New Jersey ACCUTEST Laboratories

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05/15/06

Technical Report for

ENSR Consulting & Engineering

Ingersoll Rand, Phillipsburg, NJ

03710-173-0902

Accutest Job Number: J29228

Sampling Date: 05/01/06

Report to:

ENSR Consulting & Engineering
20 New England Avenue
Piscataway, NJ 08854

ATTN: Gregg Micalizio

Total number of pages in report: **512**

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Vincent J. Pugliese
President

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Sample Summary

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
J29228-1	05/01/06	08:15	JH	05/01/06	AQ	Ground Water	MW02A
J29228-2	05/01/06	08:30	JH	05/01/06	AQ	Ground Water	MW03A
J29228-3	05/01/06	08:45	JH	05/01/06	AQ	Ground Water	MW04A
J29228-4	05/01/06	08:48	JH	05/01/06	AQ	Ground Water	MW04B
J29228-5	05/01/06	08:52	JH	05/01/06	AQ	Ground Water	MW04C
J29228-6	05/01/06	09:00	JH	05/01/06	AQ	Ground Water	MW37A
J29228-7	05/01/06	09:05	JH	05/01/06	AQ	Ground Water	MW37B
J29228-8	05/01/06	09:10	JH	05/01/06	AQ	Ground Water	MW37C
J29228-9	05/01/06	09:15	JH	05/01/06	AQ	Ground Water	MW37CP
J29228-10	05/01/06	09:40	JH	05/01/06	AQ	Ground Water	MW06A
J29228-11	05/01/06	09:50	JH	05/01/06	AQ	Ground Water	MW06B
J29228-12	05/01/06	10:00	JH	05/01/06	AQ	Ground Water	MW35A
J29228-13	05/01/06	10:05	JH	05/01/06	AQ	Ground Water	MW35B

Sample Summary
(continued)

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
J29228-14	05/01/06	10:15	JH	05/01/06	AQ	Ground Water	MW50A
J29228-15	05/01/06	10:35	JH	05/01/06	AQ	Ground Water	MW34A
J29228-16	05/01/06	10:40	JH	05/01/06	AQ	Ground Water	MW34B
J29228-17	05/01/06	10:45	JH	05/01/06	AQ	Ground Water	MW34C
J29228-18	05/01/06	11:05	JH	05/01/06	AQ	Ground Water	MW51AA
J29228-19	05/01/06	11:20	JH	05/01/06	AQ	Ground Water	MW33AA
J29228-20	05/01/06	11:25	JH	05/01/06	AQ	Ground Water	MW33AB
J29228-21	05/01/06	11:40	JH	05/01/06	AQ	Ground Water	MW53A
J29228-22	05/01/06	11:45	JH	05/01/06	AQ	Ground Water	MW53B
J29228-23	05/01/06	12:00	JH	05/01/06	AQ	Ground Water	MW52A
J29228-24	05/01/06	12:05	JH	05/01/06	AQ	Ground Water	MW52B
J29228-25	05/01/06	12:15	JH	05/01/06	AQ	Ground Water	MW24A
J29228-26	05/01/06	12:18	JH	05/01/06	AQ	Ground Water	MW24B

Sample Summary
(continued)

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
J29228-27	05/01/06	12:22	JH	05/01/06	AQ	Ground Water	MW24C
J29228-28	05/01/06	12:30	JH	05/01/06	AQ	Ground Water	RW10A
J29228-29	05/01/06	12:35	JH	05/01/06	AQ	Ground Water	RW10B
J29228-30	05/01/06	13:10	JH	05/01/06	AQ	Ground Water	RW11A
J29228-31	05/01/06	13:15	JH	05/01/06	AQ	Ground Water	RW11B
J29228-32	05/01/06	13:25	JH	05/01/06	AQ	Ground Water	MW54A
J29228-33	05/01/06	13:35	JH	05/01/06	AQ	Ground Water	MW47A
J29228-34	05/01/06	13:45	JH	05/01/06	AQ	Ground Water	MW18A
J29228-35	05/01/06	13:55	JH	05/01/06	AQ	Ground Water	MW20A
J29228-36	05/01/06	14:05	JH	05/01/06	AQ	Ground Water	MW19A
J29228-37	05/01/06	14:10	JH	05/01/06	AQ	Ground Water	MW19B
J29228-38	05/01/06	14:20	JH	05/01/06	AQ	Ground Water	MW48A
J29228-39	05/01/06	14:30	JH	05/01/06	AQ	Ground Water	MW26A

Accutest Laboratories

Sample Summary
(continued)

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
J29228-40	05/01/06	14:35	JH	05/01/06	AQ	Ground Water	MW26B
J29228-41	05/01/06	14:45	JH	05/01/06	AQ	Ground Water	MW30A
J29228-42	05/01/06	15:00	JH	05/01/06	AQ	Field Blank Water	F050106
J29228-43	05/01/06	15:00	JH	05/01/06	AQ	Trip Blank Water	T050106

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	ENSR Consulting & Engineering	**Job No**	J29228
Site:	Ingersoll Rand, Phillipsburg, NJ	**Report Date**	5/15/2006 10:31:40 AM

41 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were collected on 05/01/2006 and were received at Accutest on 05/01/2006 properly preserved, at 2 Deg. C and intact. These Samples received an Accutest job number of J29228. 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 EPA 624

Matrix AQ **Batch ID:** V3C577

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J29228-1MS, J29228-2DUP were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits because this compound is unstable in acid preserved sample.
- RPD(s) for Duplicate for 1,1-Dichloroethane, 1,1-Dichloroethene are outside control limits for sample J29228-2DUP. High RPD due to low concentration of hit.

Matrix AQ **Batch ID:** V3C578

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J29228-21MS, J29228-22DUP were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits because this compound is unstable in acid preserved sample.

Matrix AQ **Batch ID:** V3C579

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J29343-1MS, J29343-1MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Vinyl chloride are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits because this compound is unstable in acid preserved sample.
- Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits because this compound is unstable in acid preserved sample.
- Matrix Spike and Matrix Spike Duplicate Recovery(s) for Benzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

The Accutest Laboratories of New Jersey certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NJ, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(J29228).

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW02A		
Lab Sample ID:	J29228-1	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13307.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	0.78	1.0	0.70	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.98	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	3.2	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW02A		
Lab Sample ID:	J29228-1	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	0.24	1.0	0.20	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	101%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW03A		
Lab Sample ID:	J29228-2	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13309.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	2.3	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.64	1.0	0.56	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.1	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW03A		
Lab Sample ID:	J29228-2	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	0.48	1.0	0.20	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	103%		67-138%
2037-26-5	Toluene-D8 (SUR)	98%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW04A		
Lab Sample ID:	J29228-3	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13311.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	1.1	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.72	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	42.7	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.86	1.0	0.38	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	6.7	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	0.64	1.0	0.24	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW04A		
Lab Sample ID:	J29228-3	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	13.9	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	18.9	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW04B		
Lab Sample ID:	J29228-4	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13312.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	1.4	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.78	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	52.9	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.83	1.0	0.38	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	10.6	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	0.65	1.0	0.24	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW04B		
Lab Sample ID:	J29228-4	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	17.3	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	25.2	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	107%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW04C		
Lab Sample ID:	J29228-5	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13313.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	1.4	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.69	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	51.8	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.80	1.0	0.38	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	9.4	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	0.63	1.0	0.24	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW04C		
Lab Sample ID:	J29228-5	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	16.8	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	24.9	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW37A		
Lab Sample ID:	J29228-6	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13314.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	1.5	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW37A		
Lab Sample ID:	J29228-6	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	11.6	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	111%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW37B		
Lab Sample ID:	J29228-7	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13315.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	0.58	1.0	0.30	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	1.3	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW37B		
Lab Sample ID:	J29228-7	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	4.7	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	114%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW37C		
Lab Sample ID:	J29228-8	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13316.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	2.7	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW37C		
Lab Sample ID:	J29228-8	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	17.4	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	115%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW37CP		
Lab Sample ID:	J29228-9	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13317.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	2.3	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW37CP		
Lab Sample ID:	J29228-9	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	15.1	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	116%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW06A		
Lab Sample ID:	J29228-10	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13318.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	2.2	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.1	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW06A		
Lab Sample ID:	J29228-10	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	0.24	1.0	0.20	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	118%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-43-4	Methane, dichlorofluoro-	5.91	5.5	ug/l	JN
	Total TIC, Volatile		5.5	ug/l	J

ND = 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:	MW06B		
Lab Sample ID:	J29228-11	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13319.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	1.1	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	1.5	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	6.3	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW06B		
Lab Sample ID:	J29228-11	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	1.3	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	117%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-43-4	Methane, dichlorofluoro-	5.92	4.6	ug/l	JN
	Total TIC, Volatile		4.6	ug/l	J

ND = 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:	MW35A		
Lab Sample ID:	J29228-12	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13320.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	17.1	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	4.2	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	2.5	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	88.9	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW35A		
Lab Sample ID:	J29228-12	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	6.3	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	122%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW35B		
Lab Sample ID:	J29228-13	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13321.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	15.5	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	4.2	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	2.4	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	82.4	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW35B		
Lab Sample ID:	J29228-13	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	5.8	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	124%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW50A		
Lab Sample ID:	J29228-14	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13322.D	1	05/05/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.2	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW50A		
Lab Sample ID:	J29228-14	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	0.34	1.0	0.20	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	121%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW34A		
Lab Sample ID:	J29228-15	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13323.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.63	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	0.90	1.0	0.28	ug/l	J
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.9	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW34A		
Lab Sample ID:	J29228-15	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.7	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	120%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW34B		
Lab Sample ID:	J29228-16	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13324.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.65	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	0.80	1.0	0.56	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	1.1	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.7	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW34B		
Lab Sample ID:	J29228-16	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.8	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	122%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW34C		
Lab Sample ID:	J29228-17	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13325.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.64	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	0.75	1.0	0.56	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	1.7	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.6	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW34C		
Lab Sample ID:	J29228-17	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.6	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	122%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW51AA		
Lab Sample ID:	J29228-18	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13326.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW51AA		
Lab Sample ID:	J29228-18	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	123%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW33AA		
Lab Sample ID:	J29228-19	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13327.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	1.1	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	1.0	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.6	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW33AA		
Lab Sample ID:	J29228-19	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.5	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	125%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW33AB		
Lab Sample ID:	J29228-20	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13328.D	1	05/06/06	JPM	n/a	n/a	V3C577
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.96	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	0.94	1.0	0.28	ug/l	J
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.4	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW33AB		
Lab Sample ID:	J29228-20	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.0	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	126%		67-138%
2037-26-5	Toluene-D8 (SUR)	102%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW53A		
Lab Sample ID:	J29228-21	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13334.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW53A		
Lab Sample ID:	J29228-21	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	92%		67-138%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW53B		
Lab Sample ID:	J29228-22	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13336.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW53B		
Lab Sample ID:	J29228-22	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	93%		67-138%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW52A		
Lab Sample ID:	J29228-23	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13338.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW52A		
Lab Sample ID:	J29228-23	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	97%		67-138%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW52B		
Lab Sample ID:	J29228-24	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13339.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW52B		
Lab Sample ID:	J29228-24	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	98%		67-138%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW24A		
Lab Sample ID:	J29228-25	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13340.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW24A		
Lab Sample ID:	J29228-25	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	100%		67-138%
2037-26-5	Toluene-D8 (SUR)	98%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	93%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW24B		
Lab Sample ID:	J29228-26	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13341.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW24B		
Lab Sample ID:	J29228-26	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	100%		67-138%
2037-26-5	Toluene-D8 (SUR)	98%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW24C		
Lab Sample ID:	J29228-27	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13342.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW24C		
Lab Sample ID:	J29228-27	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	104%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	RW10A		
Lab Sample ID:	J29228-28	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13343.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	1.3	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	RW10A		
Lab Sample ID:	J29228-28	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%		67-138%
2037-26-5	Toluene-D8 (SUR)	98%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	93%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkene	4.63	8.8	ug/l	J
	Total TIC, Volatile		8.8	ug/l	J

ND = 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:	RW10B		
Lab Sample ID:	J29228-29	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13344.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	0.84	1.0	0.24	ug/l	J
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	RW10B		
Lab Sample ID:	J29228-29	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	106%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	94%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkene	4.63	16	ug/l	J
	Total TIC, Volatile		16	ug/l	J

ND = 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:	RW11A		
Lab Sample ID:	J29228-30	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13345.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	2.6	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	RW11A		
Lab Sample ID:	J29228-30	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	0.29	1.0	0.20	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	104%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	RW11B		
Lab Sample ID:	J29228-31	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13346.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	0.70	1.0	0.58	ug/l	J
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	RW11B		
Lab Sample ID:	J29228-31	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	106%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	93%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW54A		
Lab Sample ID:	J29228-32	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13347.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW54A		
Lab Sample ID:	J29228-32	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW47A		
Lab Sample ID:	J29228-33	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13348.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW47A		
Lab Sample ID:	J29228-33	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW18A		
Lab Sample ID:	J29228-34	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13349.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW18A		
Lab Sample ID:	J29228-34	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW20A		
Lab Sample ID:	J29228-35	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13350.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW20A		
Lab Sample ID:	J29228-35	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	111%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW19A		
Lab Sample ID:	J29228-36	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13351.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW19A		
Lab Sample ID:	J29228-36	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	109%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	93%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW19B		
Lab Sample ID:	J29228-37	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13352.D	1	05/06/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	0.35	1.0	0.19	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	MW19B		
Lab Sample ID:	J29228-37	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	110%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW48A		
Lab Sample ID:	J29228-38	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13353.D	1	05/07/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW48A		
Lab Sample ID:	J29228-38	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW26A		
Lab Sample ID:	J29228-39	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13354.D	1	05/07/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW26A		
Lab Sample ID:	J29228-39	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	113%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW26B		
Lab Sample ID:	J29228-40	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13355.D	1	05/07/06	JPM	n/a	n/a	V3C578
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW26B		
Lab Sample ID:	J29228-40	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	111%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	MW30A		
Lab Sample ID:	J29228-41	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13358.D	1	05/07/06	JPM	n/a	n/a	V3C579
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	MW30A		
Lab Sample ID:	J29228-41	Date Sampled:	05/01/06
Matrix:	AQ - Ground Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	112%		67-138%
2037-26-5	Toluene-D8 (SUR)	101%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	93%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	F050106		
Lab Sample ID:	J29228-42	Date Sampled:	05/01/06
Matrix:	AQ - Field Blank Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13359.D	1	05/07/06	JPM	n/a	n/a	V3C579
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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

Report of Analysis

Client Sample ID:	F050106		
Lab Sample ID:	J29228-42	Date Sampled:	05/01/06
Matrix:	AQ - Field Blank Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	111%		67-138%
2037-26-5	Toluene-D8 (SUR)	99%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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:	T050106		
Lab Sample ID:	J29228-43	Date Sampled:	05/01/06
Matrix:	AQ - Trip Blank Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C13360.D	1	05/07/06	JPM	n/a	n/a	V3C579
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	

ND = 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:	T050106		
Lab Sample ID:	J29228-43	Date Sampled:	05/01/06
Matrix:	AQ - Trip Blank Water	Date Received:	05/01/06
Method:	EPA 624	Percent Solids:	n/a
Project:	Ingersoll Rand, Phillipsburg, NJ		

VOA PPL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	113%		67-138%
2037-26-5	Toluene-D8 (SUR)	100%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%		78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = 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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #: SGT-2006-89
Accutest Job #: J29228

Client / Reporting Information

Company Name: ENSR
Address: 20 NEW ENGLAND AVE
City: PISCATAWAY State: NJ Zip: 08854
Project Contact: GREGG MICALIZIO E-mail:
Phone #: 732-981-0200
Sampler's Name: J. Holzer / A. Mosuly

Project Information

Project Name: INGERSOLL-RAND
Street: ROSEBURY
City: PHILLIPSBURG State: NJ
Project #: 03710-173-0902
Fax #: 732-981-0116
Client Purchase Order #: 2039287

Requested Analysis

VOHG; 624 MTBE; 8021 TBA; 8260 BTEX; 624 MTBE; 8021 MNP; 8260 TBA; 8270 ABN; 625 BN; 624 MNP; 625 PAH; 8021 PALG; 8260 PALJS; 8270 PAHS; 625 PAHF; 8270 PAHF; 8260 STARS MTBE; 8260 STARS +TICs; 8260 PPL +15; 8260 PPL +10; 8260 PPL

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	None	NaHSO4	MEOH	EnCore	VOHG	LAB USE ONLY
-1	MW02A		5/1/06	8:15	J.H	GW	3	X								X	
-2	MW03A			8:30				X								X	
-3	MW04A			8:45				X								X	452
-4	MW04B			8:48				X								X	453
-5	MW04C			8:52				X								X	
-6	MW37A			9:00				X								X	
-7	MW37B			9:05				X								X	
-8	MW37C			9:10				X								X	
-9	MW37CP			9:15				X								X	
-10	MW06A			9:40				X								X	

Turnaround Time (Business Days)

- [x] Std. 15 Business Days
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other _____
- [ ] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

VOHG via 624 method

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 J. Holzer	5/1/06 11:00	1 Parker 5-1-06 1600	2 Parker 5-1-06 1730		2 [illegible]
3		3	4		4
5		5			

