015, 40.882, 40.694, 40.787,Chk Pass,,
As1890,ppm, 1.9602,.00912,.46525, 1.9558, 1.9541, 1.9707,Chk Pass,,
B_2089,ppm, 1.9777,.00684,.34583, 1.9758, 1.9721, 1.9853,Chk Pass,,
Ba4554,ppm, 2.0379,.00472,.23174, 2.0432, 2.0341, 2.0365,Chk Pass,,
Be3130,ppm, 1.9998,.00128,.06403, 2.0000, 1.9985, 2.0010,Chk Pass,,
Ca3179,ppm, 40.004,.08524,.21309, 40.058, 39.905, 40.048,Chk Pass,,
Cd2288,ppm, 1.9677,.00649,.33001, 1.9667, 1.9617, 1.9746,Chk Pass,,
Co2286,ppm, 1.9479,.00435,.22338, 1.9472, 1.9440, 1.9526,Chk Pass,,
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Cr2677,ppm, 1.9842,.00592,.29828, 1.9776, 1.9861, 1.9889,Chk Pass,,
Cu3247,ppm, 1.9638,.00058,.02958, 1.9636, 1.9645, 1.9634,Chk Pass,,
Fe2599,ppm, 40.228,.07029,.17474, 40.284, 40.149, 40.251,Chk Pass,,
K_7664,ppm, 40.578,.08155,.20098, 40.663, 40.500, 40.569,Chk Pass,,
Li6707,ppm, 2.0146,.00589,.29233, 2.0154, 2.0084, 2.0201,Chk Pass,,
Mg2790,ppm, 39.348,.10843,.27557, 39.469, 39.262, 39.312,Chk Pass,,
Mn2576,ppm, 1.9562,.00145,.07409, 1.9553, 1.9555, 1.9579,Chk Pass,,
Mo2020,ppm, 2.0010,.00600,.29974, 1.9986, 1.9967, 2.0079,Chk Pass,,
Na5895,ppm, 40.608,.07584,.18675, 40.645, 40.521, 40.658,Chk Pass,,
Ni2316,ppm, 1.9131,.00408,.21330, 1.9125, 1.9093, 1.9174,Chk Pass,,
Pb2203,ppm, 1.8961,.00310,.16358, 1.8931, 1.8958, 1.8993,Chk Pass,,
Sb2068,ppm, 1.9776,.00760,.38445, 1.9769, 1.9703, 1.9855,Chk Pass,,
Se1960,ppm, 1.9155,.00629,.32835, 1.9144, 1.9099, 1.9223,Chk Pass,,
Sn1899,ppm, 1.9287,.00600,.31113, 1.9321, 1.9217, 1.9322,Chk Pass,,
Sr4077,ppm, 2.0294,.00433,.21330, 2.0323, 2.0244, 2.0315,Chk Pass,,
Ti3349,ppm, 1.9862,.00310,.15588, 1.9850, 1.9839, 1.9897,Chk Pass,,
Tl1908,ppm, 1.9585,.00717,.36614, 1.9544, 1.9544, 1.9668,Chk Pass,,
V_2924,ppm, 1.9628,.00413,.21057, 1.9584, 1.9636, 1.9665,Chk Pass,,
Zn2138,ppm, 1.9672,.00643,.32696, 1.9649, 1.9622, 1.9744,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 707.66,.95485,.13493,708.75,707.20,707.01
Y_2243,Cts/S, 3940.4,7.9007,.20051,3949.1,3938.3,3933.7
Y_3710,Cts/S, 79442.,138.54,.17439,79517.,79528.,79283.
Y_3710-2,Cts/S, 7080.8,24.077,.34003,7057.6,7105.7,7079.0

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Custom ID3=
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Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, -.00022,.00006,28.713, -.00015, -.00023, -.00028,Chk Pass,,
Al3961,ppm, -.00035,.00861,2424.8, -.00950, .00085, .00759,Chk Pass,,
As1890,ppm, .00094,.00065,68.982, .00169, .00062, .00051,Chk Pass,,
B_2089,ppm, .00238,.00017,6.9711, .00257, .00230, .00227,Chk Pass,,
Ba4554,ppm, .00031,.00031,101.50, .00014, .00012, .00067,Chk Pass,,
Be3130,ppm, .00005,.00001,27.489, .00005, .00006, .00004,Chk Pass,,
Ca3179,ppm, .00723,.00123,16.980, .00862, .00679, .00629,Chk Pass,,
Cd2288,ppm, .00010,.00018,182.91, -.00006, .00029, .00007,Chk Pass,,
Co2286,ppm, -.00017,.00017,96.995, -.00031, -.00022, .00001,Chk Pass,,
Cr2677,ppm, .00015,.00024,157.24, .00019, -.00010, .00036,Chk Pass,,
Cu3247,ppm, -.00071,.00018,25.487, -.00052, -.00087, -.00073,Chk Pass,,
Fe2599,ppm, .00500,.00092,18.350, .00560, .00546, .00394,Chk Pass,,
K_7664,ppm, .05181,.01639,31.626, .06470, .03337, .05737,Chk Pass,,
Li6707,ppm, .00164,.00066,39.826, .00100, .00231, .00163,Chk Pass,,
Mg2790,ppm, -.00001,.01013,137800., .00684, -.01164, .00478,Chk Pass,,
Mn2576,ppm, .00012,.00006,44.786, .00018, .00008, .00011,Chk Pass,,
Mo2020,ppm, -.00014,.00002,15.783, -.00012, -.00014, -.00017,Chk Pass,,
Na5895,ppm, .01042,.00564,54.172, .00783, .00653, .01690,Chk Pass,,
Ni2316,ppm, .00012,.00008,72.240, .00002, .00014, .00018,Chk Pass,,
Pb2203,ppm, .00017,.00022,131.34, .00043, .00008, .00001,Chk Pass,,
Sb2068,ppm, .00074,.00086,116.53, .00023, .00026, .00174,Chk Pass,,
Se1960,ppm, .00051,.00050,98.481, .00002, .00049, .00103,Chk Pass,,
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Sn1899,ppm, -.00012,.00039,337.42, -.00053, -.00006, .00024,Chk Pass,,
Sr4077,ppm, .00009,.00007,77.794, .00011, .00001, .00014,Chk Pass,,
Ti3349,ppm, .00036,.00011,30.939, .00049, .00030, .00028,Chk Pass,,
Tl1908,ppm, .00041,.00047,113.69, .00090, -.00002, .00035,Chk Pass,,
V_2924,ppm, -.00012,.00029,243.54, -.00035, -.00021, .00020,Chk Pass,,
Zn2138,ppm, -.00003,.00006,215.41, -.00001, .00002, -.00009,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 815.80,.97273,.11924,815.16,816.91,815.32
Y_2243,Cts/S, 4100.7,10.680,.26044,4106.9,4106.7,4088.3
Y_3710,Cts/S, 83652.,222.46,.26594,83717.,83405.,83835.
Y_3710-2,Cts/S, 7169.9,6.4645,.09016,7169.4,7163.7,7176.6

[Sample Header]
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Custom ID1=
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Custom ID3=
Run Time=9/8/2010 17:34:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00027,.00014,52.161, -.00044, -.00016, -.00022
Al3961,ppm, 141.76,.18221,.12854, 141.79, 141.56, 141.92
As1890,ppm, .06024,.00152,2.5190, .06046, .05862, .06163
B_2089,ppm, .16992,.00092,.54367, .16896, .16999, .17080
Ba4554,ppm, 2.3521,.00443,.18817, 2.3513, 2.3482, 2.3569
Be3130,ppm, .00426,.00001,.29989, .00427, .00426, .00424
Ca3179,ppm, 82.239,.14368,.17472, 82.301, 82.074, 82.340
Cd2288,ppm, .00041,.00007,15.952, .00048, .00035, .00042
Co2286,ppm, .07204,.00025,.35269, .07226, .07212, .07176
Cr2677,ppm, .17655,.00089,.50682, .17747, .17647, .17569
Cu3247,ppm, .09170,.00045,.49127, .09205, .09186, .09119
Fe2599,ppm, 143.05,.27182,.19001, 143.17, 142.74, 143.24
K_7664,ppm, 31.669,.05331,.16835, 31.712, 31.609, 31.686
Li6707,ppm, .12870,.00112,.87068, .12996, .12781, .12832
Mg2790,ppm, 65.711,.09119,.13878, 65.757, 65.606, 65.771
Mn2576,ppm, 2.8291,.00569,.20121, 2.8357, 2.8262, 2.8255
Mo2020,ppm, .00181,.00009,4.7974, .00184, .00171, .00188
Na5895,ppm, 70.012,.12051,.17213, 70.136, 69.896, 70.004
Ni2316,ppm, .18375,.00174,.94734, .18237, .18318, .18571
Pb2203,ppm, .10840,.00098,.89993, .10857, .10735, .10928
Sb2068,ppm, -.00548,.00078,14.247, -.00565, -.00616, -.00463
Se1960,ppm, .00813,.00011,1.3360, .00822, .00816, .00801
Sn1899,ppm, .02422,.00030,1.2566, .02429, .02448, .02388
Sr4077,ppm, .39701,.00071,.17833, .39724, .39621, .39757
Ti3349,ppm, 2.1939,.00560,.25520, 2.2000, 2.1927, 2.1890
Tl1908,ppm, -.00395,.00113,28.580, -.00273, -.00417, -.00496
V_2924,ppm, .30927,.00059,.19233, .30916, .30992, .30875
Zn2138,ppm, .49892,.00182,.36538, .49769, .49807, .50102

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 649.73,4.1947,.64561,653.55,650.39,645.24
Y_2243,Cts/S, 4337.3,16.226,.37410,4354.2,4335.9,4321.9
Y_3710,Cts/S, 86228.,466.97,.54155,85693.,86556.,86435.
Y_3710-2,Cts/S, 7881.4,20.761,.26342,7868.9,7905.4,7870.0
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14.3
14