Custody Seal #: Preserved where applicable: [ ] On Ice: [x] Cooler Temp: 2.0°C

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J29228: Chain of Custody
Page 1 of 5

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #: SGI-2006-89
Accutest Job #: J29228

Client / Reporting Information

Company Name: ENSR
Address: 20 NEW ENGLAND AVE
City: PISCATAWAY State: NJ Zip: 08854
Project Contact: Gregg Miglizio E-mail:
Phone #: 732-981-0200
Sampler's Name: J. Holzer, A. Mosely

Project Information

Project Name: INGERSOLL-RAND
Street: ROSEBERRY
City: PHILLIPSBURG State: NJ
Project #: 03710-173-0902
Fax #: 732-981-0116
Client Purchase Order #: 2039287

Requested Analysis

VOTB; 8021 ☐ 602 ☐ PAUG ☐ / 624 ☐ MTBE ☐ NAP ☐ PAUG ☐; 8260 ☐ BTEX ☐ TBA ☐; 8260 ☐ TCL ☐ PR. ☐ STARS ☐ MTBE ☐ / 624 ☐ +10 ☐ +15 ☐ NAP ☐; 8270 ☐ TCL ☐ PPL ☐ STARS ☐ / 625 ☐ BN ☐ PAH ☐ +TICs ☐ / ABN ☐ PADF ☐

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

LAB USE ONLY

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	MeOH	HNO3	H2SO4	NaOH	NaHSO4	MeOH	ENCORE	VOTB
-11	MW06B		5/1/06	9:50	J.H	GW	3	X								X
-12	MW35A			10:00				X								X
-13	MW35B			10:05				X								X
-14	MW50A			10:15				X								X
-15	MW34A			10:35				X								X
-16	MW34B			10:40				X								X
-17	MW34C			10:45				X								X
-18	MW51AA			11:05				X								X
-19	MW33AA			11:20				X								X
-20	MW33AB			11:25				X								X

Turnaround Time (Business Days)

☒ Std. 15 Business Days — Approved By: / Date:
☐ 10 Day *RUSH*
☐ 5 Day *RUSH*
☐ 3 Day *EMERGENCY*
☐ 2 Day *EMERGENCY*
☐ 1 Day *EMERGENCY*
☐ Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

☐ Commercial "A"
☐ Commercial "B"
☐ NJ Reduced
☐ NJ Full
☐ Other _____
☐ FULL CLP
☐ NYASP Category A
☐ NYASP Category B
☐ State Forms
☐ EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

-VOTB via 624 method

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 Jeff Holzer	5/1/06 16:00	1 Parker 5-1-06 1600	2 Parker 5-1-06 1730		2 [illegible]
Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
3		3	4		4
Relinquished by:	Date Time:	Received by:	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp.
		5			

20°C

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CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #: SG1-2006-89
Accutest Job #: J29228

Client / Reporting Information

Company Name: ENSR
Address: 20 NEW ENGLAND AVE
City: PISCATAWAY State: NJ Zip: 08854
Project Contact: Gregg MicaLizio E-mail:
Phone #: 732-981-0200
Sampler's Name: J. Holzer, A. Mosoly

Project Information

Project Name: INGERSOLL-RAND
Street: ROSEBERRY ST.
City: PHILLIPSBURG State: NJ
Project #: 03710-177-0502
Fax #: 732-981-0116
Client Purchase Order #: 2D39287

Requested Analysis

VOA+10 (624); 8260 BTEX MTBE TBA; 8021 624 MTBE TBA; 602 MAP; 624 MAP +15; 8260 TBA; 8270 ABN; 625 BN; 8270 PAH; 625 PAH; 8270 +TICs; 625 +TICs; PAUG; PALG; STARS MTBE; STARS +15; PPL; TCL; PPL; TCL

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	VOA+10 (624)	LAB USE ONLY
-21	MW 53 A		5/1/06	11:40	J.H.	GW	3	X								X	
-22	MW 53 B			11:45				X								X	
-23	MW 52 A			12:00				X								X	
-24	MW 52 B			12:05				X								X	
-25	MW 24 A			12:15				X								X	
-26	MW 24 B			12:18				X								X	
-27	MW 24 C			12:22				X								X	
-28	RW 10 A			12:30				X								X	
-29	RW 10 B			12:35				X								X	
-30	RW 11 A			13:14				X								X	

Turnaround Time (Business Days)

- [x] Std. 15 Business Days — Approved By: / Date:
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other _____
- [ ] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

-VOA+10 via 624 method

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 J.H.	5/1/06 16:00	1 Fallon	2 Fallon 5-1-06 1730		2
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable [ ]	On Ice [x] Cooler Temp. 2.0°C

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J29228: Chain of Custody
Page 3 of 5

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #: SGI-2006-89
Accutest Job #: J29228

Client / Reporting Information

Company Name: ENSR
Address: 20 NEW ENGLAND AVE
City: PISCATAWAY State: NJ Zip: 08854
Project Contact: Gregg MiCALizio E-mail:
Phone #: 732-981-0200
Sampler's Name: S. Holzer, A. Mosely

Project Information

Project Name: INGERSOLL-RAND
Street: ROSEBERRY ST.
City: PHILLIPSBURG State: NJ
Project #: 03710-173-0902
Fax #: 732-981-0116
Client Purchase Order #: 28 39287

Requested Analysis

VOTC

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	ID	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	EnCore	624 MTBE	8260 BTEX	8260 TBA	8270 ABN	8021 TBA	602 NAP	PAH,G STARS MTBE	624 PPL +15	624 PPL +10	625 PPL STARS +TICs	625 PAH	625 BN PAGF	PAH,G PAGF	Matrix Codes / LAB USE ONLY
-31	RW11B		5/1/06	13:15	S.H	GW	3	X																					
-32	MW54A			13:25				X																					
-33	MW47A			13:35				X																					
-34	MW18A			13:45				X																					
-35	MW20A			13:55				X																					
-36	MW19A			14:05				X																					
-37	MW19B			14:10				X																					
-38	MW48A			14:20				X																					
-39	MW26A			14:30				X																					
-40	MW26B			14:35				X																					

Turnaround Time (Business Days)

- [x] Std. 15 Business Days — Approved By: / Date:
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other _____
- [ ] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format _____

Commercial "A" = Results Only

Comments / Remarks

-VOTC VIA 624 method

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 S. Holzer	5/1/06 16:00	1 Fedex 5-1-06 1600	2 Fedex 5-1-06 1730		2 [illegible]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable [ ]	On Ice [x] Cooler Temp. 2.0°C

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #: SG1-2006-89
Accutest Job #: J29228

Client / Reporting Information

Company Name: ENSR
Address: 20 NEW ENGLAND AVE
City: PISCATAWAY State: NJ Zip: 08854
Project Contact: Gregg MICALIZIO E-mail:
Phone #: 732-981-0200
Samplers Name: J. Holzer, A Mosely

Project Information

Project Name: INGERSOLL-RAND
Street: ROSEBERRY ST
City: PHILLIPSBURG State: NJ
Project #: 03710-173-0902
Fax #: 732-981-0116
Client Purchase Order #: 2039287

Requested Analysis

VOA 8260 BTEX; 8260 TBA; 8260 MTBE; 8260 NAP; 8260 +10; 8260 +15; 8260 STARS; 8260 +TICs; 8270 ABN; 8270 TCL; 8270 STARS; 8270 +TICs; 8021 TBA; 8021 MTBE; 602; 624; PAH; PAH; PAH

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-1 MW02A	Collected: 01-MAY-06 08:15 By: JH		Received: 01-MAY-06 By: CJP			
J29228-1	EPA 624	05-MAY-06 16:31	JPM			V624PPL + 10
J29228-2 MW03A	Collected: 01-MAY-06 08:30 By: JH		Received: 01-MAY-06 By: CJP			
J29228-2	EPA 624	05-MAY-06 17:29	JPM			V624PPL + 10
J29228-3 MW04A	Collected: 01-MAY-06 08:45 By: JH		Received: 01-MAY-06 By: CJP			
J29228-3	EPA 624	05-MAY-06 18:27	JPM			V624PPL + 10
J29228-4 MW04B	Collected: 01-MAY-06 08:48 By: JH		Received: 01-MAY-06 By: CJP			
J29228-4	EPA 624	05-MAY-06 18:56	JPM			V624PPL + 10
J29228-5 MW04C	Collected: 01-MAY-06 08:52 By: JH		Received: 01-MAY-06 By: CJP			
J29228-5	EPA 624	05-MAY-06 19:25	JPM			V624PPL + 10
J29228-6 MW37A	Collected: 01-MAY-06 09:00 By: JH		Received: 01-MAY-06 By: CJP			
J29228-6	EPA 624	05-MAY-06 19:54	JPM			V624PPL + 10
J29228-7 MW37B	Collected: 01-MAY-06 09:05 By: JH		Received: 01-MAY-06 By: CJP			
J29228-7	EPA 624	05-MAY-06 20:22	JPM			V624PPL + 10
J29228-8 MW37C	Collected: 01-MAY-06 09:10 By: JH		Received: 01-MAY-06 By: CJP			
J29228-8	EPA 624	05-MAY-06 20:51	JPM			V624PPL + 10

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-9 MW37CP	Collected: 01-MAY-06 09:15 By: JH		Received: 01-MAY-06 By: CJP			
J29228-9	EPA 624	05-MAY-06 21:21	JPM			V624PPL + 10
J29228-10 MW06A	Collected: 01-MAY-06 09:40 By: JH		Received: 01-MAY-06 By: CJP			
J29228-10	EPA 624	05-MAY-06 21:50	JPM			V624PPL + 10
J29228-11 MW06B	Collected: 01-MAY-06 09:50 By: JH		Received: 01-MAY-06 By: CJP			
J29228-11	EPA 624	05-MAY-06 22:19	JPM			V624PPL + 10
J29228-12 MW35A	Collected: 01-MAY-06 10:00 By: JH		Received: 01-MAY-06 By: CJP			
J29228-12	EPA 624	05-MAY-06 22:48	JPM			V624PPL + 10
J29228-13 MW35B	Collected: 01-MAY-06 10:05 By: JH		Received: 01-MAY-06 By: CJP			
J29228-13	EPA 624	05-MAY-06 23:17	JPM			V624PPL + 10
J29228-14 MW50A	Collected: 01-MAY-06 10:15 By: JH		Received: 01-MAY-06 By: CJP			
J29228-14	EPA 624	05-MAY-06 23:46	JPM			V624PPL + 10
J29228-15 MW34A	Collected: 01-MAY-06 10:35 By: JH		Received: 01-MAY-06 By: CJP			
J29228-15	EPA 624	06-MAY-06 00:14	JPM			V624PPL + 10
J29228-16 MW34B	Collected: 01-MAY-06 10:40 By: JH		Received: 01-MAY-06 By: CJP			
J29228-16	EPA 624	06-MAY-06 00:44	JPM			V624PPL + 10

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-17 MW34C	Collected: 01-MAY-06 10:45 By: JH		Received: 01-MAY-06 By: CJP			
J29228-17	EPA 624	06-MAY-06 01:13	JPM			V624PPL+10
J29228-18 MW51AA	Collected: 01-MAY-06 11:05 By: JH		Received: 01-MAY-06 By: CJP			
J29228-18	EPA 624	06-MAY-06 01:42	JPM			V624PPL+10
J29228-19 MW33AA	Collected: 01-MAY-06 11:20 By: JH		Received: 01-MAY-06 By: CJP			
J29228-19	EPA 624	06-MAY-06 02:11	JPM			V624PPL+10
J29228-20 MW33AB	Collected: 01-MAY-06 11:25 By: JH		Received: 01-MAY-06 By: CJP			
J29228-20	EPA 624	06-MAY-06 02:39	JPM			V624PPL+10
J29228-21 MW53A	Collected: 01-MAY-06 11:40 By: JH		Received: 01-MAY-06 By: CJP			
J29228-21	EPA 624	06-MAY-06 15:04	JPM			V624PPL+10
J29228-22 MW53B	Collected: 01-MAY-06 11:45 By: JH		Received: 01-MAY-06 By: CJP			
J29228-22	EPA 624	06-MAY-06 16:02	JPM			V624PPL+10
J29228-23 MW52A	Collected: 01-MAY-06 12:00 By: JH		Received: 01-MAY-06 By: CJP			
J29228-23	EPA 624	06-MAY-06 17:00	JPM			V624PPL+10
J29228-24 MW52B	Collected: 01-MAY-06 12:05 By: JH		Received: 01-MAY-06 By: CJP			
J29228-24	EPA 624	06-MAY-06 17:29	JPM			V624PPL+10

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-25 MW24A	Collected: 01-MAY-06 12:15 By: JH		Received: 01-MAY-06 By: CJP			
J29228-25	EPA 624	06-MAY-06 17:58	JPM			V624PPL+10
J29228-26 MW24B	Collected: 01-MAY-06 12:18 By: JH		Received: 01-MAY-06 By: CJP			
J29228-26	EPA 624	06-MAY-06 18:27	JPM			V624PPL+10
J29228-27 MW24C	Collected: 01-MAY-06 12:22 By: JH		Received: 01-MAY-06 By: CJP			
J29228-27	EPA 624	06-MAY-06 18:56	JPM			V624PPL+10
J29228-28 RW10A	Collected: 01-MAY-06 12:30 By: JH		Received: 01-MAY-06 By: CJP			
J29228-28	EPA 624	06-MAY-06 19:24	JPM			V624PPL+10
J29228-29 RW10B	Collected: 01-MAY-06 12:35 By: JH		Received: 01-MAY-06 By: CJP			
J29228-29	EPA 624	06-MAY-06 19:54	JPM			V624PPL+10
J29228-30 RW11A	Collected: 01-MAY-06 13:10 By: JH		Received: 01-MAY-06 By: CJP			
J29228-30	EPA 624	06-MAY-06 20:22	JPM			V624PPL+10
J29228-31 RW11B	Collected: 01-MAY-06 13:15 By: JH		Received: 01-MAY-06 By: CJP			
J29228-31	EPA 624	06-MAY-06 20:51	JPM			V624PPL+10
J29228-32 MW54A	Collected: 01-MAY-06 13:25 By: JH		Received: 01-MAY-06 By: CJP			
J29228-32	EPA 624	06-MAY-06 21:20	JPM			V624PPL+10

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-33 MW47A	Collected: 01-MAY-06 13:35 By: JH		Received: 01-MAY-06 By: CJP			
J29228-33	EPA 624	06-MAY-06 21:49	JPM			V624PPL+10
J29228-34 MW18A	Collected: 01-MAY-06 13:45 By: JH		Received: 01-MAY-06 By: CJP			
J29228-34	EPA 624	06-MAY-06 22:18	JPM			V624PPL+10
J29228-35 MW20A	Collected: 01-MAY-06 13:55 By: JH		Received: 01-MAY-06 By: CJP			
J29228-35	EPA 624	06-MAY-06 22:47	JPM			V624PPL+10
J29228-36 MW19A	Collected: 01-MAY-06 14:05 By: JH		Received: 01-MAY-06 By: CJP			
J29228-36	EPA 624	06-MAY-06 23:16	JPM			V624PPL+10
J29228-37 MW19B	Collected: 01-MAY-06 14:10 By: JH		Received: 01-MAY-06 By: CJP			
J29228-37	EPA 624	06-MAY-06 23:45	JPM			V624PPL+10
J29228-38 MW48A	Collected: 01-MAY-06 14:20 By: JH		Received: 01-MAY-06 By: CJP			
J29228-38	EPA 624	07-MAY-06 00:13	JPM			V624PPL+10
J29228-39 MW26A	Collected: 01-MAY-06 14:30 By: JH		Received: 01-MAY-06 By: CJP			
J29228-39	EPA 624	07-MAY-06 00:42	JPM			V624PPL+10
J29228-40 MW26B	Collected: 01-MAY-06 14:35 By: JH		Received: 01-MAY-06 By: CJP			
J29228-40	EPA 624	07-MAY-06 01:11	JPM			V624PPL+10

Internal Sample Tracking Chronicle

ENSR Consulting & Engineering

Job No: J29228

Ingersoll Rand, Phillipsburg, NJ
Project No: 03710-173-0902

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J29228-41 MW30A	Collected: 01-MAY-06 14:45 By: JH		Received: 01-MAY-06 By: CJP			
J29228-41	EPA 624	07-MAY-06 02:38	JPM			V624PPL+10
J29228-42 F050106	Collected: 01-MAY-06 15:00 By: JH		Received: 01-MAY-06 By: CJP			
J29228-42	EPA 624	07-MAY-06 03:06	JPM			V624PPL+10
J29228-43 T050106	Collected: 01-MAY-06 15:00 By: JH		Received: 01-MAY-06 By: CJP			
J29228-43	EPA 624	07-MAY-06 03:35	JPM			V624PPL+10

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-1.1	Secured Storage	Li Yuan	05/05/06 16:10	Retrieve from Storage
J29228-1.1	Li Yuan	GCMS3C	05/05/06 16:10	Load on Instrument
J29228-1.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-1.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-1.2	Secured Storage	Li Yuan	05/05/06 16:12	Retrieve from Storage
J29228-1.2	Li Yuan	GCMS3C	05/05/06 16:12	Load on Instrument
J29228-1.2	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-1.2	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-2.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-2.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-2.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-2.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-2.2	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-2.2	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-2.2	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-2.2	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-3.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-3.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-3.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-3.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-4.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-4.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-4.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-4.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-5.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-5.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-5.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-5.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-6.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-6.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-6.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-6.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-7.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-7.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-7.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-7.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-8.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-8.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-8.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-8.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-9.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-9.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-9.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-9.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-10.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-10.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-10.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-10.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-11.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-11.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-11.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-11.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-12.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-12.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-12.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-12.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-13.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-13.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-13.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-13.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-14.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-14.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-14.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-14.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-15.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-15.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-15.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-15.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-16.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-16.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-16.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-16.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-17.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-17.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-17.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-17.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-18.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-18.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-18.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-18.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-19.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-19.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-19.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-19.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-20.1	Secured Storage	Li Yuan	05/05/06 16:28	Retrieve from Storage
J29228-20.1	Li Yuan	GCMS3C	05/05/06 16:28	Load on Instrument
J29228-20.1	GCMS3C	Robert Szot	05/06/06 10:08	Unload from Instrument
J29228-20.1	Robert Szot	Secured Storage	05/06/06 10:08	Return to Storage
J29228-21.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-21.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-21.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-21.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-21.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-21.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-21.2	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-21.2	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-21.2	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-21.2	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-21.2	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-21.2	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-22.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-22.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-22.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-22.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-22.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-22.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-22.2	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-22.2	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-22.2	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-22.2	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-22.2	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-22.2	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-23.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-23.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-23.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-23.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-23.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-23.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-24.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-24.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-24.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-24.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-24.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-24.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-25.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-25.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-25.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-25.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-25.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-25.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-26.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-26.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-26.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-26.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-26.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-26.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-27.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-27.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-27.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-27.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-27.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-27.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-28.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-28.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-28.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-28.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-28.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-28.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-29.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-29.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-29.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-29.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-29.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-29.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-30.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-30.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-30.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-30.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-30.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-30.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-31.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-31.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-31.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-31.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-31.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-31.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-32.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-32.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-32.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-32.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-32.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-32.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-33.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-33.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-33.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-33.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-33.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-33.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-34.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-34.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-34.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-34.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-34.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-34.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-35.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-35.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-35.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-35.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-35.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-35.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-36.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-36.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-36.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-36.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-36.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-36.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-37.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-37.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-37.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-37.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-37.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-37.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-38.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-38.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-38.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-38.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-38.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-38.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-39.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-39.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-39.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-39.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-39.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-39.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-40.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-40.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-40.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-40.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-40.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-40.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage

Accutest Internal Chain of Custody

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Received: 05/01/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J29228-41.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-41.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-41.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-41.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-41.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-41.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-42.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-42.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-42.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-42.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-42.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-42.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage
J29228-43.1	Secured Storage	Li Yuan	05/05/06 17:15	Retrieve from Storage
J29228-43.1	Li Yuan	VOA Prep Storage	05/05/06 17:15	Return to Storage
J29228-43.1	VOA Prep Storage	Robert Szot	05/06/06 10:08	Retrieve from Storage
J29228-43.1	Robert Szot	GCMS3C	05/06/06 10:08	Load on Instrument
J29228-43.1	GCMS3C	Ping S. Mak	05/08/06 08:20	Unload from Instrument
J29228-43.1	Ping S. Mak	Secured Storage	05/08/06 08:20	Return to Storage

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: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C577-MB	3C13305.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C577-MB	3C13305.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	100%	67-138%
2037-26-5	Toluene-D8 (SUR)	98%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%	78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C578-MB	3C13332.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C578-MB	3C13332.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	93%	67-138%
2037-26-5	Toluene-D8 (SUR)	97%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%	78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C579-MB	3C13356.D	1	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	ND	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

Method Blank Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C579-MB	3C13356.D	1	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	112%	67-138%
2037-26-5	Toluene-D8 (SUR)	100%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	90%	78-117%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C577-BS	3C13306.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
107-02-8	Acrolein	200	213	107	23-182
107-13-1	Acrylonitrile	20	22.7	114	60-161
71-43-2	Benzene	20	18.6	93	75-122
75-27-4	Bromodichloromethane	20	18.9	95	78-131
75-25-2	Bromoform	20	19.3	97	69-134
74-83-9	Bromomethane	20	24.6	123	59-159
56-23-5	Carbon tetrachloride	20	21.3	107	69-153
108-90-7	Chlorobenzene	20	18.9	95	79-119
75-00-3	Chloroethane	20	25.8	129	61-143
110-75-8	2-Chloroethyl vinyl ether	20	16.7	84	47-124
67-66-3	Chloroform	20	18.9	95	81-135
74-87-3	Chloromethane	20	24.3	122	48-131
124-48-1	Dibromochloromethane	20	19.3	97	78-133
95-50-1	1,2-Dichlorobenzene	20	19.2	96	68-133
541-73-1	1,3-Dichlorobenzene	20	19.3	97	66-133
106-46-7	1,4-Dichlorobenzene	20	19.4	97	66-132
75-71-8	Dichlorodifluoromethane	20	28.0	140	41-177
75-34-3	1,1-Dichloroethane	20	19.0	95	77-134
107-06-2	1,2-Dichloroethane	20	19.2	96	64-145
75-35-4	1,1-Dichloroethene	20	19.7	99	69-135
156-59-2	cis-1,2-Dichloroethene	20	17.6	88	73-122
156-60-5	trans-1,2-Dichloroethene	20	19.1	96	74-127
78-87-5	1,2-Dichloropropane	20	19.3	97	77-129
10061-01-5	cis-1,3-Dichloropropene	20	19.3	97	75-125
10061-02-6	trans-1,3-Dichloropropene	20	19.3	97	72-127
100-41-4	Ethylbenzene	20	19.5	98	77-122
75-09-2	Methylene chloride	20	18.2	91	74-128
79-34-5	1,1,2,2-Tetrachloroethane	20	18.8	94	73-128
127-18-4	Tetrachloroethene	20	19.4	97	75-129
108-88-3	Toluene	20	18.7	94	76-120
71-55-6	1,1,1-Trichloroethane	20	20.0	100	75-141
79-00-5	1,1,2-Trichloroethane	20	18.8	94	79-129
79-01-6	Trichloroethene	20	19.0	95	80-127
75-69-4	Trichlorofluoromethane	20	27.6	138	59-165
75-01-4	Vinyl chloride	20	26.2	131	54-137
1330-20-7	Xylenes (total)	60	59.3	99	78-125

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C577-BS	3C13306.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	102%	67-138%
2037-26-5	Toluene-D8 (SUR)	100%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%	78-117%

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C578-BS	3C13333.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
107-02-8	Acrolein	200	198	99	23-182
107-13-1	Acrylonitrile	20	21.9	110	60-161
71-43-2	Benzene	20	18.4	92	75-122
75-27-4	Bromodichloromethane	20	18.3	92	78-131
75-25-2	Bromoform	20	21.1	106	69-134
74-83-9	Bromomethane	20	21.5	108	59-159
56-23-5	Carbon tetrachloride	20	21.5	108	69-153
108-90-7	Chlorobenzene	20	18.8	94	79-119
75-00-3	Chloroethane	20	21.6	108	61-143
110-75-8	2-Chloroethyl vinyl ether	20	16.3	82	47-124
67-66-3	Chloroform	20	18.3	92	81-135
74-87-3	Chloromethane	20	20.2	101	48-131
124-48-1	Dibromochloromethane	20	19.4	97	78-133
95-50-1	1,2-Dichlorobenzene	20	20.5	103	68-133
541-73-1	1,3-Dichlorobenzene	20	20.4	102	66-133
106-46-7	1,4-Dichlorobenzene	20	20.4	102	66-132
75-71-8	Dichlorodifluoromethane	20	23.4	117	41-177
75-34-3	1,1-Dichloroethane	20	17.9	90	77-134
107-06-2	1,2-Dichloroethane	20	18.4	92	64-145
75-35-4	1,1-Dichloroethene	20	19.5	98	69-135
156-59-2	cis-1,2-Dichloroethene	20	17.0	85	73-122
156-60-5	trans-1,2-Dichloroethene	20	18.1	91	74-127
78-87-5	1,2-Dichloropropane	20	18.4	92	77-129
10061-01-5	cis-1,3-Dichloropropene	20	18.2	91	75-125
10061-02-6	trans-1,3-Dichloropropene	20	18.1	91	72-127
100-41-4	Ethylbenzene	20	19.1	96	77-122
75-09-2	Methylene chloride	20	17.7	89	74-128
79-34-5	1,1,2,2-Tetrachloroethane	20	18.9	95	73-128
127-18-4	Tetrachloroethene	20	20.5	103	75-129
108-88-3	Toluene	20	18.5	93	76-120
71-55-6	1,1,1-Trichloroethane	20	19.6	98	75-141
79-00-5	1,1,2-Trichloroethane	20	18.8	94	79-129
79-01-6	Trichloroethene	20	18.7	94	80-127
75-69-4	Trichlorofluoromethane	20	22.9	115	59-165
75-01-4	Vinyl chloride	20	22.0	110	54-137
1330-20-7	Xylenes (total)	60	58.7	98	78-125

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C578-BS	3C13333.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	95%	67-138%
2037-26-5	Toluene-D8 (SUR)	100%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	98%	78-117%

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C579-BS	3C13357.D	1	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
107-02-8	Acrolein	200	202	101	23-182
107-13-1	Acrylonitrile	20	25.4	127	60-161
71-43-2	Benzene	20	21.9	110	75-122
75-27-4	Bromodichloromethane	20	22.9	115	78-131
75-25-2	Bromoform	20	23.2	116	69-134
74-83-9	Bromomethane	20	27.5	138	59-159
56-23-5	Carbon tetrachloride	20	27.9	140	69-153
108-90-7	Chlorobenzene	20	21.0	105	79-119
75-00-3	Chloroethane	20	28.6	143	61-143
110-75-8	2-Chloroethyl vinyl ether	20	15.9	80	47-124
67-66-3	Chloroform	20	22.3	112	81-135
74-87-3	Chloromethane	20	26.1	131	48-131
124-48-1	Dibromochloromethane	20	22.3	112	78-133
95-50-1	1,2-Dichlorobenzene	20	23.4	117	68-133
541-73-1	1,3-Dichlorobenzene	20	23.2	116	66-133
106-46-7	1,4-Dichlorobenzene	20	23.4	117	66-132
75-71-8	Dichlorodifluoromethane	20	28.5	143	41-177
75-34-3	1,1-Dichloroethane	20	22.1	111	77-134
107-06-2	1,2-Dichloroethane	20	25.3	127	64-145
75-35-4	1,1-Dichloroethene	20	21.9	110	69-135
156-59-2	cis-1,2-Dichloroethene	20	18.8	94	73-122
156-60-5	trans-1,2-Dichloroethene	20	20.3	102	74-127
78-87-5	1,2-Dichloropropane	20	21.7	109	77-129
10061-01-5	cis-1,3-Dichloropropene	20	20.0	100	75-125
10061-02-6	trans-1,3-Dichloropropene	20	21.2	106	72-127
100-41-4	Ethylbenzene	20	22.7	114	77-122
75-09-2	Methylene chloride	20	20.6	103	74-128
79-34-5	1,1,2,2-Tetrachloroethane	20	21.8	109	73-128
127-18-4	Tetrachloroethene	20	22.2	111	75-129
108-88-3	Toluene	20	21.6	108	76-120
71-55-6	1,1,1-Trichloroethane	20	24.1	121	75-141
79-00-5	1,1,2-Trichloroethane	20	21.9	110	79-129
79-01-6	Trichloroethene	20	21.4	107	80-127
75-69-4	Trichlorofluoromethane	20	28.0	140	59-165
75-01-4	Vinyl chloride	20	27.6	138* [a]	54-137
1330-20-7	Xylenes (total)	60	66.7	111	78-125

Blank Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C579-BS	3C13357.D	1	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	112%	67-138%
2037-26-5	Toluene-D8 (SUR)	106%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	105%	78-117%

(a) High percent recoveries and no associated positive found in the QC batch.

Matrix Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-1MS	3C13308.D	1	05/05/06	JPM	n/a	n/a	V3C577
J29228-1	3C13307.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Compound	J29228-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
107-02-8	Acrolein	ND		200	204	102	22-158
107-13-1	Acrylonitrile	ND		100	102	102	46-161
71-43-2	Benzene	ND		20	21.3	107	31-156
75-27-4	Bromodichloromethane	ND		20	21.4	107	73-136
75-25-2	Bromoform	ND		20	19.7	99	51-138
74-83-9	Bromomethane	ND		20	21.4	107	57-150
56-23-5	Carbon tetrachloride	ND		20	24.1	121	66-156
108-90-7	Chlorobenzene	ND		20	21.1	106	72-126
75-00-3	Chloroethane	ND		20	22.0	110	62-154
110-75-8	2-Chloroethyl vinyl ether	ND		20	ND	0* [a]	1-128
67-66-3	Chloroform	ND		20	21.6	108	77-139
74-87-3	Chloromethane	ND		20	21.1	106	52-153
124-48-1	Dibromochloromethane	ND		20	20.4	102	65-134
95-50-1	1,2-Dichlorobenzene	ND		20	20.5	103	65-140
541-73-1	1,3-Dichlorobenzene	ND		20	20.6	103	59-147
106-46-7	1,4-Dichlorobenzene	ND		20	20.9	105	63-140
75-71-8	Dichlorodifluoromethane	ND		40	47.9	120	49-170
75-34-3	1,1-Dichloroethane	0.78	J	20	22.5	109	73-138
107-06-2	1,2-Dichloroethane	ND		20	21.4	107	58-157
75-35-4	1,1-Dichloroethene	0.98	J	20	22.3	107	66-138
156-59-2	cis-1,2-Dichloroethene	ND		20	20.8	104	69-133
156-60-5	trans-1,2-Dichloroethene	ND		20	21.4	107	70-131
78-87-5	1,2-Dichloropropane	ND		20	21.0	105	73-131
10061-01-5	cis-1,3-Dichloropropene	ND		20	22.4	112	72-130
10061-02-6	trans-1,3-Dichloropropene	ND		20	20.4	102	65-124
100-41-4	Ethylbenzene	ND		20	21.9	110	23-163
75-09-2	Methylene chloride	ND		20	20.5	103	66-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	19.6	98	69-134
127-18-4	Tetrachloroethene	ND		20	22.2	111	69-135
108-88-3	Toluene	ND		20	21.5	108	31-159
71-55-6	1,1,1-Trichloroethane	3.2		20	26.0	114	71-148
79-00-5	1,1,2-Trichloroethane	ND		20	20.5	103	75-131
79-01-6	Trichloroethene	0.24	J	20	21.9	108	69-135
75-69-4	Trichlorofluoromethane	ND		40	47.4	119	59-167
75-01-4	Vinyl chloride	ND		20	21.7	109	56-159
1330-20-7	Xylenes (total)	ND		60	65.7	110	20-166

Matrix Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-1MS	3C13308.D	1	05/05/06	JPM	n/a	n/a	V3C577
J29228-1	3C13307.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Surrogate Recoveries	MS	J29228-1	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	102%	101%	67-138%
2037-26-5	Toluene-D8 (SUR)	101%	99%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	99%	97%	78-117%

(a) Because this compound is unstable in acid preserved sample.