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[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00024,.00102,432.28, .00141, -.00040, -.00030
Al3961,ppm, 187.08,1.1835,.63259, 185.92, 188.29, 187.04
As1890,ppm, .05583,.00165,2.9479, .05470, .05772, .05507
B_2089,ppm, .17373,.00040,.23129, .17344, .17355, .17419
Ba4554,ppm, .69670,.00356,.51164, .69321, .70033, .69655
Be3130,ppm, .00537,.00008,1.4693, .00537, .00544, .00529
Ca3179,ppm, 37.400,.24390,.65213, 37.182, 37.663, 37.355
Cd2288,ppm, .00048,.00013,27.816, .00044, .00037, .00062
Co2286,ppm, .05657,.00027,.47321, .05688, .05645, .05639
Cr2677,ppm, .20367,.00223,1.0953, .20351, .20598, .20153
Cu3247,ppm, .10665,.00134,1.2602, .10596, .10820, .10579
Fe2599,ppm, 171.58,1.7635,1.0278, 169.81, 173.33, 171.59
K_7664,ppm, 34.096,.21624,.63422, 33.915, 34.335, 34.037
Li6707,ppm, .15148,.00089,.58739, .15046, .15205, .15194
Mg2790,ppm, 50.135,.35521,.70851, 49.797, 50.505, 50.104
Mn2576,ppm, 5.2061,.03048,.58549, 5.2187, 5.2283, 5.1714
Mo2020,ppm, .00203,.00022,10.678, .00179, .00220, .00210
Na5895,ppm, 82.459,.49027,.59456, 82.005, 82.979, 82.395
Ni2316,ppm, .18598,.00083,.44881, .18598, .18514, .18681
Pb2203,ppm, .13259,.00167,1.2610, .13104, .13236, .13436
Sb2068,ppm, -.00594,.00120,20.265, -.00599, -.00712, -.00471
Se1960,ppm, .01183,.00105,8.8413, .01079, .01181, .01288
Sn1899,ppm, .02635,.00063,2.3941, .02670, .02562, .02673
Sr4077,ppm, .31043,.00172,.55314, .30870, .31213, .31047
Ti3349,ppm, 2.1528,.02870,1.3332, 2.1518, 2.1819, 2.1246
Tl1908,ppm, -.00224,.00056,25.046, -.00169, -.00221, -.00281
V_2924,ppm, .34845,.00419,1.2037, .34810, .35281, .34444
Zn2138,ppm, .56137,.00105,.18660, .56143, .56030, .56239

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 640.37,3.8099,.59496,641.53,643.47,636.12
Y_2243,Cts/S, 4305.9,14.186,.32945,4303.1,4321.3,4293.3
Y_3710,Cts/S, 86428.,882.11,1.0206,86382.,85570.,87333.
Y_3710-2,Cts/S, 7941.0,86.642,1.0911,8006.2,7842.7,7974.2

[Sample Header]
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Custom ID3=
Run Time=9/8/2010 17:46:12
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00032,.00025,78.999, .00003, .00044, .00048
Al3961,ppm, 184.63,.14604,.07910, 184.47, 184.75, 184.67
As1890,ppm, .05485,.00118,2.1517, .05357, .05590, .05507
B_2089,ppm, .19197,.00092,.48171, .19240, .19091, .19260
Ba4554,ppm, .69511,.00071,.10161, .69467, .69592, .69473
Be3130,ppm, .00560,.00001,.18207, .00561, .00559, .00561
Ca3179,ppm, 40.517,.01282,.03164, 40.509, 40.510, 40.532
Cd2288,ppm, .00078,.00005,6.1637, .00074, .00083, .00076
Co2286,ppm, .06057,.00029,.48650, .06059, .06027, .06085
Cr2677,ppm, .20631,.00054,.26140, .20575, .20682, .20635
Cu3247,ppm, .11453,.00041,.35550, .11449, .11496, .11415
Fe2599,ppm, 171.82,2.3071,1.3427, 169.57, 174.18, 171.72
K_7664,ppm, 35.318,.01345,.03809, 35.303, 35.328, 35.324
Li6707,ppm, .15994,.00135,.84615, .15848, .16017, .16116
Mg2790,ppm, 55.065,.06095,.11070, 54.995, 55.107, 55.093
Mn2576,ppm, 5.6728,.02381,.41968, 5.6651, 5.6537, 5.6995
Mo2020,ppm, .00191,.00033,17.319, .00171, .00230, .00173
Na5895,ppm, 96.483,.06042,.06262, 96.530, 96.415, 96.505
Ni2316,ppm, .19594,.00004,.02150, .19599, .19591, .19591
Pb2203,ppm, .14645,.00099,.67637, .14693, .14531, .14711
Sb2068,ppm, -.00584,.00175,29.943, -.00383, -.00694, -.00677
Se1960,ppm, .01180,.00139,11.799, .01323, .01171, .01045
Sn1899,ppm, .02768,.00049,1.7830, .02786, .02806, .02712
Sr4077,ppm, .32101,.00029,.08878, .32131, .32098, .32074
Ti3349,ppm, 2.0982,.00088,.04194, 2.0972, 2.0988, 2.0985
Tl1908,ppm, -.00129,.00063,48.979, -.00057, -.00157, -.00174
V_2924,ppm, .34271,.00048,.13869, .34217, .34306, .34290
Zn2138,ppm, .59361,.00192,.32378, .59398, .59153, .59532

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 637.50,.83666,.13124,637.45,636.69,638.36
Y_2243,Cts/S, 4338.0,6.5135,.15015,4337.0,4345.0,4332.1
Y_3710,Cts/S, 86760.,183.78,.21183,86819.,86907.,86554.
Y_3710-2,Cts/S, 8030.7,45.560,.56733,8081.5,8017.4,7993.3

[Sample Header]
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Custom ID2=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00007,.00017,228.19, .00014, .00019, -.00012
Al3961,ppm, 245.62,.30455,.12399, 245.40, 245.97, 245.49
As1890,ppm, .07262,.00102,1.4028, .07284, .07352, .07152
B_2089,ppm, .28874,.00134,.46370, .28720, .28965, .28937
Ba4554,ppm, 2.0616,.00154,.07448, 2.0608, 2.0633, 2.0605
Be3130,ppm, .00821,.00002,.26196, .00819, .00821, .00824
Ca3179,ppm, 99.176,.25977,.26193, 98.885, 99.383, 99.262
Cd2288,ppm, -.00071,.00011,14.949, -.00078, -.00059, -.00077
Co2286,ppm, .07543,.00030,.39684, .07511, .07547, .07570
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Cr2677,ppm, .25963,.00122,.46934, .25827, .26062, .26000
Cu3247,ppm, .14485,.00053,.36708, .14441, .14544, .14469
Fe2599,ppm, 218.98,2.8927,1.3210, 215.69, 221.14, 220.11
K_7664,ppm, 59.817,.06798,.11364, 59.761, 59.893, 59.798
Li6707,ppm, .23104,.00100,.43178, .22993, .23185, .23134
Mg2790,ppm, 93.879,.23167,.24678, 93.655, 94.118, 93.863
Mn2576,ppm, 4.1448,.05428,1.3096, 4.0900, 4.1459, 4.1985
Mo2020,ppm, .00319,.00014,4.3063, .00304, .00331, .00322
Na5895,ppm, 108.57,.24698,.22749, 108.29, 108.76, 108.65
Ni2316,ppm, .30785,.00313,1.0164, .30616, .30592, .31146
Pb2203,ppm, .15662,.00218,1.3913, .15524, .15548, .15913
Sb2068,ppm, -.00829,.00122,14.738, -.00916, -.00882, -.00689
Se1960,ppm, .01226,.00252,20.538, .01045, .01513, .01118
Sn1899,ppm, .01024,.00058,5.6562, .01016, .00971, .01086
Sr4077,ppm, .53490,.00097,.18208, .53379, .53559, .53533
Ti3349,ppm, 2.2208,.00706,.31784, 2.2126, 2.2247, 2.2251
Tl1908,ppm, -.00986,.00047,4.7969, -.01026, -.00934, -.01000
V_2924,ppm, .48700,.00251,.51630, .48426, .48754, .48921
Zn2138,ppm, .70812,.00170,.24009, .70678, .70755, .71003

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 602.67,3.5070,.58191,604.42,604.95,598.63
Y_2243,Cts/S, 4420.8,.95073,.02151,4419.7,4421.3,4421.5
Y_3710,Cts/S, 87413.,570.23,.65234,88060.,87193.,86984.
Y_3710-2,Cts/S, 8162.0,41.348,.50659,8202.1,8119.5,8164.4

[Sample Header]
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00068,.00022,32.847, -.00076, -.00042, -.00084
Al3961,ppm, 93.494,.13546,.14488, 93.580, 93.338, 93.564
As1890,ppm, .04934,.00130,2.6430, .04860, .05085, .04858
B_2089,ppm, .11624,.00041,.35605, .11596, .11671, .11604
Ba4554,ppm, 1.0020,.00137,.13670, 1.0027, 1.0005, 1.0029
Be3130,ppm, .00234,.00000,.08526, .00234, .00234, .00233
Ca3179,ppm, 107.54,.24377,.22669, 107.82, 107.40, 107.39
Cd2288,ppm, -.00032,.00018,55.358, -.00027, -.00018, -.00052
Co2286,ppm, .05891,.00035,.59542, .05853, .05922, .05898
Cr2677,ppm, .13178,.00018,.13302, .13169, .13198, .13167
Cu3247,ppm, .03244,.00012,.35942, .03232, .03245, .03255
Fe2599,ppm, 113.40,.09744,.08592, 113.51, 113.32, 113.37
K_7664,ppm, 22.619,.02997,.13250, 22.650, 22.590, 22.619
Li6707,ppm, .10033,.00019,.19012, .10042, .10045, .10011
Mg2790,ppm, 73.424,.08922,.12152, 73.519, 73.342, 73.409
Mn2576,ppm, 1.6721,.00114,.06841, 1.6708, 1.6724, 1.6730
Mo2020,ppm, .00073,.00010,13.389, .00083, .00064, .00073
Na5895,ppm, 52.808,.10566,.20009, 52.929, 52.763, 52.732
Ni2316,ppm, .13736,.00104,.75919, .13723, .13639, .13846
Pb2203,ppm, .06917,.00212,3.0583, .06858, .06741, .07152
Sb2068,ppm, -.00466,.00151,32.286, -.00573, -.00532, -.00294
Se1960,ppm, .00698,.00210,30.111, .00646, .00929, .00518
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Sn1899,ppm, .01253,.00031,2.4962, .01256, .01221, .01283
Sr4077,ppm, .37057,.00029,.07894, .37072, .37024, .37077
Ti3349,ppm, 2.3831,.00421,.17655, 2.3867, 2.3841, 2.3784
Tl1908,ppm, -.00517,.00094,18.116, -.00413, -.00544, -.00594
V_2924,ppm, .20718,.00041,.19580, .20757, .20720, .20676
Zn2138,ppm, .35240,.00138,.39196, .35124, .35203, .35393

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 662.68,3.0944,.46695,664.59,664.33,659.11
Y_2243,Cts/S, 4414.9,16.435,.37227,4431.1,4415.4,4398.2
Y_3710,Cts/S, 88952.,265.44,.29841,89122.,89087.,88646.
Y_3710-2,Cts/S, 8040.9,33.657,.41858,8003.3,8051.1,8068.2