Matrix Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-21MS	3C13335.D	1	05/06/06	JPM	n/a	n/a	V3C578
J29228-21	3C13334.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Compound	J29228-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
107-02-8	Acrolein	ND		200	160	80	22-158
107-13-1	Acrylonitrile	ND		100	87.1	87	46-161
71-43-2	Benzene	ND		20	17.6	88	31-156
75-27-4	Bromodichloromethane	ND		20	18.0	90	73-136
75-25-2	Bromoform	ND		20	19.5	98	51-138
74-83-9	Bromomethane	ND		20	18.5	93	57-150
56-23-5	Carbon tetrachloride	ND		20	19.4	97	66-156
108-90-7	Chlorobenzene	ND		20	18.4	92	72-126
75-00-3	Chloroethane	ND		20	18.2	91	62-154
110-75-8	2-Chloroethyl vinyl ether	ND		20	ND	0* [a]	1-128
67-66-3	Chloroform	ND		20	17.3	87	77-139
74-87-3	Chloromethane	ND		20	17.0	85	52-153
124-48-1	Dibromochloromethane	ND		20	18.6	93	65-134
95-50-1	1,2-Dichlorobenzene	ND		20	19.3	97	65-140
541-73-1	1,3-Dichlorobenzene	ND		20	19.1	96	59-147
106-46-7	1,4-Dichlorobenzene	ND		20	19.5	98	63-140
75-71-8	Dichlorodifluoromethane	ND		40	27.9	70	49-170
75-34-3	1,1-Dichloroethane	ND		20	16.9	85	73-138
107-06-2	1,2-Dichloroethane	ND		20	17.7	89	58-157
75-35-4	1,1-Dichloroethene	ND		20	17.0	85	66-138
156-59-2	cis-1,2-Dichloroethene	ND		20	17.1	86	69-133
156-60-5	trans-1,2-Dichloroethene	ND		20	16.9	85	70-131
78-87-5	1,2-Dichloropropane	ND		20	16.8	84	73-131
10061-01-5	cis-1,3-Dichloropropene	ND		20	17.7	89	72-130
10061-02-6	trans-1,3-Dichloropropene	ND		20	16.9	85	65-124
100-41-4	Ethylbenzene	ND		20	18.4	92	23-163
75-09-2	Methylene chloride	ND		20	16.9	85	66-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	18.7	94	69-134
127-18-4	Tetrachloroethene	ND		20	19.7	99	69-135
108-88-3	Toluene	ND		20	18.1	91	31-159
71-55-6	1,1,1-Trichloroethane	ND		20	17.9	90	71-148
79-00-5	1,1,2-Trichloroethane	ND		20	18.4	92	75-131
79-01-6	Trichloroethene	ND		20	17.6	88	69-135
75-69-4	Trichlorofluoromethane	ND		40	34.0	85	59-167
75-01-4	Vinyl chloride	ND		20	18.1	91	56-159
1330-20-7	Xylenes (total)	ND		60	55.3	92	20-166

Matrix Spike Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-21MS	3C13335.D	1	05/06/06	JPM	n/a	n/a	V3C578
J29228-21	3C13334.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Surrogate Recoveries	MS	J29228-21	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	93%	92%	67-138%
2037-26-5	Toluene-D8 (SUR)	99%	97%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	97%	92%	78-117%

(a) Because this compound is unstable in acid preserved sample.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29343-1MS	3C13371.D	10	05/07/06	JPM	n/a	n/a	V3C579
J29343-1MSD	3C13372.D	10	05/07/06	JPM	n/a	n/a	V3C579
J29343-1	3C13370.D	10	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Compound	J29343-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
107-02-8	Acrolein	ND		2000	1250	63	1210	61	3	22-158/25
107-13-1	Acrylonitrile	ND		1000	848	85	805	81	5	46-161/18
71-43-2	Benzene	1640		200	1620	-10* [a]	1590	-25* [a]	2	31-156/13
75-27-4	Bromodichloromethane	ND		200	190	95	185	93	3	73-136/15
75-25-2	Bromoform	ND		200	161	81	168	84	4	51-138/15
74-83-9	Bromomethane	ND		200	210	105	196	98	7	57-150/18
56-23-5	Carbon tetrachloride	ND		200	225	113	222	111	1	66-156/16
108-90-7	Chlorobenzene	ND		200	195	98	197	99	1	72-126/13
75-00-3	Chloroethane	ND		200	215	108	197	99	9	62-154/18
110-75-8	2-Chloroethyl vinyl ether	ND		200	ND	0* [b]	ND	0* [b]	nc	1-128/43
67-66-3	Chloroform	ND		200	191	96	187	94	2	77-139/15
74-87-3	Chloromethane	ND		200	185	93	168	84	10	52-153/23
124-48-1	Dibromochloromethane	ND		200	176	88	176	88	0	65-134/13
95-50-1	1,2-Dichlorobenzene	ND		200	217	109	221	111	2	65-140/15
541-73-1	1,3-Dichlorobenzene	ND		200	208	104	210	105	1	59-147/17
106-46-7	1,4-Dichlorobenzene	ND		200	221	111	221	111	0	63-140/17
75-71-8	Dichlorodifluoromethane	ND		400	419	105	395	99	6	49-170/23
75-34-3	1,1-Dichloroethane	ND		200	188	94	182	91	3	73-138/15
107-06-2	1,2-Dichloroethane	ND		200	244	122	234	117	4	58-157/17
75-35-4	1,1-Dichloroethene	ND		200	177	89	189	95	7	66-138/15
156-59-2	cis-1,2-Dichloroethene	ND		200	180	90	181	91	1	69-133/14
156-60-5	trans-1,2-Dichloroethene	ND		200	183	92	185	93	1	70-131/14
78-87-5	1,2-Dichloropropane	ND		200	178	89	174	87	2	73-131/14
10061-01-5	cis-1,3-Dichloropropene	ND		200	162	81	158	79	3	72-130/14
10061-02-6	trans-1,3-Dichloropropene	ND		200	156	78	151	76	3	65-124/15
100-41-4	Ethylbenzene	89.5		200	290	100	289	100	0	23-163/14
75-09-2	Methylene chloride	ND		200	183	92	183	92	0	66-143/15
79-34-5	1,1,2,2-Tetrachloroethane	ND		200	193	97	191	96	1	69-134/14
127-18-4	Tetrachloroethene	ND		200	205	103	212	106	3	69-135/14
108-88-3	Toluene	17.3		200	211	97	214	98	1	31-159/14
71-55-6	1,1,1-Trichloroethane	ND		200	205	103	201	101	2	71-148/16
79-00-5	1,1,2-Trichloroethane	ND		200	188	94	186	93	1	75-131/15
79-01-6	Trichloroethene	ND		200	194	97	195	98	1	69-135/14
75-69-4	Trichlorofluoromethane	ND		400	426	107	413	103	3	59-167/20
75-01-4	Vinyl chloride	ND		200	201	101	185	93	8	56-159/19
1330-20-7	Xylenes (total)	766		600	1370	101	1380	102	1	20-166/14

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29343-1MS	3C13371.D	10	05/07/06	JPM	n/a	n/a	V3C579
J29343-1MSD	3C13372.D	10	05/07/06	JPM	n/a	n/a	V3C579
J29343-1	3C13370.D	10	05/07/06	JPM	n/a	n/a	V3C579

The QC reported here applies to the following samples: Method: EPA 624

J29228-41, J29228-42, J29228-43

CAS No.	Surrogate Recoveries	MS	MSD	J29343-1	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	100%	94%	112%	67-138%
2037-26-5	Toluene-D8 (SUR)	100%	99%	99%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	99%	97%	99%	78-117%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Because this compound is unstable in acid preserved sample.

Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-2DUP	3C13310.D	1	05/05/06	JPM	n/a	n/a	V3C577
J29228-2	3C13309.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Compound	J29228-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
107-02-8	Acrolein	ND		ND		nc	10
107-13-1	Acrylonitrile	ND		ND		nc	10
71-43-2	Benzene	ND		ND		nc	27
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
110-75-8	2-Chloroethyl vinyl ether	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	2.3		2.6		12* [a]	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		0.60	J	200* [a]	10
156-59-2	cis-1,2-Dichloroethene	0.64	J	0.66	J	3	19
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	18
75-09-2	Methylene chloride	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	17
71-55-6	1,1,1-Trichloroethane	1.1		1.2		9	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	0.48	J	0.54	J	12	19
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	23

Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-2DUP	3C13310.D	1	05/05/06	JPM	n/a	n/a	V3C577
J29228-2	3C13309.D	1	05/05/06	JPM	n/a	n/a	V3C577

The QC reported here applies to the following samples: Method: EPA 624

J29228-1, J29228-2, J29228-3, J29228-4, J29228-5, J29228-6, J29228-7, J29228-8, J29228-9, J29228-10, J29228-11, J29228-12, J29228-13, J29228-14, J29228-15, J29228-16, J29228-17, J29228-18, J29228-19, J29228-20

CAS No.	Surrogate Recoveries	DUP	J29228-2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%	103%	67-138%
2037-26-5	Toluene-D8 (SUR)	99%	98%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	96%	96%	78-117%

(a) High RPD due to low concentration of hit

Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-22DUP	3C13337.D	1	05/06/06	JPM	n/a	n/a	V3C578
J29228-22	3C13336.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Compound	J29228-22 ug/l	Q	DUP ug/l	Q	RPD	Limits
107-02-8	Acrolein	ND		ND		nc	10
107-13-1	Acrylonitrile	ND		ND		nc	10
71-43-2	Benzene	ND		ND		nc	27
75-27-4	Bromodichloromethane	ND		ND		nc	10
75-25-2	Bromoform	ND		ND		nc	10
74-83-9	Bromomethane	ND		ND		nc	10
56-23-5	Carbon tetrachloride	ND		ND		nc	10
108-90-7	Chlorobenzene	ND		ND		nc	10
75-00-3	Chloroethane	ND		ND		nc	10
110-75-8	2-Chloroethyl vinyl ether	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	10
124-48-1	Dibromochloromethane	ND		ND		nc	10
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	10
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
75-71-8	Dichlorodifluoromethane	ND		ND		nc	10
75-34-3	1,1-Dichloroethane	ND		ND		nc	10
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	19
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	10
78-87-5	1,2-Dichloropropane	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	10
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	10
100-41-4	Ethylbenzene	ND		ND		nc	18
75-09-2	Methylene chloride	ND		ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	10
108-88-3	Toluene	ND		ND		nc	17
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	10
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	19
75-69-4	Trichlorofluoromethane	ND		ND		nc	10
75-01-4	Vinyl chloride	ND		ND		nc	10
1330-20-7	Xylenes (total)	ND		ND		nc	23

Duplicate Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
J29228-22DUP	3C13337.D	1	05/06/06	JPM	n/a	n/a	V3C578
J29228-22	3C13336.D	1	05/06/06	JPM	n/a	n/a	V3C578

The QC reported here applies to the following samples: Method: EPA 624

J29228-21, J29228-22, J29228-23, J29228-24, J29228-25, J29228-26, J29228-27, J29228-28, J29228-29, J29228-30, J29228-31, J29228-32, J29228-33, J29228-34, J29228-35, J29228-36, J29228-37, J29228-38, J29228-39, J29228-40

CAS No.	Surrogate Recoveries	DUP	J29228-22	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	94%	93%	67-138%
2037-26-5	Toluene-D8 (SUR)	97%	97%	85-120%
460-00-4	4-Bromofluorobenzene (SUR)	92%	92%	78-117%

Instrument Performance Check (BFB)

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample: V3C576-BFB
Lab File ID: 3C13293.D
Instrument ID: GCMS3C
Injection Date: 05/05/06
Injection Time: 09:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	10146	17.8		Pass
75	30.0 - 60.0% of mass 95	29349	51.6		Pass
95	Base peak, 100% relative abundance	56922	100.0		Pass
96	5.0 - 9.0% of mass 95	3820	6.7		Pass
173	Less than 2.0% of mass 174	242	0.43	(0.54) [a]	Pass
174	50.0 - 150.0% of mass 95	44421	78.0		Pass
175	5.0 - 9.0% of mass 174	3086	5.4	(6.9) [a]	Pass
176	95.0 - 101.0% of mass 174	42725	75.1	(96.2) [a]	Pass
177	5.0 - 9.0% of mass 176	2784	4.9	(6.5) [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
V3C576-ICC576	3C13294.D	05/05/06	09:50	00:29	Initial cal 20
V3C576-IC576	3C13296.D	05/05/06	10:48	01:27	Initial cal 2
V3C576-IC576	3C13297.D	05/05/06	11:17	01:56	Initial cal 5
V3C576-IC576	3C13298.D	05/05/06	11:46	02:25	Initial cal 50
V3C576-IC576	3C13299.D	05/05/06	12:13	02:52	Initial cal 100
V3C576-IC576	3C13300.D	05/05/06	12:41	03:20	Initial cal 200
V3C576-IC576	3C13303.D	05/05/06	14:35	05:14	Initial cal 1
V3C577-MB	3C13305.D	05/05/06	15:33	06:12	Method Blank
V3C577-BS	3C13306.D	05/05/06	16:02	06:41	Blank Spike
J29228-1	3C13307.D	05/05/06	16:31	07:10	MW02A
J29228-1MS	3C13308.D	05/05/06	17:00	07:39	Matrix Spike
J29228-2	3C13309.D	05/05/06	17:29	08:08	MW03A
J29228-2DUP	3C13310.D	05/05/06	17:58	08:37	Duplicate
J29228-3	3C13311.D	05/05/06	18:27	09:06	MW04A
J29228-4	3C13312.D	05/05/06	18:56	09:35	MW04B
J29228-5	3C13313.D	05/05/06	19:25	10:04	MW04C
J29228-6	3C13314.D	05/05/06	19:54	10:33	MW37A
J29228-7	3C13315.D	05/05/06	20:22	11:01	MW37B
J29228-8	3C13316.D	05/05/06	20:51	11:30	MW37C
J29228-9	3C13317.D	05/05/06	21:21	12:00	MW37CP
J29228-10	3C13318.D	05/05/06	21:50	12:29	MW06A
J29228-11	3C13319.D	05/05/06	22:19	12:58	MW06B
J29228-12	3C13320.D	05/05/06	22:48	13:27	MW35A
J29228-13	3C13321.D	05/05/06	23:17	13:56	MW35B

Instrument Performance Check (BFB)

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample:	V3C576-BFB	Injection Date:	05/05/06
Lab File ID:	3C13293.D	Injection Time:	09:21
Instrument ID:	GCMS3C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
J29228-14	3C13322.D	05/05/06	23:46	14:25	MW50A
J29228-15	3C13323.D	05/06/06	00:14	14:53	MW34A
J29228-16	3C13324.D	05/06/06	00:44	15:23	MW34B
J29228-17	3C13325.D	05/06/06	01:13	15:52	MW34C
J29228-18	3C13326.D	05/06/06	01:42	16:21	MW51AA
J29228-19	3C13327.D	05/06/06	02:11	16:50	MW33AA
J29228-20	3C13328.D	05/06/06	02:39	17:18	MW33AB

Instrument Performance Check (BFB)

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample:	V3C578-BFB	Injection Date:	05/06/06
Lab File ID:	3C13329.D	Injection Time:	12:34
Instrument ID:	GCMS3C		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	16880	17.6		Pass
75	30.0 - 60.0% of mass 95	48728	50.7		Pass
95	Base peak, 100% relative abundance	96053	100.0		Pass
96	5.0 - 9.0% of mass 95	6701	7.0		Pass
173	Less than 2.0% of mass 174	350	0.36	(0.51) [a]	Pass
174	50.0 - 150.0% of mass 95	68133	70.9		Pass
175	5.0 - 9.0% of mass 174	4607	4.8	(6.8) [a]	Pass
176	95.0 - 101.0% of mass 174	65778	68.5	(96.5) [a]	Pass
177	5.0 - 9.0% of mass 176	4055	4.2	(6.2) [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
V3C578-CC576	3C13330.D	05/06/06	13:08	00:34	Continuing cal 50
V3C578-MB	3C13332.D	05/06/06	14:06	01:32	Method Blank
V3C578-BS	3C13333.D	05/06/06	14:35	02:01	Blank Spike
J29228-21	3C13334.D	05/06/06	15:04	02:30	MW53A
J29228-21MS	3C13335.D	05/06/06	15:33	02:59	Matrix Spike
J29228-22	3C13336.D	05/06/06	16:02	03:28	MW53B
J29228-22DUP	3C13337.D	05/06/06	16:31	03:57	Duplicate
J29228-23	3C13338.D	05/06/06	17:00	04:26	MW52A
J29228-24	3C13339.D	05/06/06	17:29	04:55	MW52B
J29228-25	3C13340.D	05/06/06	17:58	05:24	MW24A
J29228-26	3C13341.D	05/06/06	18:27	05:53	MW24B
J29228-27	3C13342.D	05/06/06	18:56	06:22	MW24C
J29228-28	3C13343.D	05/06/06	19:24	06:50	RW10A
J29228-29	3C13344.D	05/06/06	19:54	07:20	RW10B
J29228-30	3C13345.D	05/06/06	20:22	07:48	RW11A
J29228-31	3C13346.D	05/06/06	20:51	08:17	RW11B
J29228-32	3C13347.D	05/06/06	21:20	08:46	MW54A
J29228-33	3C13348.D	05/06/06	21:49	09:15	MW47A
J29228-34	3C13349.D	05/06/06	22:18	09:44	MW18A
J29228-35	3C13350.D	05/06/06	22:47	10:13	MW20A
J29228-36	3C13351.D	05/06/06	23:16	10:42	MW19A
J29228-37	3C13352.D	05/06/06	23:45	11:11	MW19B
J29228-38	3C13353.D	05/07/06	00:13	11:39	MW48A
J29228-39	3C13354.D	05/07/06	00:42	12:08	MW26A

Instrument Performance Check (BFB)

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample:	V3C578-BFB	Injection Date:	05/06/06
Lab File ID:	3C13329.D	Injection Time:	12:34
Instrument ID:	GCMS3C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
J29228-40	3C13355.D	05/07/06	01:11	12:37	MW26B
V3C579-MB	3C13356.D	05/07/06	01:40	13:06	Method Blank
V3C579-BS	3C13357.D	05/07/06	02:09	13:35	Blank Spike
J29228-41	3C13358.D	05/07/06	02:38	14:04	MW30A
J29228-42	3C13359.D	05/07/06	03:06	14:32	F050106
J29228-43	3C13360.D	05/07/06	03:35	15:01	T050106
ZZZZZZ	3C13361.D	05/07/06	04:05	15:31	(unrelated sample)
ZZZZZZ	3C13362.D	05/07/06	04:34	16:00	(unrelated sample)
ZZZZZZ	3C13363.D	05/07/06	05:03	16:29	(unrelated sample)
ZZZZZZ	3C13364.D	05/07/06	05:32	16:58	(unrelated sample)
ZZZZZZ	3C13365.D	05/07/06	06:01	17:27	(unrelated sample)
ZZZZZZ	3C13366.D	05/07/06	06:30	17:56	(unrelated sample)
ZZZZZZ	3C13367.D	05/07/06	06:59	18:25	(unrelated sample)
ZZZZZZ	3C13368.D	05/07/06	07:28	18:54	(unrelated sample)
ZZZZZZ	3C13369.D	05/07/06	07:57	19:23	(unrelated sample)
J29343-1	3C13370.D	05/07/06	08:25	19:51	(used for QC only; not part of job J29228)
J29343-1MS	3C13371.D	05/07/06	08:54	20:20	Matrix Spike
J29343-1MSD	3C13372.D	05/07/06	09:23	20:49	Matrix Spike Duplicate
ZZZZZZ	3C13373.D	05/07/06	09:52	21:18	(unrelated sample)
ZZZZZZ	3C13374.D	05/07/06	10:21	21:47	(unrelated sample)
ZZZZZZ	3C13375.D	05/07/06	10:50	22:16	(unrelated sample)
ZZZZZZ	3C13376.D	05/07/06	11:19	22:45	(unrelated sample)
ZZZZZZ	3C13377.D	05/07/06	11:48	23:14	(unrelated sample)
ZZZZZZ	3C13378.D	05/07/06	12:16	23:42	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Check Std:	V3C576-ICC576	Injection Date:	05/05/06
Lab File ID:	3C13294.D	Injection Time:	09:50
Instrument ID:	GCMS3C	Method:	EPA 624

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	81191	7.56	57367	9.59	385232	10.70	355751	14.04
Upper Limit [a]	162382	8.06	114734	10.09	770464	11.20	711502	14.54
Lower Limit [b]	40596	7.06	28684	9.09	192616	10.20	177876	13.54

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
V3C577-MB	71301	7.56	53639	9.59	344342	10.70	311625	14.04
V3C577-BS	77256	7.56	55740	9.59	366200	10.70	332337	14.04
J29228-1	74303	7.56	55863	9.59	359637	10.70	324525	14.04
J29228-1MS	68670	7.56	54504	9.59	364497	10.70	334583	14.04
J29228-2	70914	7.56	53703	9.59	350956	10.70	313778	14.04
J29228-2DUP	68018	7.56	51381	9.59	334206	10.70	299302	14.04
J29228-3	66310	7.56	50487	9.59	324609	10.70	292372	14.04
J29228-4	62955	7.56	48134	9.59	310025	10.70	280236	14.04
J29228-5	61859	7.56	47436	9.59	301628	10.70	270954	14.04
J29228-6	60360	7.55	44998	9.59	288034	10.70	258462	14.04
J29228-7	57498	7.56	42959	9.59	277867	10.70	250678	14.04
J29228-8	51496	7.55	41225	9.59	268769	10.70	243329	14.04
J29228-9	55426	7.56	41461	9.59	265655	10.70	241035	14.04
J29228-10	53701	7.56	39424	9.59	254883	10.70	230349	14.04
J29228-11	51540	7.55	39112	9.59	250043	10.70	222938	14.04
J29228-12	48881	7.56	37781	9.59	243894	10.70	219165	14.04
J29228-13	47663	7.56	36752	9.59	239384	10.70	217531	14.04
J29228-14	46711	7.55	36826	9.59	232340	10.70	210476	14.04
J29228-15	47011	7.55	37226	9.59	230119	10.70	207521	14.04
J29228-16	42800	7.56	35463	9.59	228166	10.70	207277	14.04
J29228-17	45075	7.56	34990	9.59	221304	10.70	201268	14.04
J29228-18	43554	7.56	34456	9.59	216162	10.70	195523	14.04
J29228-19	43967	7.56	34261	9.59	217439	10.70	195975	14.04
J29228-20	43411	7.55	33454	9.59	211343	10.70	192006	14.04

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Bromochloromethane
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5

(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.

Volatile Internal Standard Area Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Check Std:	V3C578-CC576	Injection Date:	05/06/06
Lab File ID:	3C13330.D	Injection Time:	13:08
Instrument ID:	GCMS3C	Method:	EPA 624

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	74931	7.55	60689	9.59	388914	10.70	356805	14.04
Upper Limit [a]	149862	8.05	121378	10.09	777828	11.20	713610	14.54
Lower Limit [b]	37466	7.05	30345	9.09	194457	10.20	178403	13.54

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
V3C578-MB	68038	7.56	59693	9.59	380317	10.70	347426	14.04
V3C578-BS	73229	7.56	60283	9.59	386132	10.70	352921	14.04
J29228-21	67807	7.55	60911	9.59	387042	10.70	349659	14.04
J29228-21MS	65173	7.56	59775	9.59	385856	10.70	346363	14.04
J29228-22	71176	7.56	60289	9.59	381904	10.70	347974	14.04
J29228-22DUP	62736	7.56	57264	9.59	369297	10.70	332170	14.04
J29228-23	65402	7.56	55885	9.59	352273	10.70	319758	14.04
J29228-24	64024	7.55	53895	9.59	341806	10.70	307412	14.04
J29228-25	61983	7.55	52248	9.59	327066	10.70	297886	14.04
J29228-26	60030	7.56	51026	9.59	317354	10.70	286002	14.04
J29228-27	58588	7.56	49023	9.59	307872	10.70	278225	14.04
J29228-28	56302	7.56	47859	9.59	298665	10.70	271403	14.04
J29228-29	55633	7.55	47038	9.59	292577	10.70	266135	14.04
J29228-30	50459	7.55	45724	9.59	286472	10.70	260972	14.04
J29228-31	52766	7.56	45092	9.59	280832	10.70	253418	14.04
J29228-32	50867	7.55	43523	9.59	271661	10.70	245077	14.04
J29228-33	50040	7.56	43229	9.59	265407	10.70	240242	14.04
J29228-34	48663	7.56	42576	9.59	260925	10.70	236701	14.04
J29228-35	47580	7.55	41726	9.59	258510	10.70	236310	14.04
J29228-36	48295	7.55	42141	9.59	257050	10.70	234169	14.04
J29228-37	45966	7.55	41463	9.59	250268	10.70	227903	14.04
J29228-38	41883	7.55	40194	9.59	246595	10.70	223477	14.04
J29228-39	44766	7.56	38806	9.59	239220	10.70	217908	14.04
J29228-40	44543	7.56	39673	9.59	237554	10.70	215358	14.04
V3C579-MB	42113	7.55	38597	9.59	233753	10.70	211538	14.04
V3C579-BS	50324	7.56	39935	9.59	248533	10.70	231923	14.04
J29228-41	46752	7.56	40342	9.59	252615	10.70	229002	14.04
J29228-42	45521	7.56	40117	9.59	244064	10.70	220536	14.04
J29228-43	44757	7.55	39273	9.59	237485	10.70	214820	14.04
ZZZZZZ	40419	7.56	38163	9.59	246221	10.70	240559	14.04
ZZZZZZ	49193	7.56	44674	9.59	271039	10.70	245861	14.04
ZZZZZZ	46832	7.55	42392	9.59	259314	10.70	235251	14.04
ZZZZZZ	61363	7.55	43159	9.59	280490	10.70	262090	14.04
ZZZZZZ	51569	7.56	45127	9.59	285028	10.70	257987	14.04
ZZZZZZ	51071	7.56	44819	9.59	275611	10.70	249962	14.04

Volatile Internal Standard Area Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Check Std:	V3C578-CC576	Injection Date:	05/06/06
Lab File ID:	3C13330.D	Injection Time:	13:08
Instrument ID:	GCMS3C	Method:	EPA 624

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
ZZZZZZ	48030	7.55	42248	9.59	261838	10.70	235528	14.04
ZZZZZZ	46660	7.55	41087	9.59	257339	10.70	233508	14.04
ZZZZZZ	42218	7.56	40509	9.59	256249	10.70	230070	14.04
J29343-1	51390	7.56	40917	9.59	262209	10.70	237640	14.04
J29343-1MS	57166	7.55	47440	9.59	304506	10.70	280100	14.04
J29343-1MSD	61952	7.56	52047	9.59	331792	10.70	304789	14.04
ZZZZZZ	56367	7.56	54080	9.59	336419	10.70	311133	14.04
ZZZZZZ	57823	7.55	53124	9.59	338370	10.70	310484	14.04
ZZZZZZ	55486	7.55	53863	9.59	335436	10.70	307161	14.04
ZZZZZZ	53345	7.56	52952	9.59	331160	10.70	308623	14.04
ZZZZZZ	51743	7.56	51760	9.59	331332	10.70	301274	14.04
ZZZZZZ	53843	7.56	51482	9.59	315612	10.70	289406	14.04

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Bromochloromethane
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5

(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.

Volatile Surrogate Recovery Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Method: EPA 624 Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
J29228-1	3C13307.D	101.0	99.0	97.0
J29228-2	3C13309.D	103.0	98.0	96.0
J29228-3	3C13311.D	105.0	99.0	97.0
J29228-4	3C13312.D	107.0	99.0	96.0
J29228-5	3C13313.D	108.0	99.0	97.0
J29228-6	3C13314.D	111.0	100.0	97.0
J29228-7	3C13315.D	114.0	100.0	97.0
J29228-8	3C13316.D	115.0	101.0	97.0
J29228-9	3C13317.D	116.0	101.0	96.0
J29228-10	3C13318.D	118.0	100.0	97.0
J29228-11	3C13319.D	117.0	100.0	97.0
J29228-12	3C13320.D	122.0	101.0	98.0
J29228-13	3C13321.D	124.0	100.0	97.0
J29228-14	3C13322.D	121.0	101.0	98.0
J29228-15	3C13323.D	120.0	101.0	98.0
J29228-16	3C13324.D	122.0	101.0	97.0
J29228-17	3C13325.D	122.0	101.0	97.0
J29228-18	3C13326.D	123.0	101.0	98.0
J29228-19	3C13327.D	125.0	100.0	97.0
J29228-20	3C13328.D	126.0	102.0	96.0
J29228-21	3C13334.D	92.0	97.0	92.0
J29228-22	3C13336.D	93.0	97.0	92.0
J29228-23	3C13338.D	97.0	97.0	92.0
J29228-24	3C13339.D	98.0	97.0	92.0
J29228-25	3C13340.D	100.0	98.0	93.0
J29228-26	3C13341.D	100.0	98.0	92.0
J29228-27	3C13342.D	104.0	99.0	92.0
J29228-28	3C13343.D	105.0	98.0	93.0
J29228-29	3C13344.D	106.0	99.0	94.0
J29228-30	3C13345.D	104.0	100.0	92.0
J29228-31	3C13346.D	106.0	99.0	93.0
J29228-32	3C13347.D	108.0	99.0	92.0
J29228-33	3C13348.D	108.0	99.0	92.0
J29228-34	3C13349.D	108.0	100.0	92.0
J29228-35	3C13350.D	111.0	100.0	92.0
J29228-36	3C13351.D	109.0	99.0	93.0
J29228-37	3C13352.D	110.0	99.0	92.0
J29228-38	3C13353.D	108.0	99.0	92.0
J29228-39	3C13354.D	113.0	100.0	92.0
J29228-40	3C13355.D	111.0	99.0	92.0

Volatile Surrogate Recovery Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Method: EPA 624 Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
J29228-41	3C13358.D	112.0	101.0	93.0
J29228-42	3C13359.D	111.0	99.0	92.0
J29228-43	3C13360.D	113.0	100.0	92.0
J29228-1MS	3C13308.D	102.0	101.0	99.0
J29228-21MS	3C13335.D	93.0	99.0	97.0
J29228-22DUP	3C13337.D	94.0	97.0	92.0
J29228-2DUP	3C13310.D	105.0	99.0	96.0
J29343-1MS	3C13371.D	100.0	100.0	99.0
J29343-1MSD	3C13372.D	94.0	99.0	97.0
V3C577-BS	3C13306.D	102.0	100.0	98.0
V3C577-MB	3C13305.D	100.0	98.0	96.0
V3C578-BS	3C13333.D	95.0	100.0	98.0
V3C578-MB	3C13332.D	93.0	97.0	92.0
V3C579-BS	3C13357.D	112.0	106.0	105.0
V3C579-MB	3C13356.D	112.0	100.0	90.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichloroethane-D4 (SUR)	67-138%
S2 = Toluene-D8 (SUR)	85-120%
S3 = 4-Bromofluorobenzene (SUR)	78-117%

Initial Calibration Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample: V3C576-ICC576
Lab FileID: 3C13294.D

Response Factor Report MS3C

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

Calibration Files
5 =3C13297.D 20 =3C13294.D 50 =3C13298.D 100 =3C13299.D
200 =3C13300.D 2 =3C13296.D 1 =3C13303.D

Compound	5	20	50	100	200	2	1	Avg	%RSD
1) Tert Butyl Alcohol-d9	----------ISTD----------								
2)M TERTIARY BUTYL AL	1.187	1.357	1.334	1.345	1.342	1.246	1.184	1.285	6.01
3)M 1,4-DIOXANE	0.089	0.110	0.118	0.120	0.116	0.080	0.048	0.097	27.45
4) BROMOCHLOROMETHANE	----------ISTD----------								
5)M DICHLORODIFLUOROM	2.937	2.772	3.020	3.060	2.841	2.577	1.760	2.710	16.58
6)M CHLOROMETHANE	3.534	2.541	2.929	3.020	2.778	3.533	3.100	3.062	12.05
7)M VINYL CHLORIDE	3.404	2.671	2.954	3.137	2.916	3.221	2.461	2.966	10.93
8)M BROMOMETHANE	2.267	1.786	1.886	1.979	1.749	2.344	1.988	2.000	11.39
9)M CHLOROETHANE	1.968	1.549	1.690	1.765	1.529	1.882	1.509	1.699	10.69
10)M TRICHLOROFLUOROME	3.959	4.121	4.279	4.510	4.181	3.696	2.688	3.919	15.29
11)M PENTANE	3.988	4.341	4.559	4.699	4.492	3.214	3.553	4.121	13.57
12)M ETHYL ETHER	1.256	1.382	1.363	1.381	1.332	1.301	1.221	1.319	4.76
13)M ACROLEIN	0.359	0.417	0.414	0.409	0.388	0.343	0.329	0.380	9.53
14)M 1,1-DICHLOROETHYL	1.609	1.825	1.956	1.988	1.910	1.711	2.177	1.882	9.98
15)M FREON 113	1.236	1.492	1.641	1.684	1.627	1.109	0.946	1.391	21.09
16)M ACETONE	0.148	0.182	0.176	0.170	0.168			0.169	7.59
17)M CARBON DISULFIDE	5.851	5.699	7.172	7.250	6.829	6.147	5.933	6.412	10.22
18)M METHYL ACETATE								0.000	-1.00
19)M METHYLENE CHLORID	2.481	2.618	2.520	2.482	2.345	2.666	2.768	2.554	5.48
20)M ACRYLONITRILE	0.674	0.788	0.781	0.755	0.699	0.653	0.623	0.710	9.16
21)M METHYL TERT BUTYL	7.234	8.353	8.092	7.992	7.531	7.427	6.670	7.614	7.57
22)M trans-1,2-DICHLOR	2.088	2.370	2.336	2.359	2.235	2.293	2.879	2.366	10.40
23)M HEXANE	2.848	3.676	4.106	4.151	3.828	2.610	1.883	3.300	26.19
24)M 1,1-DICHLOROETHAN	4.619	5.087	4.978	4.894	4.521	4.844	4.428	4.767	5.18
25)M VINYL ACETATE	0.356	0.451	0.456	0.466	0.453			0.437	10.33
26)M DI-ISOPROPYL ETHE	8.409	9.628	9.405	9.068	8.167	8.465	7.302	8.635	9.27
27)M ETHYL TERT BUTYL	7.885	8.590	8.594	8.668	8.497	7.439	8.426	8.300	5.55
28)M 2-BUTANONE	0.151	0.221	0.233	0.234	0.233	0.097		0.195	29.63
29)M cis-1,2-DICHLOROE	2.586	2.786	2.727	2.726	2.594	2.747	2.854	2.717	3.58
30)M ETHYL ACETATE	0.222	0.296	0.286	0.281	0.270	0.167	0.094	0.231	32.65
31)M TETRAHYDROFURAN	0.548	0.589	0.612	0.592	0.560	0.585	0.582	0.581	3.63
32)M CHLOROFORM	4.585	5.219	4.932	4.867	4.524	4.896	4.635	4.808	5.07
33)M 1,1,1-TRICHLOROET	3.783	4.456	4.556	4.570	4.188	3.873	3.584	4.144	9.69
34)M CYCLOHEXANE								0.000	-1.00
35)S 1,2-DICHLOROETHAN	2.895	2.883	2.842	2.826	2.650	2.848	2.658	2.800	3.68
36) 1,4-DIFLUOROBENZENE	----------ISTD----------								
37)M CARBON TETRACHLOR	0.472	0.575	0.623	0.619	0.571	0.492	0.408	0.537	15.14
38)M BENZENE	1.478	1.634	1.601	1.562	1.391	1.636	1.658	1.566	6.25
39)M 1,2-DICHLOROETHAN	0.559	0.633	0.610	0.589	0.537	0.568	0.558	0.579	5.74
40)M TERT-AMYL METHYL	1.047	1.161	1.191	1.191	1.146	1.012	1.157	1.129	6.27
41)M HEPTANE	0.223	0.308	0.343	0.342	0.313	0.235	0.180	0.278	23.22
42)M TRICHLOROETHYLENE	0.335	0.392	0.395	0.399	0.372	0.371	0.342	0.372	6.88
43)M 1,2-DICHLOROPROPA	0.370	0.422	0.418	0.409	0.371	0.397	0.376	0.395	5.68
44)M BROMODICHLOROMETH	0.478	0.548	0.576	0.573	0.532	0.503	0.480	0.527	7.78