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CorrFactor=1.000
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[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00130,.00026,19.727, -.00152, -.00137, -.00102
Al3961,ppm, 77.816,.05042,.06479, 77.872, 77.774, 77.801
As1890,ppm, .04711,.00122,2.5862, .04807, .04751, .04574
B_2089,ppm, .10418,.00056,.53608, .10412, .10366, .10477
Ba4554,ppm, .57699,.00078,.13574, .57615, .57713, .57770
Be3130,ppm, .00177,.00001,.68637, .00178, .00178, .00175
Ca3179,ppm, 263.11,1.7942,.68192, 263.95, 264.33, 261.05
Cd2288,ppm, -.00024,.00006,24.034, -.00027, -.00029, -.00018
Co2286,ppm, .05912,.00046,.77177, .05882, .05890, .05964
Cr2677,ppm, .10925,.00044,.40211, .10956, .10943, .10875
Cu3247,ppm, .02366,.00044,1.8579, .02349, .02416, .02333
Fe2599,ppm, 99.489,.05370,.05398, 99.519, 99.521, 99.427
K_7664,ppm, 19.659,.02860,.14547, 19.691, 19.653, 19.634
Li6707,ppm, .08805,.00059,.67182, .08739, .08853, .08822
Mg2790,ppm, 61.761,.01321,.02139, 61.762, 61.774, 61.747
Mn2576,ppm, 1.7989,.00438,.24341, 1.8039, 1.7957, 1.7971
Mo2020,ppm, .00166,.00017,10.087, .00170, .00148, .00181
Na5895,ppm, 45.427,.04277,.09415, 45.476, 45.402, 45.403
Ni2316,ppm, .12997,.00082,.63242, .12967, .12934, .13090
Pb2203,ppm, .06135,.00051,.82988, .06119, .06094, .06192
Sb2068,ppm, -.00516,.00055,10.568, -.00454, -.00557, -.00537
Se1960,ppm, .00399,.00040,9.9909, .00409, .00434, .00356
Sn1899,ppm, .01658,.00046,2.7957, .01709, .01643, .01620
Sr4077,ppm, 1.2377,.00058,.04683, 1.2380, 1.2381, 1.2371
Ti3349,ppm, 2.2513,.00886,.39345, 2.2615, 2.2469, 2.2455
Tl1908,ppm, -.00362,.00051,14.085, -.00356, -.00314, -.00416
V_2924,ppm, .16558,.00068,.41182, .16597, .16597, .16479
Zn2138,ppm, .32322,.00067,.20771, .32263, .32309, .32395

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 650.54,3.0097,.46264,651.78,652.74,647.11
Y_2243,Cts/S, 4380.4,6.9721,.15917,4384.9,4384.0,4372.4
Y_3710,Cts/S, 87643.,149.99,.17114,87498.,87797.,87634.
Y_3710-2,Cts/S, 8018.7,37.008,.46153,7980.7,8020.9,8054.6
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Mode=CONC
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .24628,.00031,.12555, .24598, .24628, .24660,Chk Pass,,
Al3961,ppm, 40.669,.07715,.18970, 40.683, 40.738, 40.586,Chk Pass,,
As1890,ppm, 1.9538,.00896,.45863, 1.9476, 1.9497, 1.9641,Chk Pass,,
B_2089,ppm, 1.9704,.00207,.10489, 1.9688, 1.9696, 1.9727,Chk Pass,,
Ba4554,ppm, 2.0325,.00179,.08785, 2.0328, 2.0342, 2.0306,Chk Pass,,
Be3130,ppm, 1.9859,.00600,.30207, 1.9891, 1.9896, 1.9790,Chk Pass,,
Ca3179,ppm, 39.805,.06825,.17147, 39.854, 39.835, 39.727,Chk Pass,,
Cd2288,ppm, 1.9641,.00432,.21985, 1.9608, 1.9626, 1.9690,Chk Pass,,
Co2286,ppm, 1.9404,.00426,.21929, 1.9360, 1.9408, 1.9445,Chk Pass,,
Cr2677,ppm, 1.9722,.00417,.21167, 1.9705, 1.9770, 1.9692,Chk Pass,,
Cu3247,ppm, 1.9566,.00147,.07491, 1.9582, 1.9560, 1.9555,Chk Pass,,
Fe2599,ppm, 40.074,.05710,.14248, 40.068, 40.134, 40.021,Chk Pass,,
K_7664,ppm, 40.414,.06485,.16046, 40.419, 40.476, 40.346,Chk Pass,,
Li6707,ppm, 2.0049,.00254,.12674, 2.0077, 2.0043, 2.0027,Chk Pass,,
Mg2790,ppm, 39.247,.04488,.11436, 39.224, 39.299, 39.218,Chk Pass,,
Mn2576,ppm, 1.9468,.00178,.09152, 1.9462, 1.9488, 1.9454,Chk Pass,,
Mo2020,ppm, 1.9975,.00431,.21580, 1.9968, 1.9937, 2.0022,Chk Pass,,
Na5895,ppm, 40.399,.03929,.09726, 40.423, 40.420, 40.353,Chk Pass,,
Ni2316,ppm, 1.9094,.00252,.13193, 1.9110, 1.9107, 1.9065,Chk Pass,,
Pb2203,ppm, 1.8899,.00351,.18568, 1.8907, 1.8929, 1.8860,Chk Pass,,
Sb2068,ppm, 1.9758,.00288,.14557, 1.9777, 1.9725, 1.9772,Chk Pass,,
Se1960,ppm, 1.9086,.00410,.21455, 1.9039, 1.9117, 1.9102,Chk Pass,,
Sn1899,ppm, 1.9182,.00511,.26657, 1.9124, 1.9203, 1.9219,Chk Pass,,
Sr4077,ppm, 2.0211,.00198,.09779, 2.0219, 2.0225, 2.0188,Chk Pass,,
Ti3349,ppm, 1.9792,.00218,.11015, 1.9789, 1.9815, 1.9771,Chk Pass,,
Tl1908,ppm, 1.9508,.00054,.02776, 1.9514, 1.9505, 1.9505,Chk Pass,,
V_2924,ppm, 1.9521,.00431,.22103, 1.9540, 1.9552, 1.9472,Chk Pass,,
Zn2138,ppm, 1.9613,.00316,.16087, 1.9588, 1.9601, 1.9648,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 707.65,1.0942,.15462,707.99,708.53,706.43
Y_2243,Cts/S, 3941.9,15.293,.38796,3950.9,3950.6,3924.3
Y_3710,Cts/S, 79362.,184.37,.23231,79374.,79172.,79540.
Y_3710-2,Cts/S, 7106.8,32.431,.45634,7105.4,7075.1,7139.9

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Custom ID3=
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Sample Type=QC
Mode=CONC
CorrFactor=1.000
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Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, -.00043,.00070,162.48, -.00080, -.00087, .00038,Chk Pass,,
Al3961,ppm, .00618,.01006,162.74, .00227, .01761, -.00113,Chk Pass,,
As1890,ppm, .00168,.00024,14.434, .00165, .00193, .00145,Chk Pass,,
B_2089,ppm, .00204,.00030,14.623, .00235, .00202, .00175,Chk Pass,,
Ba4554,ppm, .00016,.00012,72.225, .00017, .00004, .00027,Chk Pass,,
Be3130,ppm, .00006,.00001,24.000, .00006, .00007, .00004,Chk Pass,,
Ca3179,ppm, .00764,.00170,22.268, .00722, .00618, .00951,Chk Pass,,
Cd2288,ppm, .00008,.00023,285.83, .00025, -.00018, .00017,Chk Pass,,
Co2286,ppm, -.00005,.00021,416.73, -.00016, -.00019, .00019,Chk Pass,,
Cr2677,ppm, .00012,.00023,192.67, .00037, -.00009, .00009,Chk Pass,,
Cu3247,ppm, -.00094,.00036,38.546, -.00058, -.00131, -.00093,Chk Pass,,
Fe2599,ppm, .00825,.00108,13.120, .00735, .00945, .00794,Chk Pass,,
K_7664,ppm, .04634,.00408,8.8078, .04298, .05088, .04516,Chk Pass,,
Li6707,ppm, .00246,.00111,45.139, .00332, .00286, .00121,Chk Pass,,
Mg2790,ppm, .00092,.00554,604.98, -.00060, -.00371, .00706,Chk Pass,,
Mn2576,ppm, .00016,.00004,27.295, .00020, .00018, .00011,Chk Pass,,
Mo2020,ppm, -.00006,.000073,124.90, .00002, -.00013, -.00007,Chk Pass,,
Na5895,ppm, .02206,.00585,26.535, .02539, .02549, .01530,Chk Pass,,
Ni2316,ppm, .00001,.00014,1102.7, .00005, .00013, -.00014,Chk Pass,,
Pb2203,ppm, .00021,.00043,200.53, -.00019, .00066, .00017,Chk Pass,,
Sb2068,ppm, .00091,.00046,50.729, .00051, .00142, .00080,Chk Pass,,
Se1960,ppm, .00170,.00228,134.16, -.00013, .00425, .00097,Chk Pass,,
Sn1899,ppm, .00017,.00059,339.74, .00062, .00040, -.00050,Chk Pass,,
Sr4077,ppm, .00019,.00006,33.302, .00013, .00020, .00026,Chk Pass,,
Ti3349,ppm, .00026,.00037,142.58, .00065, .00023, -.00009,Chk Pass,,
Tl1908,ppm, .00035,.00038,107.87, -.00006, .00069, .00043,Chk Pass,,
V_2924,ppm, .00040,.00016,39.254, .00058, .00034, .00028,Chk Pass,,
Zn2138,ppm, .00017,.00005,29.146, .00022, .00015, .00013,Chk Pass,,

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 814.70,2.7080,.33239,813.05,817.82,813.22
Y_2243,Cts/S, 4089.7,.82679,.02022,4089.0,4089.4,4090.6
Y_3710,Cts/S, 83000.,130.25,.15692,83064.,82850.,83085.
Y_3710-2,Cts/S, 7127.9,18.916,.26538,7113.7,7120.7,7149.4

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Custom ID2=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00105,.00039,37.129, .00105, .00066, .00144
Al3961,ppm, .01008,.00837,83.064, .00122, .01785, .01115
As1890,ppm, .02037,.00056,2.7433, .02099, .02020, .01992
B_2089,ppm, .00965,.00024,2.5323, .00992, .00959, .00945
Ba4554,ppm, .00810,.00033,4.0355, .00813, .00841, .00776
Be3130,ppm, -.00001,.00001,131.72, -.00002, .00000, -.00001
Ca3179,ppm, .20200,.00139,.68591, .20049, .20320, .20232
Cd2288,ppm, .00032,.00007,23.417, .00037, .00023, .00035
Co2286,ppm, -.00001,.00016,1526.8, -.00019, .00003, .00013
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Cr2677,ppm, .00104,.00016,15.770, .00092, .00122, .00097
Cu3247,ppm, .02414,.00013,.55264, .02407, .02429, .02405
Fe2599,ppm, .00048,.00116,243.15, -.00062, .00169, .00036
K_7664,ppm, .10100,.02534,25.086, .12326, .07343, .10632
Li6707,ppm, .00208,.00178,85.286, .00234, .00019, .00372
Mg2790,ppm, .02159,.00522,24.176, .01867, .01847, .02761
Mn2576,ppm, .00419,.00001,.21980, .00418, .00420, .00419
Mo2020,ppm, .00008,.00009,114.51, -.00002, .00009, .00015
Na5895,ppm, .33546,.00613,1.8267, .32858, .33749, .34032
Ni2316,ppm, .00149,.00017,11.573, .00141, .00138, .00169
Pb2203,ppm, -.00006,.00050,799.24, -.00038, .00051, -.00032
Sb2068,ppm, .00119,.00034,28.456, .00122, .00152, .00084
Se1960,ppm, .06087,.00073,1.2017, .06051, .06040, .06172
Sn1899,ppm, .01636,.00028,1.7400, .01610, .01631, .01666
Sr4077,ppm, .00107,.00004,3.3621, .00111, .00105, .00105
Ti3349,ppm, .00058,.00011,18.136, .00054, .00070, .00051
Tl1908,ppm, -.02566,.00054,2.1093, -.02557, -.02518, -.02625
V_2924,ppm, -.00001,.00033,4820.4, .00030, -.00035, .00004
Zn2138,ppm, .01316,.00005,.34347, .01312, .01316, .01321