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ
Sample: V3C576-ICC576
Lab FileID: 3C13294.D

45)M	2-CHLOROETHYL VIN	0.179	0.231	0.248	0.249	0.234	0.163	0.138	0.206	21.97
46)M	EPICHLOROHYDRIN	0.023	0.030	0.031	0.031	0.029	0.021	0.017	0.026	21.12
47)M	cis-1,3-DICHLOROP	0.551	0.684	0.681	0.675	0.625	0.579	0.493	0.613	12.13
48)M	4-METHYL-2-PENTAN	0.087	0.112	0.122	0.123	0.119			0.113	13.41
49)M	TOLUENE	0.854	0.998	0.981	0.990	0.928	0.936	0.885	0.939	5.84
50)M	trans-1,3-DICHLOR	0.517	0.638	0.639	0.632	0.604	0.520	0.468	0.574	12.33
51)M	1,1,2-TRICHLOROET	0.238	0.279	0.274	0.268	0.245	0.256	0.248	0.258	6.04
52)S	TOLUENE-d8 (SUR)	1.246	1.253	1.244	1.249	1.213	1.240	1.221	1.238	1.21
53) I	CHLOROBENZENE-D5	----------ISTD----------								
54)S	4-BROMOFLUOROBENZ	0.568	0.574	0.574	0.529	0.567	0.568	0.583	0.566	3.06
55)M	TETRACHLOROETHYLE	0.244	0.291	0.306	0.325	0.318	0.258	0.249	0.284	11.94
56)M	2-HEXANONE	0.129	0.184	0.203	0.212	0.202	0.110	0.101	0.163	29.60
57)M	BUTYL ACETATE	0.175	0.238	0.247	0.250	0.236	0.165	0.118	0.204	25.19
58)M	DIBROMOCHLOROMETH	0.304	0.353	0.400	0.419	0.408	0.311	0.301	0.357	14.66
59)M	ETHYLENE DIBROMID	0.270	0.322	0.324	0.324	0.314	0.275	0.264	0.299	9.24
60)M	CHLOROBENZENE	1.069	1.199	1.188	1.183	1.136	1.142	1.160	1.154	3.85
61)M	ETHYLBENZENE	1.875	2.209	2.240	2.268	2.115	2.021	1.841	2.081	8.35
62)M	m,p-XYLENE	0.668	0.798	0.809	0.835	0.783	0.697	0.622	0.745	10.96
63)M	o-XYLENE	0.663	0.799	0.805	0.821	0.782	0.668	0.636	0.739	10.78
64)M	STYRENE	0.978	1.307	1.364	1.422	1.370	0.956	0.868	1.181	19.94
65)M	BROMOFORM	0.167	0.191	0.227	0.222	0.244	0.159	0.165	0.197	17.55
66)M	CUMENE	1.469	1.877	1.956	1.847	1.900	1.512	1.384	1.706	14.09
67)M	1,1,2,2-TETRACHLO	0.383	0.439	0.441	0.400	0.405	0.402	0.387	0.408	5.64
68)M	2-CHLOROTOLUENE	1.644	1.759	1.798	1.725	1.799	1.538	2.005	1.752	8.29
69)M	4-CHLOROTOLUENE	1.435	1.566	1.592	1.548	1.618	1.378	1.761	1.557	8.02
70)M	1,3,5-TRIMETHYLBE	1.468	1.714	1.797	1.758	1.851	1.344	1.658	1.656	11.14
71)M	1,2,4-TRIMETHYLBE	1.517	1.770	1.727	1.787	1.930	1.358	1.663	1.679	11.28
72)M	1,3-DICHLOROBENZE	0.795	0.915	0.848	0.873	0.931	0.846	0.921	0.876	5.68
73)M	1,4-DICHLOROBENZE	0.803	0.955	0.872	0.892	0.952	0.842	0.905	0.889	6.27
74)M	1,2-DICHLOROBENZE	0.765	0.891	0.817	0.837	0.886	0.808	0.876	0.840	5.58
75)M	1,2,4-TRICHLOROBE	0.529	0.574	0.567	0.606	0.696	0.515	0.826	0.616	17.83
76)M	NAPHTHALENE	1.067	1.312	1.258	1.289	1.348	1.079		1.225	9.93
77)	BIS(CHLOROMETHYL)								0.000	-1.00
78)M	ETHYLENIMINE								0.000	-1.00

(#) = Out of Range

M3C576.M Fri May 05 15:00:48 2006 MS3C

Continuing Calibration Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample: V3C578-CC576
Lab FileID: 3C13330.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3C13330.D Vial: 2
Acq On : 6 May 2006 1:08 pm Operator: PINGM
Sample : CC576-50 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
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		Tert Butyl Alcohol-d9	1.000	1.000	0.0	91	0.00	7.55
2	M	TERTIARY BUTYL ALCOHOL	1.285	1.257	2.2	86	0.00	7.68
3	M	1,4-DIOXANE	0.097	0.115	-18.6	89	0.00	11.44
4		BROMOCHLOROMETHANE	1.000	1.000	0.0	103	0.00	9.59
5	M	DICHLORODIFLUOROMETHANE	2.710	2.819	-4.0	96	0.00	4.09
6	M	CHLOROMETHANE	3.062	2.692	12.1	95	-0.01	4.47
7	M	VINYL CHLORIDE	2.966	2.870	3.2	100	0.00	4.73
8	M	BROMOMETHANE	2.000	2.024	-1.2	110	0.00	5.40
9	M	CHLOROETHANE	1.699	1.663	2.1	101	0.00	5.57
10	M	TRICHLOROFLUOROMETHANE	3.919	4.137	-5.6	100	0.00	6.02
11	M	PENTANE	4.121	2.839	31.1#	64	0.00	6.12
12	M	ETHYL ETHER	1.319	1.221	7.4	92	0.00	6.45
13	M	ACROLEIN	0.380	0.365	3.9	91	0.00	6.71
14	M	1,1-DICHLOROETHYLENE	1.882	1.761	6.4	93	0.00	6.88
15	M	FREON 113	1.391	1.607	-15.5	101	0.00	6.85
16	M	ACETONE	0.169	0.160	5.3	93	-0.01	6.94
17	M	CARBON DISULFIDE	6.412	6.099	4.9	88	0.00	7.30
18	M	METHYL ACETATE		----------NA----------				
19	M	METHYLENE CHLORIDE	2.554	2.217	13.2	91	0.00	7.61
20	M	ACRYLONITRILE	0.710	0.679	4.4	90	0.00	7.93
21	M	METHYL TERT BUTYL ETHER	7.614	7.145	6.2	91	0.00	7.92
22	M	trans-1,2-DICHLOROETHYLEN	2.366	2.133	9.8	94	0.00	7.98
23	M	HEXANE	3.300	3.291	0.3	82	0.00	8.27
24	M	1,1-DICHLOROETHANE	4.767	4.328	9.2	89	0.00	8.55
25	M	VINYL ACETATE	0.437	0.417	4.6	94	0.00	8.52
26	M	DI-ISOPROPYL ETHER	8.635	7.527	12.8	82	0.00	8.50
27	M	ETHYL TERT BUTYL ETHER	8.300	7.087	14.6	85	0.00	8.97
28	M	2-BUTANONE	0.195	0.206	-5.6	91	0.00	9.24
29	M	cis-1,2-DICHLOROETHYLENE	2.717	2.482	8.6	94	0.00	9.29
30	M	ETHYL ACETATE	0.231	0.232	-0.4	83	0.00	9.25
31	M	TETRAHYDROFURAN	0.581	0.470	19.1	79	0.00	9.64
32	M	CHLOROFORM	4.808	4.367	9.2	91	0.00	9.65
33	M	1,1,1-TRICHLOROETHANE	4.144	4.033	2.7	91	0.00	9.90
34	M	CYCLOHEXANE		----------NA----------				
35	S	1,2-DICHLOROETHANE-D4 (SU	2.800	2.592	7.4	94	0.00	10.27
36		1,4-DIFLUOROBENZENE	1.000	1.000	0.0	99	0.00	10.70
37	M	CARBON TETRACHLORIDE	0.537	0.588	-9.5	93	0.00	10.10
38	M	BENZENE	1.566	1.443	7.9	89	0.00	10.34
39	M	1,2-DICHLOROETHANE	0.579	0.551	4.8	89	0.00	10.35
40	M	TERT-AMYL METHYL ETHER	1.129	1.076	4.7	89	0.00	10.35

Continuing Calibration Summary

Job Number: J29228
Account: ENSRNJ ENSR Consulting & Engineering
Project: Ingersoll Rand, Phillipsburg, NJ

Sample: V3C578-CC576
Lab FileID: 3C13330.D

41	M	HEPTANE	0.278	0.293	-5.4	84	0.00	10.49
42	M	TRICHLOROETHYLENE	0.372	0.361	3.0	91	0.00	11.05
43	M	1,2-DICHLOROPROPANE	0.395	0.354	10.4	84	0.00	11.32
44	M	BROMODICHLOROMETHANE	0.527	0.525	0.4	90	0.00	11.62
45	M	2-CHLOROETHYL VINYL ETHER	0.206	0.214	-3.9	85	0.00	11.85
46	M	EPICHLOROHYDRIN	0.026	0.027	-3.8	88	0.00	12.00
47	M	cis-1,3-DICHLOROPROPENE	0.613	0.617	-0.7	90	0.00	12.09
48	M	4-METHYL-2-PENTANONE	0.113	0.108	4.4	88	0.00	12.18
49	M	TOLUENE	0.939	0.927	1.3	93	0.00	12.47
50	M	trans-1,3-DICHLOROPROPENE	0.574	0.589	-2.6	91	0.00	12.68
51	M	1,1,2-TRICHLOROETHANE	0.258	0.252	2.3	91	0.00	12.92
52	S	TOLUENE-d8 (SUR)	1.238	1.244	-0.5	99	0.00	12.39
53	I	CHLOROBENZENE-D5	1.000	1.000	0.0	99	0.00	14.04
54	S	4-BROMOFLUOROBENZENE (SUR	0.566	0.557	1.6	97	0.00	15.32
55	M	TETRACHLOROETHYLENE	0.284	0.312	-9.9	101	0.00	13.11
56	M	2-HEXANONE	0.163	0.167	-2.5	82	0.00	13.10
57	M	BUTYL ACETATE	0.204	0.220	-7.8	89	0.00	13.17
58	M	DIBROMOCHLOROMETHANE	0.357	0.392	-9.8	97	0.00	13.41
59	M	ETHYLENE DIBROMIDE	0.299	0.310	-3.7	95	0.00	13.57
60	M	CHLOROBENZENE	1.154	1.123	2.7	94	0.00	14.08
61	M	ETHYLBENZENE	2.081	2.083	-0.1	92	0.00	14.12
62	M	m,p-XYLENE	0.745	0.779	-4.6	96	0.00	14.25
63	M	o-XYLENE	0.739	0.763	-3.2	94	0.00	14.71
64	M	STYRENE	1.181	1.316	-11.4	96	0.00	14.72
65	M	BROMOFORM	0.197	0.246	-24.9#	107	0.00	15.03
66	M	CUMENE	1.706	1.827	-7.1	93	0.00	15.08
67	M	1,1,2,2-TETRACHLOROETHANE	0.408	0.413	-1.2	93	0.00	15.44
68	M	2-CHLOROTOLUENE	1.752	1.643	6.2	91	0.00	15.71
69	M	4-CHLOROTOLUENE	1.557	1.451	6.8	91	0.00	15.82
70	M	1,3,5-TRIMETHYLBENZENE	1.656	1.639	1.0	91	0.00	15.71
71	M	1,2,4-TRIMETHYLBENZENE	1.679	1.691	-0.7	97	0.00	16.15
72	M	1,3-DICHLOROBENZENE	0.876	0.930	-6.2	109	0.00	16.56
73	M	1,4-DICHLOROBENZENE	0.889	0.961	-8.1	110	0.00	16.65
74	M	1,2-DICHLOROBENZENE	0.840	0.903	-7.5	110	0.00	17.09
75	M	1,2,4-TRICHLOROBENZENE	0.616	0.667	-8.3	117	0.00	18.85
76	M	NAPHTHALENE	1.225	1.452	-18.5	115	0.00	19.18
77		BIS(CHLOROMETHYL)ETHER		----------NA----------				
78	M	ETHYLENIMINE		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3C13298.D M3C576.M Mon May 08 15:41:43 2006 MS3C

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13307.D Vial: 16
Acq On : 5 May 2006 4:31 pm Operator: PINGM
Sample : J29228-1 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 16:55:09 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	74303	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	55863	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	359637	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	324525	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	157617	30.23	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 100.77%			
52) TOLUENE-d8 (SUR)	12.39	98	439145	29.59	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.63%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	177606	29.00	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 96.67%			

Target Compounds

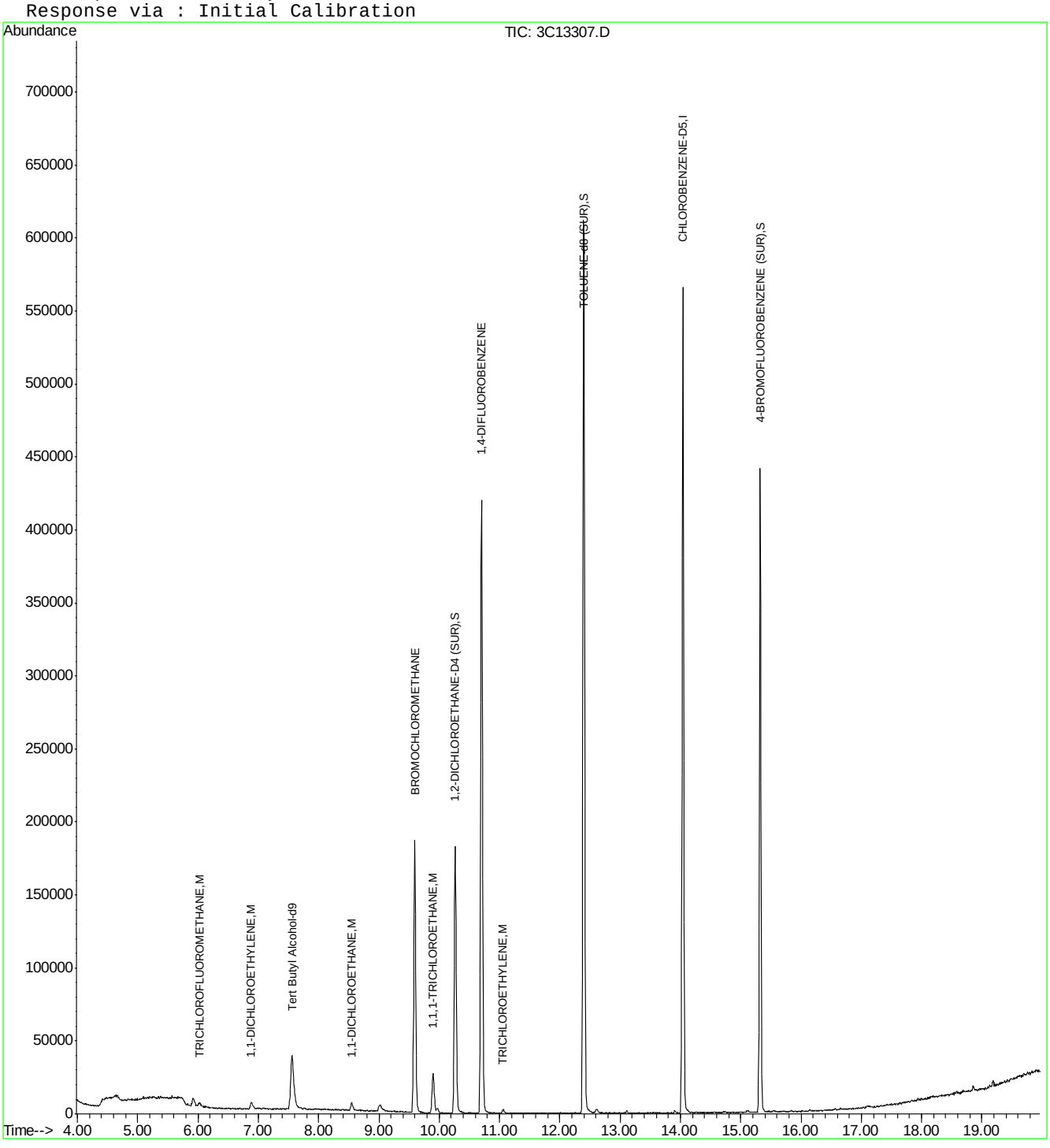
							Qvalue
10) TRICHLOROFLUOROMETHANE	6.02	101	4110	0.56	PPb		91
14) 1,1-DICHLOROETHYLENE	6.88	96	3425	0.98	PPb	#	82
24) 1,1-DICHLOROETHANE	8.55	63	6884	0.78	PPb		93
33) 1,1,1-TRICHLOROETHANE	9.90	97	24448	3.17	PPb		94
42) TRICHLOROETHYLENE	11.06	95	1063	0.24	PPb		91

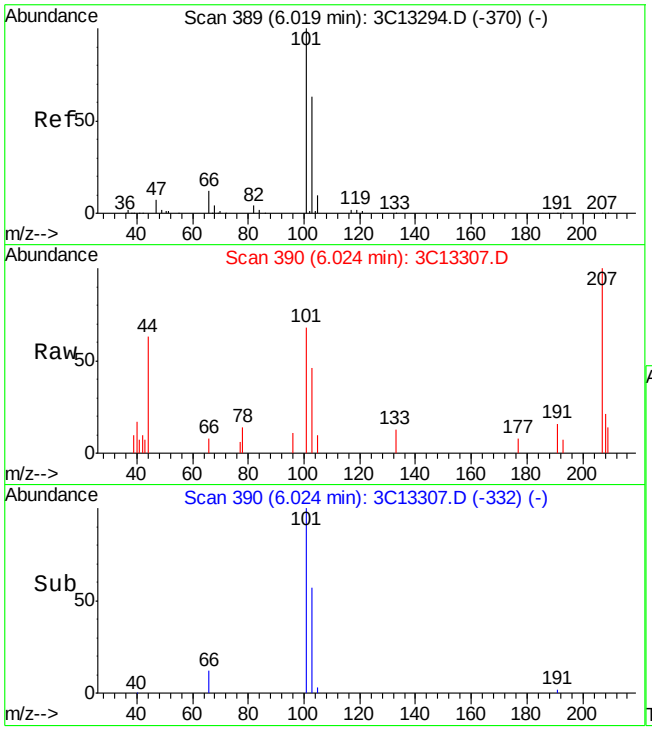
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13307.D Vial: 16
Acq On : 5 May 2006 4:31 pm Operator: PINGM
Sample : J29228-1 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:24 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

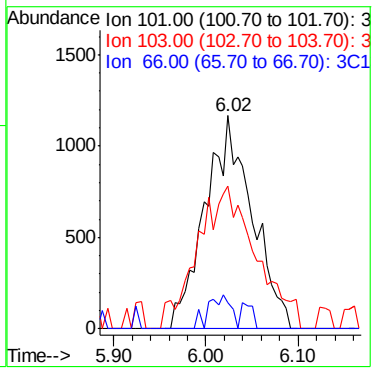


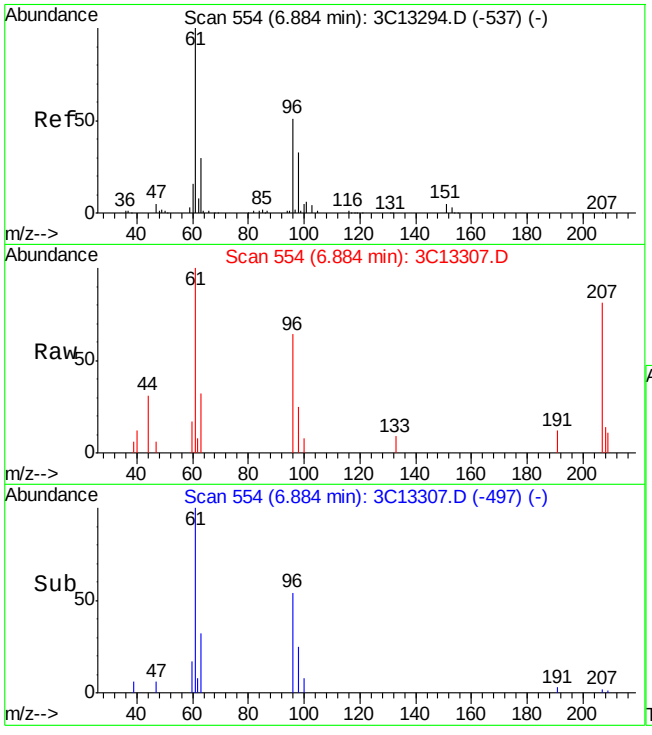


#10
TRICHLOROFLUOROMETHANE
Concen: 0.56 PPb
RT: 6.02 min Scan# 390
Delta R.T. 0.01 min
Lab File: 3C13307.D
Acq: 5 May 2006 4:31 pm

Tgt Ion:101 Resp: 4110

Ion	Ratio	Lower	Upper
101	100		
103	54.0	32.6	92.6
66	12.4	0.0	42.0

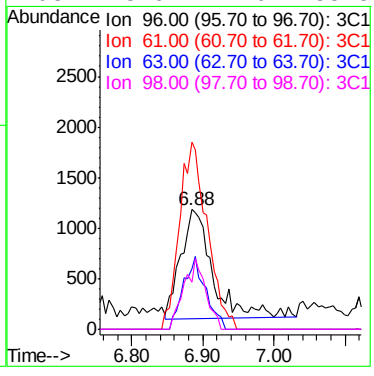


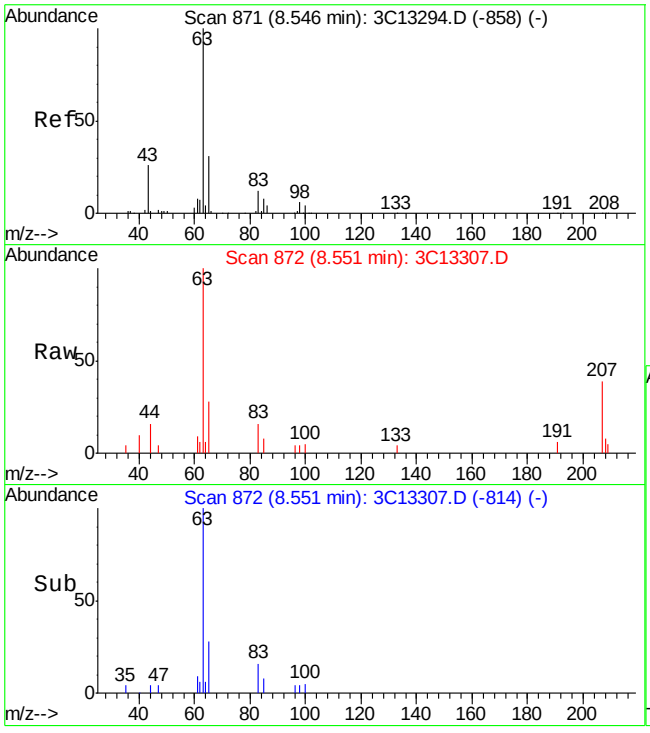


#14
1,1-DICHLOROETHYLENE
Concen: 0.98 PPb
RT: 6.88 min Scan# 554
Delta R.T. 0.00 min
Lab File: 3C13307.D
Acq: 5 May 2006 4:31 pm

Tgt Ion: 96 Resp: 3425

Ion	Ratio	Lower	Upper
96	100		
61	166.7	137.9	256.1
63	56.8	42.1	78.1
98	43.9	44.9	83.5#

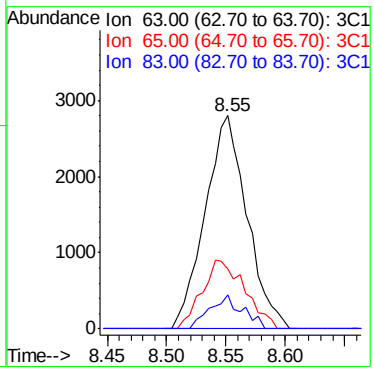


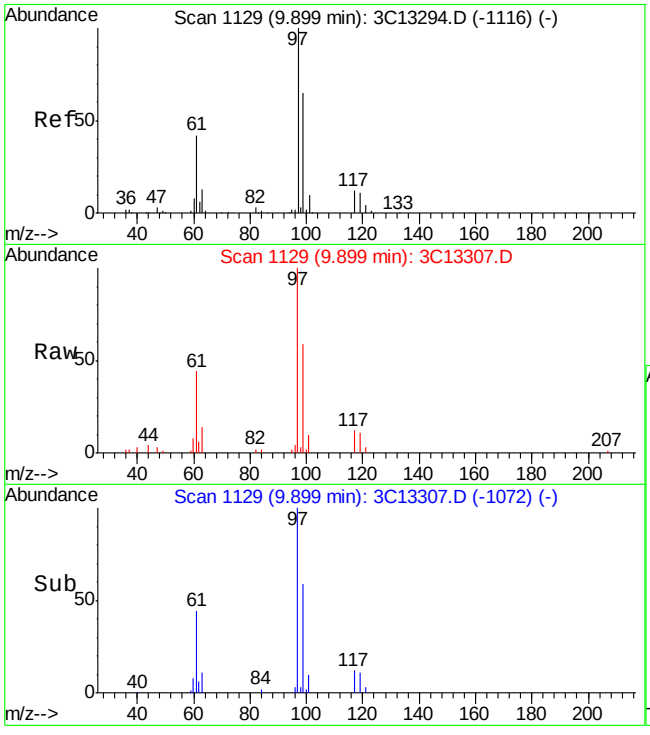


#24
1,1-DICHLOROETHANE
Concen: 0.78 PPb
RT: 8.55 min Scan# 872
Delta R.T. 0.01 min
Lab File: 3C13307.D
Acq: 5 May 2006 4:31 pm

Tgt Ion: 63 Resp: 6884

Ion	Ratio	Lower	Upper
63	100		
65	27.9	0.9	60.9
83	16.1	0.0	42.2

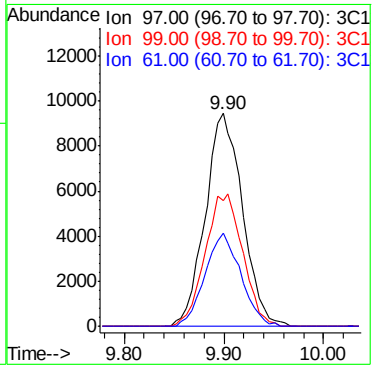


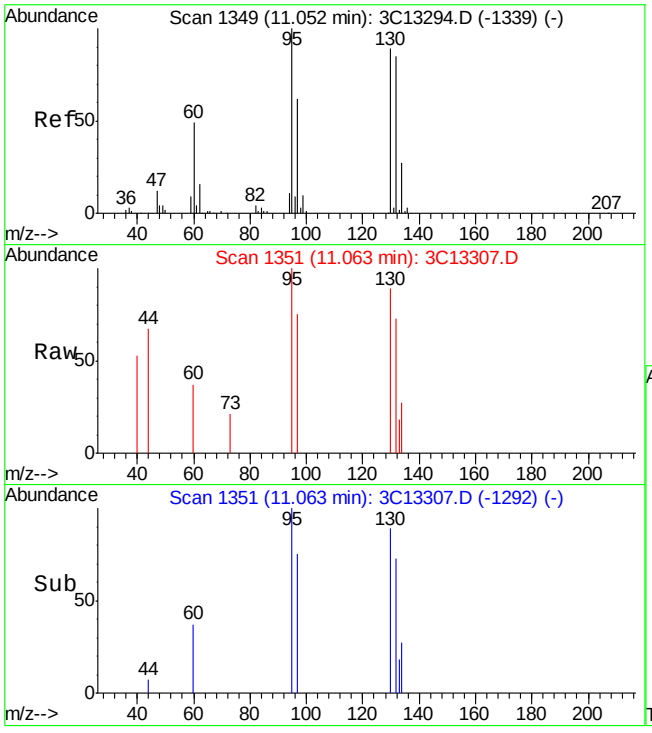


#33
1,1,1-TRICHLOROETHANE
Concen: 3.17 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13307.D
Acq: 5 May 2006 4:31 pm

Tgt Ion: 97 Resp: 24448

Ion	Ratio	Lower	Upper
97	100		
99	59.1	34.7	94.7
61	44.0	11.7	71.7

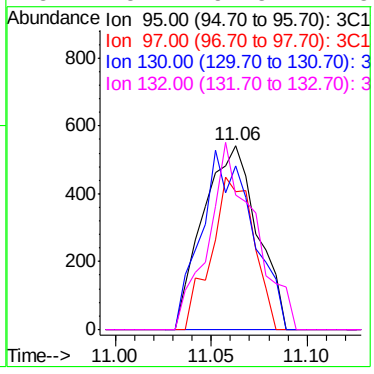




#42
TRICHLOROETHYLENE
Concen: 0.24 PPb
RT: 11.06 min Scan# 1351
Delta R.T. 0.01 min
Lab File: 3C13307.D
Acq: 5 May 2006 4:31 pm

Tgt Ion: 95 Resp: 1063

Ion	Ratio	Lower	Upper
95	100		
97	74.8	32.3	92.3
130	88.8	59.3	119.3
132	73.1	54.8	114.8



6.1.1

6

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13307.D Vial: 16
Acq On : 5 May 2006 4:31 pm Operator: PINGM
Sample : J29228-1 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.242	48	50	57	rBV4	1127	1961	0.17%	0.039%
2	4.441	73	88	89	rBV7	4970	13591	1.16%	0.269%
3	4.834	162	163	168	rBV5	861	1053	0.09%	0.021%
4	5.914	361	369	381	rBV2	5453	15390	1.32%	0.304%
5	6.008	383	387	388	rBV4	2026	2438	0.21%	0.048%
6	6.113	405	407	409	rVB3	1034	857	0.07%	0.017%
7	6.575	490	495	498	rBV3	926	1129	0.10%	0.022%
8	6.685	513	516	518	rBV3	683	775	0.07%	0.015%
9	6.884	546	554	565	rBV3	4768	12866	1.10%	0.254%
10	6.984	570	573	576	rBV2	779	698	0.06%	0.014%
11	7.078	588	591	593	rVB3	686	432	0.04%	0.009%
12	7.230	618	620	623	rBV2	465	429	0.04%	0.008%
13	7.256	623	625	631	rVB5	676	973	0.08%	0.019%
14	7.298	631	633	636	rBV3	701	634	0.05%	0.013%
15	7.560	671	683	707	rBV2	36303	141255	12.08%	2.791%
16	7.922	749	752	757	rBV5	600	539	0.05%	0.011%
17	8.053	775	777	779	rBV3	835	521	0.04%	0.010%
18	8.111	787	788	793	rVV3	579	481	0.04%	0.010%
19	8.158	794	797	800	rVB5	795	754	0.06%	0.015%
20	8.195	801	804	807	rVB3	551	556	0.05%	0.011%
21	8.273	816	819	821	rBV4	697	485	0.04%	0.010%
22	8.326	827	829	832	rVB3	685	657	0.06%	0.013%
23	8.452	851	853	859	rBV4	893	1320	0.11%	0.026%
24	8.551	859	872	889	rVB2	5612	15753	1.35%	0.311%
25	8.682	894	897	899	rVB3	732	566	0.05%	0.011%
26	8.698	899	900	905	rBV3	954	1014	0.09%	0.020%
27	8.882	932	935	938	rBV3	611	697	0.06%	0.014%
28	9.018	948	961	979	rVB4	4274	17066	1.46%	0.337%
29	9.201	991	996	999	rVB4	492	833	0.07%	0.016%
30	9.259	1005	1007	1009	rVB3	857	431	0.04%	0.009%
31	9.317	1015	1018	1022	rVB4	563	762	0.07%	0.015%
32	9.354	1022	1025	1031	rBV4	890	1086	0.09%	0.021%
33	9.443	1039	1042	1046	rVB2	556	513	0.04%	0.010%
34	9.595	1059	1071	1089	rVV2	186862	422056	36.08%	8.340%
35	9.694	1089	1090	1095	rVV3	932	670	0.06%	0.013%
36	9.726	1095	1096	1102	rVB3	498	436	0.04%	0.009%
37	9.899	1118	1129	1138	rBV2	27322	70528	6.03%	1.394%
38	9.967	1138	1142	1151	rVB5	3153	6826	0.58%	0.135%