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 913.70,1.8064,.19770,915.48,911.87,913.73
Y_2243,Cts/S, 4133.5,10.658,.25785,4145.7,4128.7,4126.1
Y_3710,Cts/S, 86123.,719.36,.83526,85293.,86529.,86548.
Y_3710-2,Cts/S, 7607.9,15.187,.19963,7610.6,7591.5,7621.5

[Sample Header]
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Custom ID3=
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Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00006,.00055,890.26, .00068, -.00040, -.00009
Al3961,ppm, .03889,.00306,7.8666, .03609, .04215, .03843
As1890,ppm, .02646,.00027,1.0282, .02629, .02631, .02677
B_2089,ppm, .23196,.00112,.48365, .23201, .23081, .23305
Ba4554,ppm, 3.1870,.00018,.00558, 3.1872, 3.1868, 3.1871
Be3130,ppm, .00002,.00001,55.219, .00002, .00001, .00002
Ca3179,ppm, 379.78,2.6354,.69391, 376.87, 380.47, 382.01
Cd2288,ppm, .00515,.00012,2.2709, .00510, .00529, .00507
Co2286,ppm, .00291,.00018,6.2085, .00273, .00309, .00291
Cr2677,ppm, .00269,.00026,9.7071, .00253, .00299, .00255
Cu3247,ppm, .03686,.00052,1.4018, .03726, .03628, .03705
Fe2599,ppm, .06004,.00110,1.8381, .06130, .05954, .05928
K_7664,ppm, 16.557,.04484,.27081, 16.605, 16.550, 16.516
Li6707,ppm, .01926,.00071,3.6770, .02007, .01896, .01875
Mg2790,ppm, 32.133,.05647,.17575, 32.187, 32.137, 32.074
Mn2576,ppm, 2.6037,.00625,.24015, 2.5993, 2.6108, 2.6010
Mo2020,ppm, .00443,.00019,4.3093, .00422, .00459, .00449
Na5895,ppm, 11.800,.02774,.23511, 11.827, 11.802, 11.772
Ni2316,ppm, .01313,.00014,1.0603, .01327, .01315, .01299
Pb2203,ppm, .00278,.00058,21.059, .00334, .00218, .00281
Sb2068,ppm, .00081,.00065,80.900, .00152, .00065, .00025
Se1960,ppm, .07140,.00160,2.2350, .06992, .07309, .07118
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Sn1899,ppm, .01486,.00015,.98003, .01485, .01472, .01501
Sr4077,ppm, 3.3312,.00287,.08603, 3.3340, 3.3314, 3.3283
Ti3349,ppm, .00388,.00025,6.4461, .00399, .00405, .00359
Tl1908,ppm, -.02480,.00107,4.3000, -.02601, -.02439, -.02400
V_2924,ppm, .00186,.00018,9.6407, .00169, .00205, .00184
Zn2138,ppm, .03951,.00038,.96676, .03959, .03910, .03985

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 746.97,1.7136,.22941,746.15,748.94,745.82
Y_2243,Cts/S, 3806.1,11.675,.30675,3810.5,3814.9,3792.8
Y_3710,Cts/S, 79838.,315.03,.39459,79850.,79517.,80147.
Y_3710-2,Cts/S, 7501.7,16.791,.22383,7494.1,7521.0,7490.1

[Sample Header]
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Username=admin
Comment=EC
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Custom ID3=
Run Time=9/8/2010 18:31:26
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00019,.00009,46.399, .00014, .00014, .00029
Al3961,ppm, .03766,.00336,8.9176, .03764, .03432, .04103
As1890,ppm, .02796,.00055,1.9663, .02841, .02735, .02812
B_2089,ppm, .24002,.00043,.17976, .23959, .24003, .24045
Ba4554,ppm, 3.4119,.00051,.01481, 3.4123, 3.4113, 3.4120
Be3130,ppm, .00002,.00001,26.412, .00002, .00001, .00002
Ca3179,ppm, 399.50,4.2983,1.0759, 403.86, 395.26, 399.39
Cd2288,ppm, .00510,.00020,3.8567, .00500, .00498, .00533
Co2286,ppm, .00322,.00014,4.3763, .00315, .00338, .00312
Cr2677,ppm, .00279,.00009,3.3187, .00285, .00268, .00283
Cu3247,ppm, .03788,.00088,2.3295, .03692, .03808, .03865
Fe2599,ppm, .05858,.00070,1.1901, .05820, .05938, .05815
K_7664,ppm, 17.082,.00387,.02267, 17.085, 17.078, 17.084
Li6707,ppm, .02125,.00014,.63824, .02112, .02139, .02123
Mg2790,ppm, 33.103,.05914,.17866, 33.161, 33.106, 33.043
Mn2576,ppm, 2.7398,.01536,.56052, 2.7270, 2.7355, 2.7568
Mo2020,ppm, .00465,.00016,3.4025, .00456, .00483, .00457
Na5895,ppm, 8.3876,.02282,.27205, 8.3862, 8.3655, 8.4111
Ni2316,ppm, .01314,.00027,2.0555, .01299, .01297, .01345
Pb2203,ppm, .00106,.00039,37.216, .00109, .00143, .00065
Sb2068,ppm, .00035,.00081,229.78, .00076, .00088, -.00058
Se1960,ppm, .07623,.00286,3.7567, .07699, .07864, .07306
Sn1899,ppm, .01652,.00033,2.0176, .01690, .01628, .01638
Sr4077,ppm, 3.4634,.00318,.09177, 3.4642, 3.4598, 3.4660
Ti3349,ppm, .00398,.00011,2.6650, .00389, .00410, .00395
Tl1908,ppm, -.02709,.00072,2.6639, -.02676, -.02659, -.02792
V_2924,ppm, .00236,.00010,4.3055, .00229, .00232, .00248
Zn2138,ppm, .04336,.00046,1.0606, .04292, .04332, .04384

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 744.36,3.6792,.49428,747.79,744.81,740.47
Y_2243,Cts/S, 3759.3,10.534,.28022,3768.0,3762.2,3747.6
Y_3710,Cts/S, 78204.,245.60,.31406,78452.,78199.,77961.
Y_3710-2,Cts/S, 7396.1,9.6508,.13048,7388.4,7406.9,7393.0
```

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Zoom Out

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```
[Sample Header]
Method=icapns(v496)
SampleName=MBCEC
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 18:37:09
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, .00116,.00049,41.814, .00084, .00093, .00172
Al3961,ppm, .01312,.00671,51.107, .00820, .01041, .02076
As1890,ppm, .02368,.00059,2.4792, .02422, .02378, .02306
B_2089,ppm, .01057,.00011,1.0337, .01063, .01044, .01063
Ba4554,ppm, .00354,.00010,2.7633, .00355, .00362, .00343
Be3130,ppm, -.00001,.00001,121.61, .00000, -.00001, .00000
Ca3179,ppm, .51036,.00377,.73853, .51468, .50862, .50777
Cd2288,ppm, .00017,.00018,106.24, .00020, .00034, -.00002
Co2286,ppm, .00005,.00019,386.61, -.00013, .00003, .00024
Cr2677,ppm, .00080,.00022,27.103, .00103, .00076, .00060
Cu3247,ppm, .01823,.00016,.90256, .01830, .01835, .01804
Fe2599,ppm, -.00053,.00183,343.37, -.00252, .00106, -.00013
K_7664,ppm, .15070,.01776,11.788, .13728, .17084, .14397
Li6707,ppm, .00253,.00113,44.574, .00143, .00246, .00368
Mg2790,ppm, .02135,.00353,16.552, .01799, .02102, .02504
Mn2576,ppm, .00186,.00002,1.2052, .00189, .00185, .00185
Mo2020,ppm, .00013,.00018,138.90, .00032, .00009, -.00003
Na5895,ppm, 174.33,1.1932,.68446, 172.96, 174.89, 175.13
Ni2316,ppm, .00085,.00030,35.269, .00087, .00054, .00114
Pb2203,ppm, -.00118,.00042,35.288, -.00166, -.00090, -.00099
Sb2068,ppm, .00111,.00028,24.957, .00088, .00105, .00142
Se1960,ppm, .06345,.00290,4.5681, .06667, .06106, .06262
Sn1899,ppm, .01778,.00059,3.3004, .01732, .01758, .01844
Sr4077,ppm, .00127,.00005,4.2889, .00129, .00121, .00132
Ti3349,ppm, .00039,.00016,39.726, .00056, .00036, .00026
Tl1908,ppm, -.03070,.00054,1.7503, -.03069, -.03017, -.03125
V_2924,ppm, .00002,.00021,928.80, .00009, -.00021, .00019
Zn2138,ppm, .00861,.00003,.29538, .00864, .00859, .00860

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 804.78,3.0270,.37613,802.15,808.09,804.09
Y_2243,Cts/S, 3928.7,10.093,.25691,3929.3,3938.4,3918.3
Y_3710,Cts/S, 81468.,34.776,.04269,81464.,81505.,81436.
Y_3710-2,Cts/S, 7519.7,35.848,.47673,7478.3,7542.0,7538.7

[Sample Header]
Method=icapns(v496)
SampleName=T58839-1
Username=admin
Comment=CEC
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 18:42:57
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
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```
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00039,.00020,50.379, -.00023, -.00061, -.00034
Al3961,ppm, .04873,.00542,11.117, .04253, .05106, .05258
As1890,ppm, .08475,.00170,2.0040, .08603, .08539, .08282
B_2089,ppm, .08543,.00030,.35679, .08557, .08508, .08564
Ba4554,ppm, 2.2415,.00599,.26729, 2.2364, 2.2400, 2.2481
Be3130,ppm, .00000,.00001,897.99, .00001, .00000, -.00001
Ca3179,ppm, 134.07,.47292,.35274, 133.59, 134.09, 134.54
Cd2288,ppm, .00314,.00010,3.0236, .00307, .00311, .00325
Co2286,ppm, .00090,.00031,34.203, .00117, .00057, .00095
Cr2677,ppm, .00095,.00007,7.6226, .00093, .00089, .00103
Cu3247,ppm, .01187,.00013,1.0651, .01173, .01194, .01196
Fe2599,ppm, .01208,.00055,4.5929, .01200, .01157, .01267
K_7664,ppm, 4.9862,.04459,.89419, 4.9386, 4.9930, 5.0270
Li6707,ppm, .00796,.00071,8.9348, .00720, .00862, .00806
Mg2790,ppm, 4.0878,.01109,.27129, 4.0916, 4.0753, 4.0964
Mn2576,ppm, .89762,.00282,.31420, .89438, .89889, .89958
Mo2020,ppm, .00188,.00006,3.3293, .00195, .00185, .00184
Na5895,ppm, 442.68,2.3509,.53105, 441.62, 441.05, 445.38
Ni2316,ppm, .00365,.00020,5.5951, .00343, .00367, .00384
Pb2203,ppm, -.00346,.00021,6.0946, -.00352, -.00323, -.00364
Sb2068,ppm, .01276,.00137,10.712, .01418, .01265, .01146
Se1960,ppm, .20762,.00212,1.0221, .20962, .20539, .20785
Sn1899,ppm, .05507,.00059,1.0802, .05483, .05464, .05575
Sr4077,ppm, 1.0794,.00236,.21827, 1.0778, 1.0783, 1.0821
Ti3349,ppm, .00173,.00013,7.3777, .00188, .00168, .00164
Tl1908,ppm, -.09709,.00101,1.0366, -.09674, -.09631, -.09823
V_2924,ppm, .00125,.00007,5.9821, .00128, .00130, .00116
Zn2138,ppm, .01669,.00034,2.0357, .01636, .01667, .01704

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 760.34,5.9285,.77972,763.07,764.41,753.54
Y_2243,Cts/S, 3975.4,20.217,.50856,3988.3,3985.7,3952.1
Y_3710,Cts/S, 79182.,224.94,.28407,79441.,79073.,79033.
Y_3710-2,Cts/S, 8278.3,48.354,.58410,8329.4,8272.2,8233.3

[Sample Header]
Method=icapns(v496)
SampleName=T58839-1D
Username=admin
Comment=CEC
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 18:48:45
Sample Type=Unk
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
Ag3280,ppm, -.00059,.00051,86.784, -.00116, -.00042, -.00018
Al3961,ppm, .05839,.00336,5.7470, .06107, .05948, .05463
As1890,ppm, .07996,.00115,1.4428, .08129, .07923, .07935
B_2089,ppm, .08390,.00064,.76461, .08325, .08390, .08454
Ba4554,ppm, 2.1665,.00151,.06950, 2.1682, 2.1656, 2.1656
Be3130,ppm, .00000,.00000,33.351, -.00001, .00000, .00000
Ca3179,ppm, 132.00,.30194,.22874, 131.88, 132.35, 131.78
Cd2288,ppm, .00296,.00008,2.7879, .00305, .00288, .00296
Co2286,ppm, .00096,.00025,25.635, .00078, .00124, .00086
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Cr2677,ppm, .00105,.00002,1.8200, .00105, .00103, .00106
Cu3247,ppm, .01246,.00057,4.5934, .01227, .01200, .01310
Fe2599,ppm, .01121,.00116,10.334, .01084, .01251, .01028
K_7664,ppm, 4.8388,.01397,.28864, 4.8499, 4.8231, 4.8434
Li6707,ppm, .00780,.00037,4.7200, .00794, .00738, .00807
Mg2790,ppm, 3.8676,.00154,.03970, 3.8694, 3.8665, 3.8670
Mn2576,ppm, .87481,.00106,.12066, .87443, .87600, .87399
Mo2020,ppm, .00155,.00021,13.604, .00132, .00172, .00162
Na5895,ppm, 408.56,3.4352,.84080, 406.09, 412.49, 407.12
Ni2316,ppm, .00344,.00025,7.2886, .00370, .00342, .00320
Pb2203,ppm, -.00328,.00058,17.600, -.00328, -.00270, -.00386
Sb2068,ppm, .00975,.00042,4.3365, .00981, .00929, .01013
Se1960,ppm, .21290,.00213,1.0002, .21467, .21054, .21350
Sn1899,ppm, .05552,.00053,.96016, .05492, .05571, .05594
Sr4077,ppm, .99134,.00120,.12098, .99129, .99256, .99017
Ti3349,ppm, .00178,.00008,4.7141, .00173, .00173, .00187
Tl1908,ppm, -.09804,.00097,.99050, -.09759, -.09738, -.09916
V_2924,ppm, .00139,.00031,21.913, .00106, .00166, .00146
Zn2138,ppm, .02115,.00011,.51141, .02110, .02128, .02108

[Internal Standards]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3
In2306,Cts/S, 755.96,3.7776,.49971,757.16,758.99,751.73
Y_2243,Cts/S, 3956.1,14.124,.35702,3965.6,3963.0,3939.9
Y_3710,Cts/S, 79279.,41.687,.05258,79320.,79237.,79279.
Y_3710-2,Cts/S, 8195.0,20.935,.25546,8204.6,8171.0,8209.5

[Sample Header]
Method=icapns(v496)
SampleName=CCV
Username=admin
Comment=
Custom ID1=
Custom ID2=
Custom ID3=
Run Time=9/8/2010 18:54:32
Sample Type=QC
Mode=CONC
CorrFactor=1.000
Repeats=3

[Results]
Elem,Units,Avg,Stddev,RSD,Rep1,Rep2,Rep3,chk_Pass/Fail,chk_Low,chk_High
Ag3280,ppm, .24524,.00049,.20096, .24473, .24571, .24529,Chk Pass,,
Al3961,ppm, 40.390,.08048,.19925, 40.348, 40.339, 40.483,Chk Pass,,
As1890,ppm, 1.9950,.00361,.18075, 1.9988, 1.9946, 1.9916,Chk Pass,,
B_2089,ppm, 1.9633,.00547,.27868, 1.9612, 1.9592, 1.9695,Chk Pass,,
Ba4554,ppm, 2.0389,.00344,.16865, 2.0378, 2.0361, 2.0427,Chk Pass,,
Be3130,ppm, 1.9762,.02400,1.2146, 1.9998, 1.9770, 1.9518,Chk Pass,,
Ca3179,ppm, 39.478,.04660,.11805, 39.457, 39.446, 39.531,Chk Pass,,
Cd2288,ppm, 1.9586,.00620,.31668, 1.9558, 1.9543, 1.9657,Chk Pass,,
Co2286,ppm, 1.9405,.00802,.41333, 1.9353, 1.9364, 1.9497,Chk Pass,,
Cr2677,ppm, 1.9348,.01251,.64661, 1.9415, 1.9426, 1.9204,Chk Pass,,
Cu3247,ppm, 1.9448,.00315,.16195, 1.9482, 1.9441, 1.9420,Chk Pass,,
Fe2599,ppm, 39.870,.04804,.12050, 39.846, 39.838, 39.925,Chk Pass,,
K_7664,ppm, 40.277,.08873,.22029, 40.219, 40.233, 40.380,Chk Pass,,
Li6707,ppm, 2.0052,.00263,.13102, 2.0032, 2.0043, 2.0082,Chk Pass,,
Mg2790,ppm, 38.680,.05856,.15139, 38.677, 38.623, 38.740,Chk Pass,,
Mn2576,ppm, 1.9253,.00512,.26569, 1.9303, 1.9254, 1.9201,Chk Pass,,
Mo2020,ppm, 2.0167,.00350,.17375, 2.0155, 2.0140, 2.0207,Chk Pass,,
Na5895,ppm, 40.520,.04600,.11351, 40.490, 40.498, 40.573,Chk Pass,,
Ni2316,ppm, 1.8990,.00896,.47174, 1.8909, 1.8975, 1.9087,Chk Pass,,
Pb2203,ppm, 1.8566,.01454,.78307, 1.8423, 1.8561, 1.8714,Chk Pass,,
Sb2068,ppm, 1.9775,.00932,.47132, 1.9699, 1.9746, 1.9879,Chk Pass,,
Se1960,ppm, 2.0303,.01121,.55210, 2.0432, 2.0233, 2.0243,Chk Pass,,
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NOTE: The remaining raw data for this batch is not relevant to this job. As such it has been omitted.

ACCUTEST

42

Batch ID #: MP 12740

Aqueous Digestion Log

ICP DIGESTION METHOD: SW-846 3010A or EPA 200.7

☐ Data Scanned

Digestion Block ID #: 5 Thermometer ID #: 71 Prep Date: 9/6/10

Regular ✓		Acceptable Temperature Ranges: 90 to 95°C	
200.7		START TIME: 930	END TIME: 1300
TCLP			
SPLP		START TEMP: 95°	END TEMP: 95°

Acid Reference ID #:	Spike Reference ID:	DOE:
1:1 HCl: M2010-007-106	Spike Solution: MA2006-019-129	DOE: 2/21/11
HNO_3: MA1266 10	TCLP Spike Solution:	DOE:
Filter Lot #:	Spike Solution:	DOE:
Digestion Tube Lot#: 10052982	Spike Solution:	DOE:

Sample ID	Initial pH	Adjusted pH	Sample Volume (mL)	Spike Amount (mL)	Acid Amount (mL)	Final Volume (mL)	Comments
				Spike / TCLP / Addit.	HNO3 / 1:1 HCl		
MB1	7	<2	50		1.5x2 5	50	
LC1(LC)	↓	↓	↓	1.0	↓ ↓	↓	
LC2(LCD)							
SD1 T59295-1	<2	–	50		1.5x2 5	50	
D1(DUP)							
S1(MS)				1.0			
S2(MSD)				1.0			
1 T59295-1							
2 T59295-2							
3 T59295-3							
4 T59295-4							
5 T59296-2							
6 T59296-5							
7 T59296-7							
8 T59296-8							
9 T59306-1							
10 T59306-4							
11 T59306-5							
12 T59307-4							
13 T59307-5							
14 T59309-1							
15 T59309-2							
16							
17							
18							
19							
20							

Lab Technician: TT Date: 9/6/10

Analyst: Date:

QC Reviewer: NS Date: 9/29/10

Form: AA-018A

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ACCUTEST

44

Batch ID #: MP 12742

Aqueous Digestion Log

ICP DIGESTION METHOD: SW-846 3010A or EPA 200.7

☐ Data Scanned

Digestion Block ID #: 5 Thermometer ID #: 71 Prep Date: 9/6/10

Regular ✓		Acceptable Temperature Ranges: 90 to 95°C	
200.7		START TIME: 1100	END TIME: 1620
TCLP			
SPLP		START TEMP: 95	END TEMP: 95°

Acid Reference ID #:	Spike Reference ID:	DOE:
1:1 HCl: M2010-007-106	Spike Solution: MA2006-B19-128	DOE: 2/21/10
HNO_3: AA100610	TCLP Spike Solution:	DOE:
Filter Lot #:	Spike Solution:	DOE:
Digestion Tube Lot#: 10052902	Spike Solution:	DOE:

Sample ID	Initial pH	Adjusted pH	Sample Volume (mL)	Spike Amount (mL)	Acid Amount (mL)	Final Volume (mL)	Comments
				Spike / TCLP / Addit.	HNO3 / 1:1 HCl		
MB1	7	<2	50		1.5x2 5	50	
LC1(LC)	↓	↓	↓	1.0	↓ ↓	✓	
LC2(LCD)							
SD1 T59295-1F	<2	–	50		1.5x2 5	50	
D1(DUP)	↓	↓	↓		↓ ↓	↓	
S1(MS)	↓	↓	↓	1.0	↓ ↓	↓	
S2(MSD)	↓	↓	↓	1.0	↓ ↓	↓	
1 T59295-1F	↓	↓	↓		↓ ↓	↓	
2 T59295-2F	↓	↓	↓		↓ ↓	↓	
3 T59295-3F	↓	↓	↓		↓ ↓	↓	
4 T59295-4F	↓	↓	↓		↓ ↓	↓	
5 T59296-5F	↓	↓	↓		↓ ↓	↓	
6 T59296.7F	↓	↓	↓		↓ ↓	↓	
7 T59296-8F	↓	↓	↓		↓ ↓	↓	
8 T59306.3F	↓	↓	↓		↓ ↓	↓	
9 T59306-4F	↓	↓	↓		↓ ↓	↓	
10 T59306-5F	↓	↓	↓		↓ ↓	↓	
11 T59307-4F	↓	↓	↓		↓ ↓	↓	
12 T59307-5F	↓	↓	↓		↓ ↓	↓	
13 T59309-1F	↓	↓	↓		↓ ↓	↓	
14 T59309-2F	↓	↓	↓		↓ ↓	↓	
15							
16							
17							
18							
19							
20							

Lab Technician: H Date: 9/6/10

Analyst: Date:

QC Reviewer: NI Date: 9/29/10

Form: AA-018A

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ACCUTEST

Batch ID #: MP 12743

SOLID/SOIL DIGESTION LOG

ICP DIGESTION METHOD: SW-846 3050B DIGESTION BLOCK ID# 4 THERM. ID# 137 Prep. Date: 9/6/10

Soil ✓		Acceptable Temperature Ranges: 95°C ±5°C
Wipes		START TIME: 1330 END TIME: 830 9/7/10
Filter		START TEMP: 95° END TEMP: 95°
Oil		

Acid Reference ID #:	Lab Control Source:
Conc. HCl: AA100617	LC Reference ID #: AA100503
Conc. HNO_3: AA100610	Filter Lot#: R07A54556
1:1 HNO_3:	Spike ID #: MA2006-019-129
H_2O_2: AA100329	Digestion Tube Lot# 1005282

Sample ID	Wet wt. (g)	ACID Amount (mL) 1:1 HNO_3	Conc. HNO_3	Conc. HCl	H_2O_2 Amount (mL)	Spike Amount (mL)	Final Volume (mL)	Comments
					2mL DI H2O			
MB1			2.5x2	5	+3mL H2O2		50	
LC1(LC)	.625		↓	↓	↓		↓	
LC2(LCD)					2mL DI H2O			
SD1 T59295-5	.900		2.5x2	5	+3mL H2O2		50	
D1(DUP)	.960		↓	↓	↓		↓	
S1(MS)	.843					1.0		
S2(MSD)	.841					1.0		
1 T59295-5	.900							
2 -6	.946							
3 -7	.865							
4 T59296-4	.813							
5 -6	.840							
6 T59306-1	.827							
7 -2	.813							
8 T59307-3	.870							
9 T59309-3	.935							
10 -4	.919		↓	↓	↓		↓	
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								IT 9/6/10

Lab Technician: IT Date: 9/6/10 ☐ Data Scanned

Analyst: Date:

QC Reviewer: NJ Date: 10/6/10

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Form: AA-018B
Rev. Date: 7/2/2010

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Gulf Coast ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries
- Instrument Runlogs/QC
- Percent Solids Raw Data Summary

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
HEM Oil And Grease	GP10065/GN25203	2.0	0.0	mg/l	40	37.6	94.0	78-114%
Total Organic Carbon	GP10060/GN25195	1.0	0.0	mg/l	25	27.0	108.0	80-120%

Associated Samples:
Batch GP10060: T59309-1, T59309-2
Batch GP10065: T59309-1, T59309-2
(*) Outside of QC limits

BLANK SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

Analyte	Batch ID	Units	Spike Amount	BSD Result	RPD	QC Limit
HEM Oil And Grease	GP10065/GN25203	mg/l	40	39.9	5.9	

Associated Samples:
Batch GP10065: T59309-1, T59309-2
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
HEM Oil And Grease	GP10065/GN25203	T59312-2	mg/l	1.8	1.7	5.7	0-18%
Solids, Percent	GN25191	T59306-1	%	36.9	36.1	2.2	0-5%
Total Organic Carbon	GP10060/GN25195	T59312-2	mg/l	7.5	7.6	1.3	0-20%

Associated Samples:
Batch GN25191: T59309-3, T59309-4
Batch GP10060: T59309-1, T59309-2
Batch GP10065: T59309-1, T59309-2
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
HEM Oil And Grease	GP10065/GN25203	T59312-2	mg/l	1.8	40	41.6	99.5	78-114%
Total Organic Carbon	GP10060/GN25195	T59312-2	mg/l	7.5	25	34.6	108.4	75-125%

Associated Samples:
Batch GP10060: T59309-1, T59309-2
Batch GP10065: T59309-1, T59309-2
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: TOC090710W1.TXT Date Analyzed: 09/07/10 Methods: SM5310B/9060A
Analyst: MC Run ID: GN25195
Parameters: Total Organic Carbon

Time	Sample Description	Dilution Factor	PS Recov	Comments
08:35	ZZZZZZ	1		
08:49	ZZZZZZ	1		
09:01	GN25195-ICV1	1		
09:15	GN25195-ICB1	1		
09:27	GP10060-B1	1		
09:39	GP10060-MB1	1		
09:54	GP10060-S1	1		
10:06	GP10060-D1	1		
10:20	T59312-2	1		(sample used for QC only; not part of login T59309)
10:34	T59309-1	1		
10:48	T59309-2	1		
11:02	ZZZZZZ	1		
11:16	ZZZZZZ	1		
11:40	GN25195-CCV1	1		
11:56	GN25195-CCB1	1		

Refer to raw data for calibration curve and standards.

Instrument QC Summary
Inorganics Analyses

Login Number: T59309
Account: RFWTXHO - Weston Solutions
Project: DeepWater Horizon Weekday

File ID: TOC090710W1.TXT Date Analyzed: 09/07/10 Methods: SM5310B/9060A
Run ID: GN25195 Units: mg/l

Sample Number	Parameter	Result	RL	IDL/MDL	True Value	% Recov.	QC Limits
GN25195-ICV1	Total Organic Carbon	26.8	1.0	0.32	25	107.2	90-110
GN25195-ICB1	Total Organic Carbon	0.32 U	1.0	0.32			
GN25195-CCV1	Total Organic Carbon	50.9	1.0	0.32	50	101.8	90-110
GN25195-CCB1	Total Organic Carbon	0.32 U	1.0	0.32			

(!) Outside of QC limits

Percent Solids Raw Data Summary

Job Number: T59309
Account: RFWTXHO Weston Solutions
Project: DeepWater Horizon Weekday

Sample: T59309-3 **Analyzed:** 07-SEP-10 by LA **Method:** SM 2540 G
ClientID: T001-R678-100905-SD-1

Wet Weight (Total)	10.5227	g
Tare Weight	1.3198	g
Dry Weight (Total)	8.0726	g
Solids, Percent	73.4	%

Sample: T59309-4 **Analyzed:** 07-SEP-10 by LA **Method:** SM 2540 G
ClientID: T001-R680-100905-SD-1

Wet Weight (Total)	10.5142	g
Tare Weight	1.3471	g
Dry Weight (Total)	8.5486	g
Solids, Percent	78.6	%

Gulf Coast ACCUTEST LABORATORIES

General Chemistry

Raw Data

ACCUTEST LABORATORIES T59309

C:\TOC3201\Data\toc090710w1.t32

GN25195

	Type	Analysis	Sample Name	Sample ID	ObjectID	Origin	Dilution	Result	N	Co	Status	Acti	Date / Time
1	Unknown	NPOC	BLKconf		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:0.000mg/L			Completed		9/7/2010 8:37:28 AM
2	Unknown	NPOC	BLKconf		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:0.08235mg/L			Completed		9/7/2010 8:51:36 AM
3	Unknown	NPOC	ICV	GN100727B	0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:26.78mg/L			Completed		9/7/2010 9:03:34 AM
4	Unknown	NPOC	ICB		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:0.07530mg/L			Completed		9/7/2010 9:17:40 AM
5	Unknown	NPOC	GP10060-B1	GN100825M	0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:26.95mg/L			Completed		9/7/2010 9:29:41 AM
6	Unknown	NPOC	GP10060-MB1		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:0.01855mg/L			Completed		9/7/2010 9:43:47 AM
7	Unknown	NPOC	GP10060-S1	GN100825M	0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:34.56mg/L			Completed		9/7/2010 9:56:04 AM
8	Unknown	NPOC	GP10060-D1		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:7.629mg/L			Completed		9/7/2010 10:10:32 AM
9	Unknown	NPOC	T59312-2		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:7.529mg/L			Completed		9/7/2010 10:22:40 AM
10	Unknown	NPOC	T59309-1		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:2.726mg/L			Completed		9/7/2010 10:36:47 AM
11	Unknown	NPOC	T59309-2		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:2.655mg/L			Completed		9/7/2010 10:50:49 AM
12	Unknown	NPOC	T59311-3		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:4.407mg/L			Completed		9/7/2010 11:04:51 AM
13	Unknown	NPOC	T59311-4		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:8.124mg/L			Completed		9/7/2010 11:18:52 AM
14	Unknown	NPOC	CCV	GN100727B	0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:50.91mg/L			Completed		9/7/2010 11:44:57 AM
15	Unknown	NPOC	CCB		0A-000001-1010	C:\TOC3201\Method	1.000	NPOC:0.2736mg/L			Completed		9/7/2010 11:59:02 AM

MC 9/7/10

CW 9/7/10

9/7/2010 12:12:19 PM

9/7/2010 12:12:32 PM toc090710w1.132

Instr.Information

System	TOC-VCSN
Detector	Combustion
Catalyst	Regular Sensitivity
Cell Length	long

Sample

Sample Name:	BLKconf
Sample ID:	
Origin:	noacid.met
Status	Completed
Chk. Result	

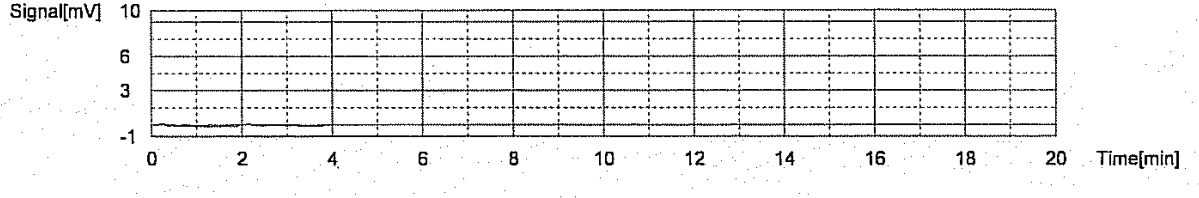
Type	Anal.	Dil.		Result
Unknown	NPOC		1.000	NPOC:0.000mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.000	0.000mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 8:35:25 AM
2	0.000	0.000mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 8:37:28 AM

Mean Area 0.000
Mean Conc. 0.000mg/L



Sample

Sample Name:	BLKconf
Sample ID:	
Origin:	noacid.met
Status	Completed
Chk. Result	

9/7/2010 12:12:32 PM toc090710w1.t32

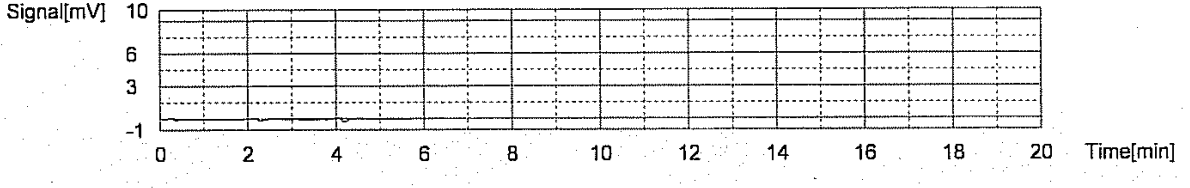
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.08235mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.000	0.000mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 8:47:29 AM
2	0.2272	0.07756mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 8:49:32 AM
3	0.2553	0.08715mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 8:51:36 AM

Mean Area 0.2413
Mean Conc. 0.08235mg/L



Sample

Sample Name: ICV
Sample ID: GN100727B
Origin: noacid.met
Status Completed
Chk. Result

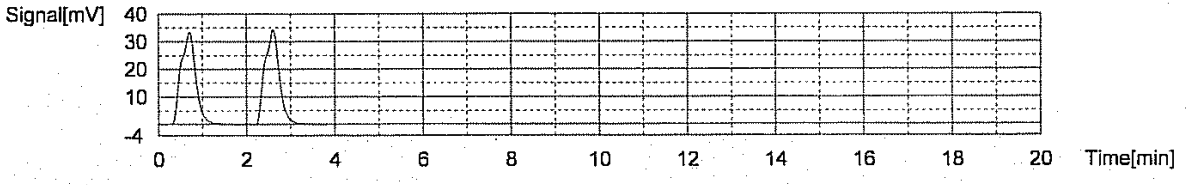
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:26.78mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	77.85	26.57mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:01:31 AM
2	79.04	26.98mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:03:34 AM

Mean Area 78.45
Mean Conc. 26.78mg/L



Sample

Sample Name: ICB
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

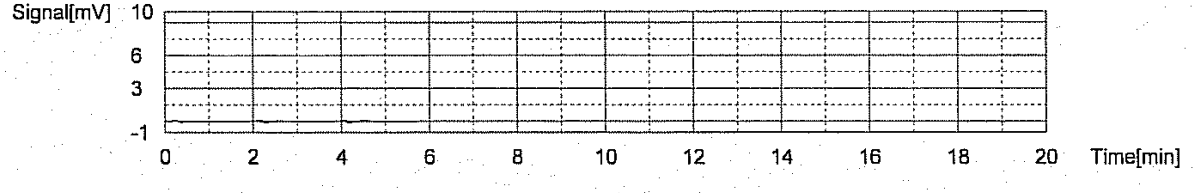
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.07530mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.000	0.000mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:13:34 AM
2	0.1632	0.05571mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:15:37 AM
3	0.2780	0.09490mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:17:40 AM

Mean Area 0.2206
Mean Conc. 0.07530mg/L



Sample

Sample Name: GP10060-B1
Sample ID: GN100825M
Origin: noacid.met
Status Completed
Chk. Result

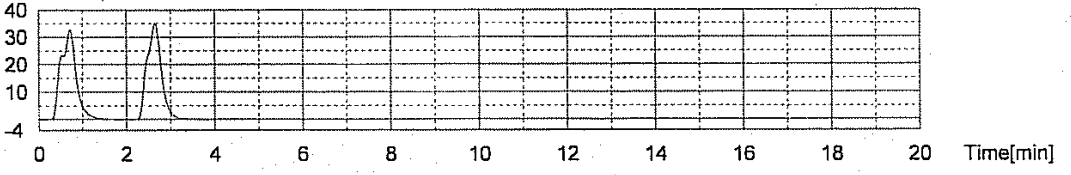
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:26.95mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	78.94	26.95mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:27:37 AM
2	78.97	26.96mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:29:41 AM

Mean Area 78.95
Mean Conc. 26.95mg/L



Sample

Sample Name: GP10060-MB1
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.01855mg/L

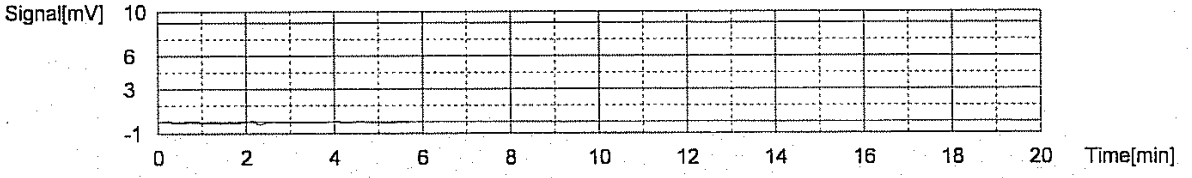
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	0.000	0.000mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:39:41 AM
2	0.3005	0.1026mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:41:44 AM
3	0.1087	0.03711mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:43:47 AM

9/7/2010 12:12:32 PM toc090710w1.t32

Mean Area 0.05435
Mean Conc. 0.01855mg/L



Sample

Sample Name: GP10060-S1
Sample ID: GN100825M
Origin: noacid.met
Status Completed
Chk. Result

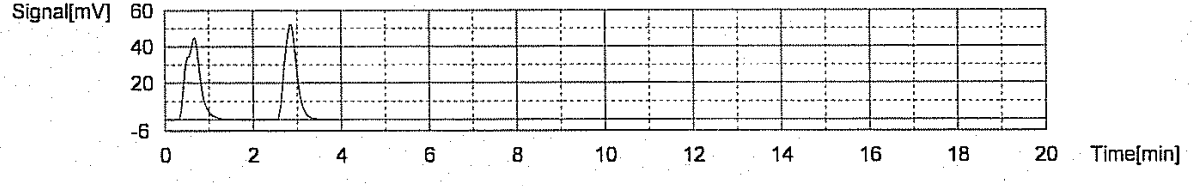
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:34.56mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	101.3	34.58mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:54:01 AM
2	101.2	34.55mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 9:56:04 AM

Mean Area 101.3
Mean Conc. 34.56mg/L



Sample

Sample Name: GP10060-D1
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

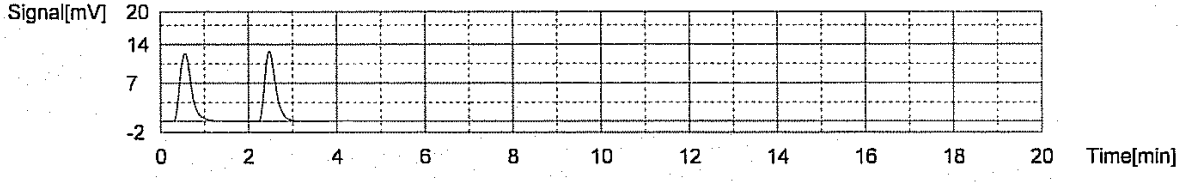
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:7.629mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	22.63	7.725mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:06:47 AM
2	22.07	7.534mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:10:32 AM

Mean Area 22.35
Mean Conc. 7.629mg/L



Sample

Sample Name: T59312-2
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:7.529mg/L

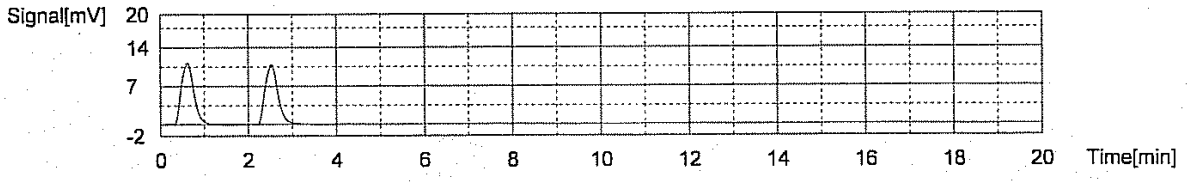
1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	22.11	7.548mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:20:33 AM
2	22.00	7.510mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:22:40 AM

9/7/2010 12:12:32 PM toc090710w1.t32

Mean Area 22.06
Mean Conc. 7.529mg/L



Sample

Sample Name: T59309-1
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

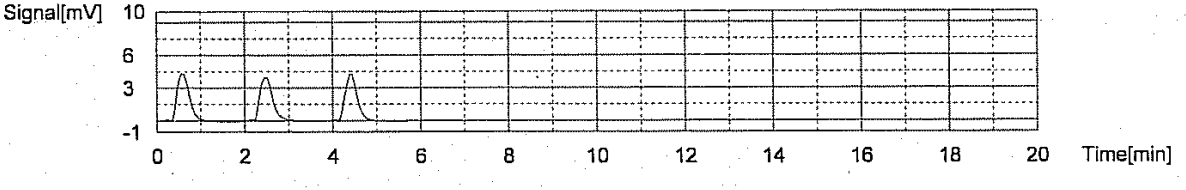
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.726mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.273	2.824mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:32:40 AM
2	8.041	2.745mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:34:44 AM
3	7.928	2.706mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:36:47 AM

Mean Area 7.985
Mean Conc. 2.726mg/L



Sample

9/7/2010 12:12:32 PM toc090710w1.t32

Sample Name: T59309-2
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

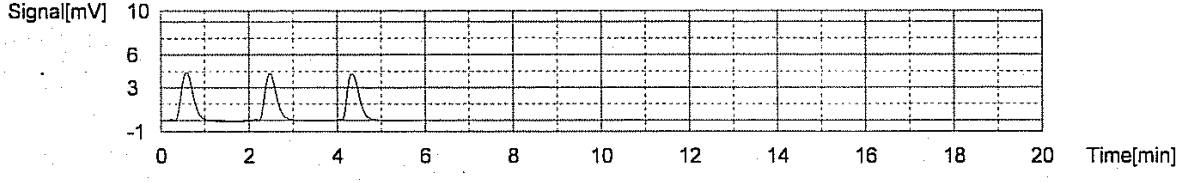
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:2.655mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	8.111	2.769mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:46:43 AM
2	7.729	2.638mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:48:46 AM
3	7.829	2.673mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 10:50:49 AM

Mean Area 7.779
Mean Conc. 2.655mg/L



Sample

Sample Name: T59311-3
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:4.407mg/L

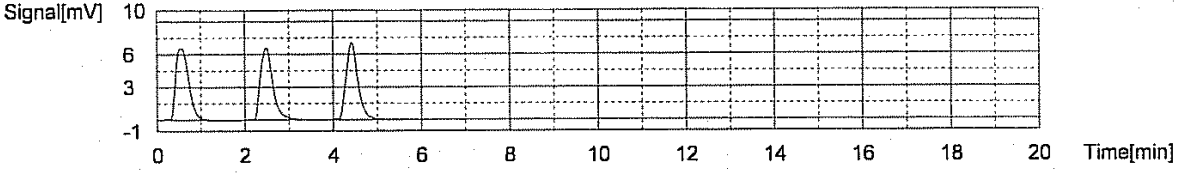
1. Det

Anal.: NPOC

9/7/2010 12:12:32 PM toc090710w1.t32

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	13.56	4.629mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:00:44 AM
2	12.88	4.397mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:02:48 AM
3	12.94	4.417mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:04:51 AM

Mean Area 12.91
Mean Conc. 4.407mg/L



Sample

Sample Name: T59311-4
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

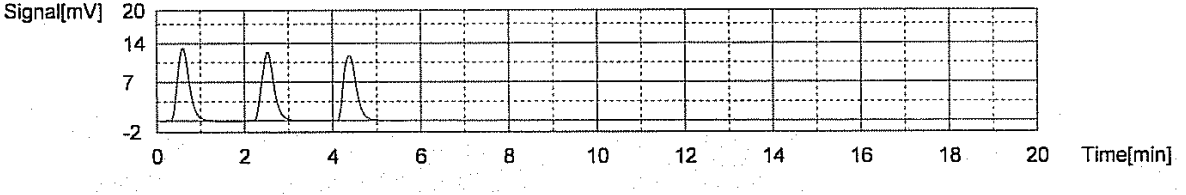
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:8.124mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	24.65	8.415mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:14:46 AM
2	23.82	8.131mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:16:49 AM
3	23.78	8.118mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:18:52 AM

Mean Area 23.80
Mean Conc. 8.124mg/L



Sample

Sample Name: CCV
Sample ID: GN100727B
Origin: noacid.met
Status Completed
Chk. Result

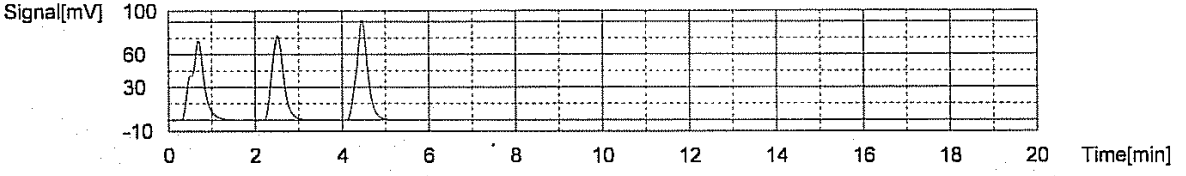
Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:50.91mg/L

1. Det

Anal.: NPOC

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	152.9	52.19mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:40:51 AM
2	145.4	49.63mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:42:54 AM
3	162.5	55.47mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:44:57 AM

Mean Area 149.2
Mean Conc. 50.91mg/L



Sample

Sample Name: CCB
Sample ID:
Origin: noacid.met
Status Completed
Chk. Result

Type	Anal.	Dil.	Result
Unknown	NPOC	1.000	NPOC:0.2736mg/L

1. Det

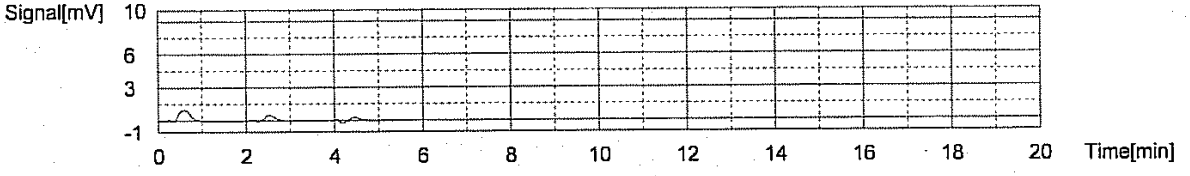
Anal.: NPOC

9/7/2010 12:12:32 PM

toc090710w1.132

No.	Area	Conc.	Inj. Vol.	Aut. Dil.	Ex.	Cal. Curve	Date / Time
1	1.857	0.6339mg/L	50uL	1	E	toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:54:52 AM
2	0.8901	0.3038mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:56:59 AM
3	0.7128	0.2433mg/L	50uL	1		toc08302010cal.2010_08_30_09_44_27.cal	9/7/2010 11:59:02 AM

Mean Area 0.8015
Mean Conc. 0.2736mg/L



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ACCUTEST

GN Batch ID: 25195
Date: 9/7/10

Test: **Total Organic Carbon**

Product: **TOC**

Method: **SM20 5310B 9060M**

Note: Refer to raw data and LIMS for information not shown below.

Autosampler Position #	Sample ID	pH	Diluton Factor	Bottle #	Comments
1	BLK	<2	1		NR
2	BLK				NR
3	ICV				GN100727B
4	ICB				
5	GP100160-B1				GN100825M
6	-MB1				
7	-S1				GN100825M
8	-D1				
9	T59312-2				
10	T59309-1				
11	-2				
12	T59311-3				
13	-4				
14	CCV				GN100727B
15	CCB				
					MC 9/7/10

Analyst: [signature] Date: 9/7/10 QCReviewer: [signature] Date: 9/7/10

Comments:

Form: GN-062

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Accutest Laboratories of Gulf Coast, Inc.

TEST: OG1664

Analyst: CF/RR
Prep Date: 9/7/2010
Done Date: 9/7/2010

Method: EPA 1664
Prep Workgroup No.: GP10065
Analysis Workgroup No.: GN25203
Instrument ID: P314

Balance Calibration Date: 09/07/10 Balance ID WC2BAL2 Prep Flask Temp: na Start Time 10:30am End Time 15:20

Evaporation Temp: 40 Evaporation Period 30min

Init. Balance Verification:	0.0020 g:	0.02	1000%	Range: +/-10%	1.0000 g	1.0000	100.0%	100.0000 g	100.0002	100.0%	Range +/-0.5%
End Balance Verification:	0.0020 g:	0.02	1000%		1.0000 g	1.0000	100.0%	100.0000 g	100.0002	100.0%	

QC Section

Units: Mg/L

MS Sample ID:	T59312-2	Orig.:	1.8	Amt.Spk.:	40	MS.Res.:	41.6	% Rec: 100%
DUP Sample ID:	T59312-2	Orig.:	1.8	Dup:	1.7	RPD:	5.7%	
MB Prep Date:	9/7/2010	Res.:		MDL:		<MDL?:		
SB1 Run Date:		Amt. Spk:		Res.:		% Rec:		
Ext:		Cont Lim:		Known:		Res.:		% Rec:

Result Section

ID	Sample	pH	Bot#	ML Samp	Tare Wt (G)	Total Wt (G)	Dry Wt #1 (G)	Redry Y/N	Dry Wt #2 (G)	Samp Wt (G)	Result	RL	Unit
1	GP10065-MB1	<2	N/A	1000	2.5391	2.5391	2.5391	NO		0	0.00	2	mg/l
2	GP10065-B2	<2	N/A	1000	2.5431	2.583	2.583	NO		0.0399	39.90	2	mg/l
3	GP10065-B1	<2	N/A	1000	2.5423	2.5799	2.5799	NO		0.0376	37.60	2	mg/l
4	GP10065-S1	<2	35	1000	2.6315	2.6731	2.6731	NO		0.0416	41.60	2	mg/l
5	GP10065-D1	<2	20	1000	2.5357	2.5374	2.5374	NO		0.0017	1.70	2	mg/l
6	T59299-1	<2	1	1000	2.5806	2.6417	2.6417	NO		0.0611	61.10	2	mg/l
7	T59300-1	<2	1	1000	2.576	2.5795	2.5795	NO		0.0035	3.50	2	mg/l
8	T59301-1	<2	2	1000	2.5692	2.5694	2.5694	NO		0.0002	0.20	2	mg/l
9	T59309-1	<2	7	1000	2.5551	2.5572	2.5572	NO		0.0021	2.10	2	mg/l
10	T59309-2	<2	7	1000	2.6336	2.6359	2.6359	NO		0.0023	2.30	2	mg/l
11	T59311-3	<2	5	1000	2.6294	2.631	2.631	NO		0.0016	1.60	2	mg/l
12	T59311-4	<2	5	1000	2.562	2.5632	2.5632	NO		0.0012	1.20	2	mg/l
13	T59312-2	<2	5	1000	2.5524	2.5542	2.5542	NO		0.0018	1.80	2	mg/l
14	CCV	<2	N/A	1000	2.5543	2.5923	2.5923	NO		0.038	38.00	2	mg/l
15	CCB	<2	N/A	1000	2.5501	2.5501	2.5501	NO		0	0.00	2	mg/l

Sodium Sulfate Lot #: 101592 Hexane Lot #: GN100825J Spike Lot #: GN100803B

Comment:

Analyst: C.F. R.R. Date: 09/07/10 QC Reviewer: [illegible] Date: 9/7/10

CF 9/7/10

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ACCUTEST

Oil and Grease
Method 1664

Analyst : CF
Date/Time : 09/07/10
GN#: 25203

Hexane: GN 1008250
CCV: GN 1006171
LCS: GN 1008031

☐ Data Scan
Sodium Sulfate: 93701

Sample ID	Bottle Number	Acidified (Y or N)	Pan ID#	Sample Size	1st Initial Tare	Comments
GP 10065 MB1	NA	Y	1	1000	2.5391	
GP 10065 B2	NA	Y	2	1000	2.5431	
GP 10065 B1	NA	Y	3	1000	2.5423	
GP 10065 S1	35	Y	4	1000	2.6315	MS TS9 312-2
GP 10065 D1	20	Y	5	1000	2.5357	Dup TS9 312-2
TS9 299-1	1	Y	6	1000	2.5806	
TS9 300-1	1	Y	7	1000	2.5760	
TS9 301-1	2	Y	8	1000	2.5692	
TS9 309-1	7	Y	9	1000	2.5551	
TS9 309-2	7	Y	10	1000	2.6336	OG Filter Lot # 950420
TS9 311-3	5	Y	11	1000	2.6294	SPE Disk Lot # 7061210
TS9 311-4	5	Y	12	1000	2.5620	Aluminum Dish Lot # 2543389
TS9 312-2	5	Y	13	1000	2.5524	Sxs weighed on WC2BAL2
CCV	NA	Y	14	1000	2.5543	
CCB	NA	Y	15	1000	2.5501	

CF 09/07/10

CF 09/07/10 | QA 9/7/10

Form:GN074, Rev0 07/23/210
Form: GN006, Rev4 11/13/09, QAO

ACCUTEST LABORATORIES T59309