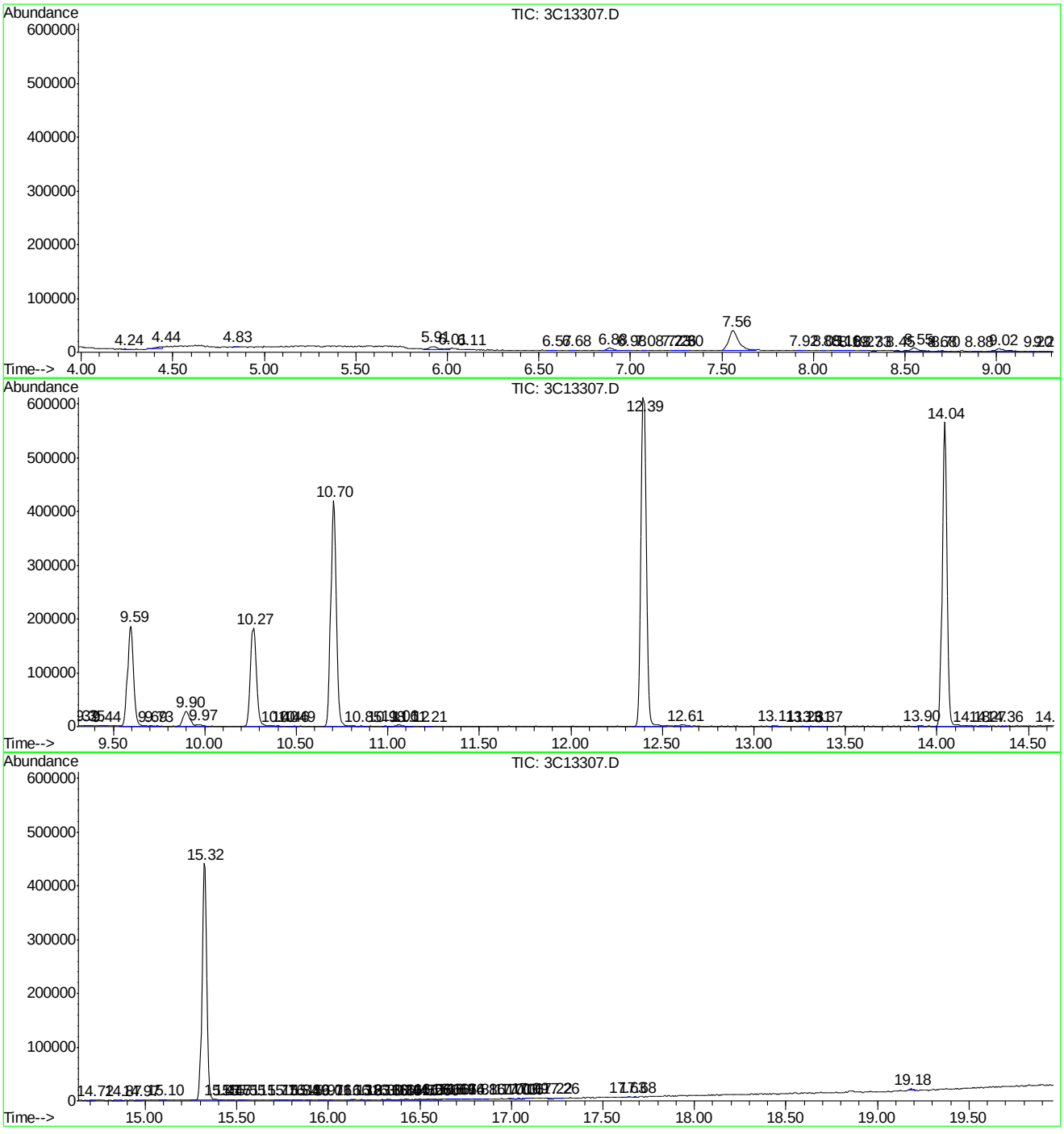
39	10.266	1189	1199	1222	rBV	182648	400293	34.22%	7.910%
40	10.397	1222	1224	1229	rVV2	780	985	0.08%	0.019%
41	10.460	1233	1236	1240	rVV2	278	488	0.04%	0.010%
42	10.491	1241	1242	1246	rVB2	553	455	0.04%	0.009%
43	10.701	1272	1282	1308	rBV	419513	869484	74.33%	17.180%
44	10.853	1308	1311	1316	rVB2	554	570	0.05%	0.011%
45	10.984	1333	1336	1343	rVB3	433	847	0.07%	0.017%
46	11.058	1343	1350	1360	rVB4	2775	5924	0.51%	0.117%
47	11.115	1360	1361	1365	rBV3	451	479	0.04%	0.009%
48	11.215	1376	1380	1385	rBV3	333	571	0.05%	0.011%
49	12.394	1594	1605	1630	rBV	611853	1169792	100.00%	23.114%
50	12.615	1637	1647	1656	rVB4	2526	7403	0.63%	0.146%
51	13.113	1737	1742	1749	rVB3	1826	2282	0.20%	0.045%
52	13.265	1769	1771	1777	rVB3	391	527	0.05%	0.010%
53	13.312	1777	1780	1783	rBV	449	432	0.04%	0.009%
54	13.375	1786	1792	1796	rBV3	355	678	0.06%	0.013%
55	13.904	1887	1893	1899	rBV5	1596	2797	0.24%	0.055%
56	14.041	1905	1919	1943	rBV	565867	1030987	88.13%	20.372%
57	14.177	1943	1945	1949	rVB3	612	443	0.04%	0.009%
58	14.266	1954	1962	1965	rVB6	706	1494	0.13%	0.030%
59	14.361	1978	1980	1983	rBV2	574	518	0.04%	0.010%
60	14.628	2030	2031	2037	rVB3	399	460	0.04%	0.009%
61	14.717	2041	2048	2050	rBV3	761	1069	0.09%	0.021%
62	14.869	2068	2077	2079	rBV3	470	760	0.06%	0.015%
63	14.969	2091	2096	2099	rBV2	392	469	0.04%	0.009%
64	15.100	2116	2121	2123	rBV3	1157	1304	0.11%	0.026%
65	15.320	2149	2163	2180	rBV	441358	783305	66.96%	15.478%
66	15.414	2180	2181	2184	rBV	532	428	0.04%	0.008%
67	15.467	2188	2191	2194	rVB3	1112	906	0.08%	0.018%
68	15.514	2198	2200	2202	rVB2	599	427	0.04%	0.008%
69	15.546	2202	2206	2207	rBV2	834	862	0.07%	0.017%
70	15.713	2236	2238	2245	rVB4	610	769	0.07%	0.015%
71	15.761	2246	2247	2252	rBV2	524	538	0.05%	0.011%
72	15.839	2255	2262	2265	rVB6	714	1157	0.10%	0.023%
73	15.892	2269	2272	2275	rBV3	576	578	0.05%	0.011%
74	15.970	2282	2287	2290	rBV3	636	937	0.08%	0.019%
75	16.012	2293	2295	2297	rBV	656	526	0.04%	0.010%
76	16.128	2313	2317	2318	rBV3	777	589	0.05%	0.012%
77	16.180	2325	2327	2330	rVB2	852	738	0.06%	0.015%
78	16.227	2333	2336	2337	rBV2	542	511	0.04%	0.010%
79	16.295	2348	2349	2352	rBV3	770	469	0.04%	0.009%
80	16.327	2352	2355	2361	rVB5	644	1051	0.09%	0.021%
81	16.395	2361	2368	2371	rBV5	1167	1480	0.13%	0.029%
82	16.437	2371	2376	2378	rVV3	573	823	0.07%	0.016%
83	16.474	2382	2383	2386	rVB3	955	558	0.05%	0.011%
84	16.516	2386	2391	2394	rBV3	1062	1502	0.13%	0.030%
85	16.557	2395	2399	2406	rVB6	1187	2384	0.20%	0.047%
86	16.605	2406	2408	2411	rBV4	725	797	0.07%	0.016%
87	16.657	2415	2418	2424	rVB6	1247	2117	0.18%	0.042%
88	16.694	2424	2425	2430	rBV3	836	1233	0.11%	0.024%
89	16.741	2432	2434	2440	rVV4	790	981	0.08%	0.019%
90	16.809	2444	2447	2452	rVV6	669	1177	0.10%	0.023%
91	16.856	2454	2456	2459	rBV3	958	827	0.07%	0.016%
92	16.998	2481	2483	2487	rBV3	1142	1360	0.12%	0.027%
93	17.035	2487	2490	2494	rBV5	1153	1035	0.09%	0.020%
94	17.061	2494	2495	2497	rBV2	1049	743	0.06%	0.015%
95	17.092	2499	2501	2502	rBV2	1086	865	0.07%	0.017%

96	17.223	2521	2526	2527	rVB5	1063	1323	0.11%	0.026%
97	17.260	2530	2533	2537	rBV4	1058	1546	0.13%	0.031%
98	17.627	2600	2603	2604	rBV3	745	505	0.04%	0.010%
99	17.679	2610	2613	2616	rBV4	1099	1552	0.13%	0.031%
100	19.184	2897	2900	2905	rVB4	3551	3766	0.32%	0.074%

Sum of corrected areas: 5060907

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13307.D
Operator : PINGM
Acquired : 5 May 2006 4:31 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-1
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 16
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 4:31 pm
Data File: C:\MSDCHEM\1\DATA\3C13307.D
Name: J29228-1
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/14/06 16:21

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13309.D Vial: 18
Acq On : 5 May 2006 5:29 pm Operator: PINGM
Sample : J29228-2 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 17:53:00 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

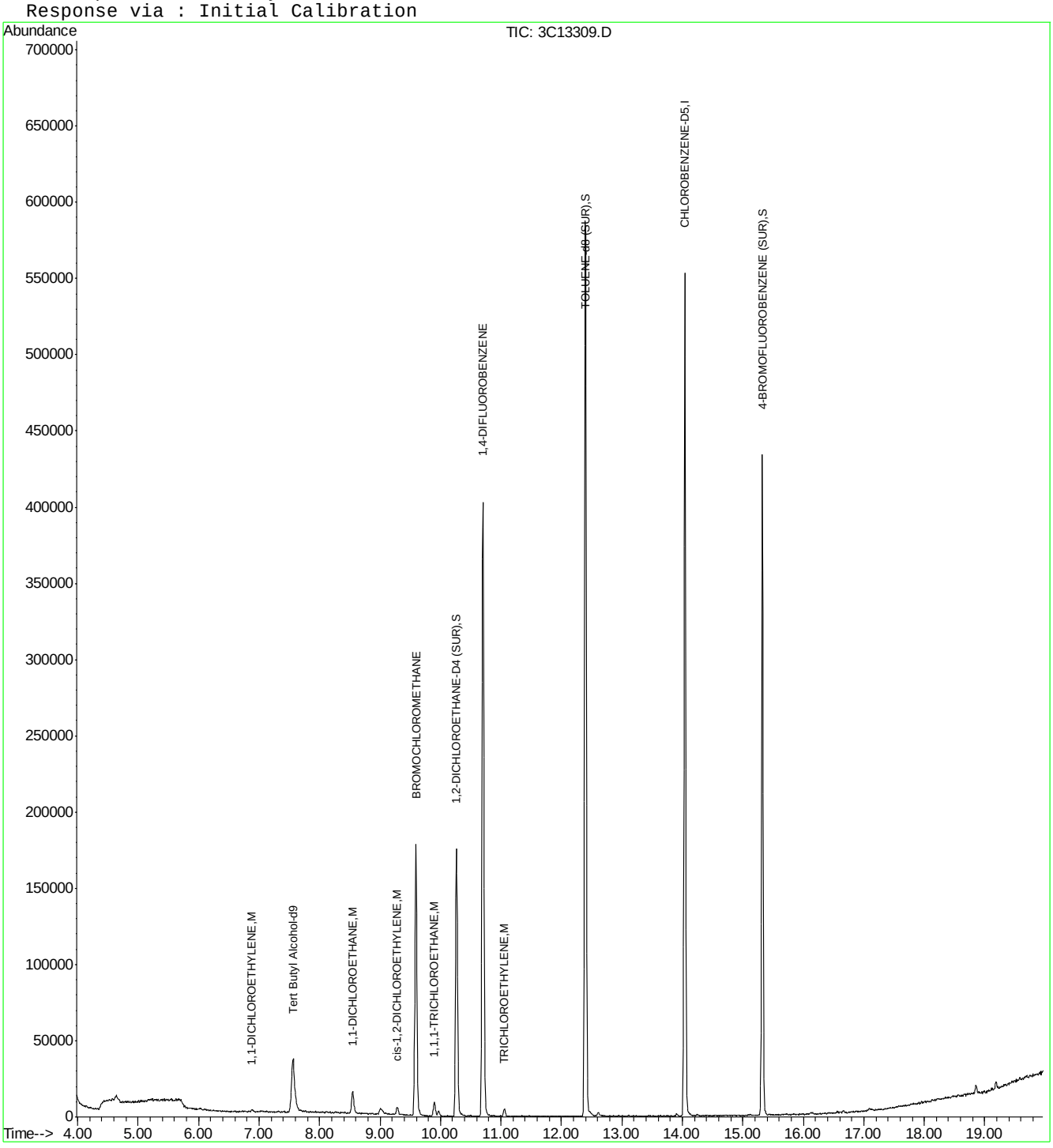
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	70914	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	53703	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	350956	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	313778	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	154707	30.86	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 102.87%						
52) TOLUENE-d8 (SUR)	12.39	98	427607	29.53	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 98.43%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	171299	28.93	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 96.43%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	1837m	0.55	PPb	
24) 1,1-DICHLOROETHANE	8.55	63	19530	2.29	PPb	98
29) cis-1,2-DICHLOROETHYLENE	9.29	96	3136	0.64	PPb	98
33) 1,1,1-TRICHLOROETHANE	9.90	97	7966	1.07	PPb	96
42) TRICHLOROETHYLENE	11.05	95	2096	0.48	PPb	94

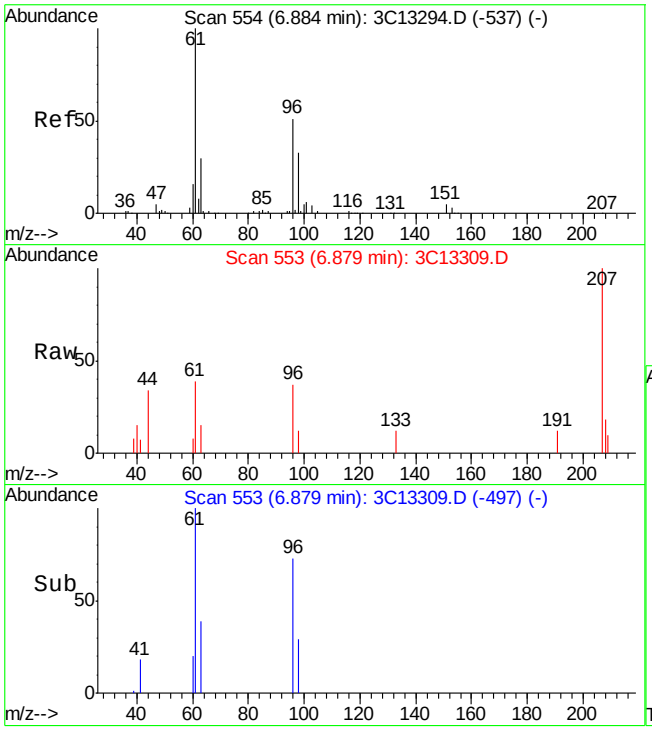
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13309.D Vial: 18
Acq On : 5 May 2006 5:29 pm Operator: PINGM
Sample : J29228-2 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:25 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

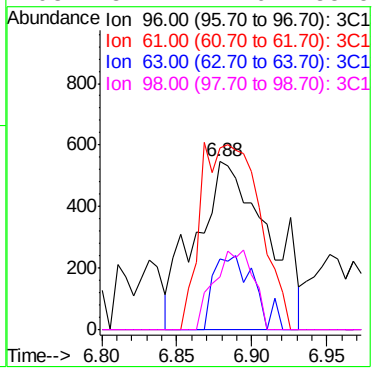


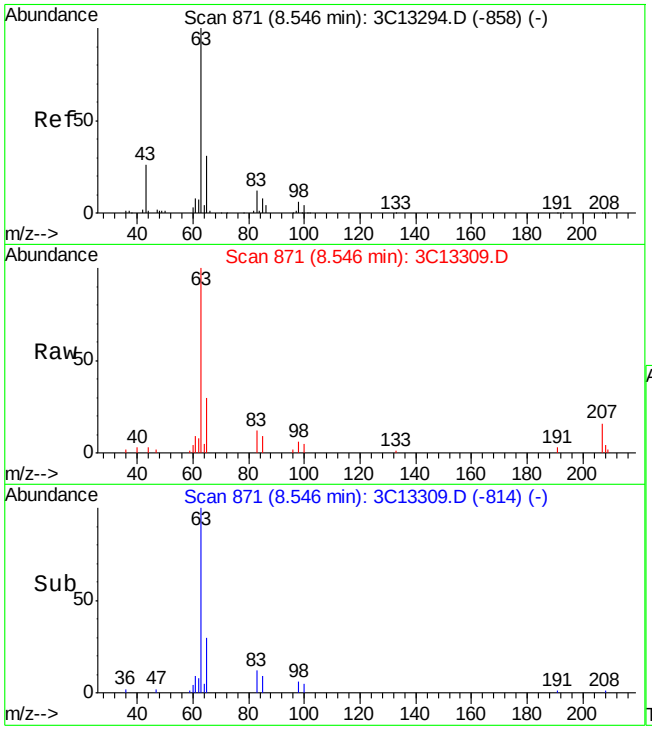


#14
1,1-DICHLOROETHYLENE
Concen: 0.55 PPb m
RT: 6.88 min Scan# 553
Delta R.T. -0.01 min
Lab File: 3C13309.D
Acq: 5 May 2006 5:29 pm

Tgt Ion: 96 Resp: 1837

Ion	Ratio	Lower	Upper
96	100		
61	107.7	137.9	256.1#
63	42.0	42.1	78.1#
98	31.4	44.9	83.5#

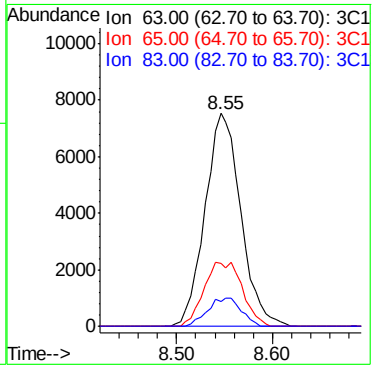


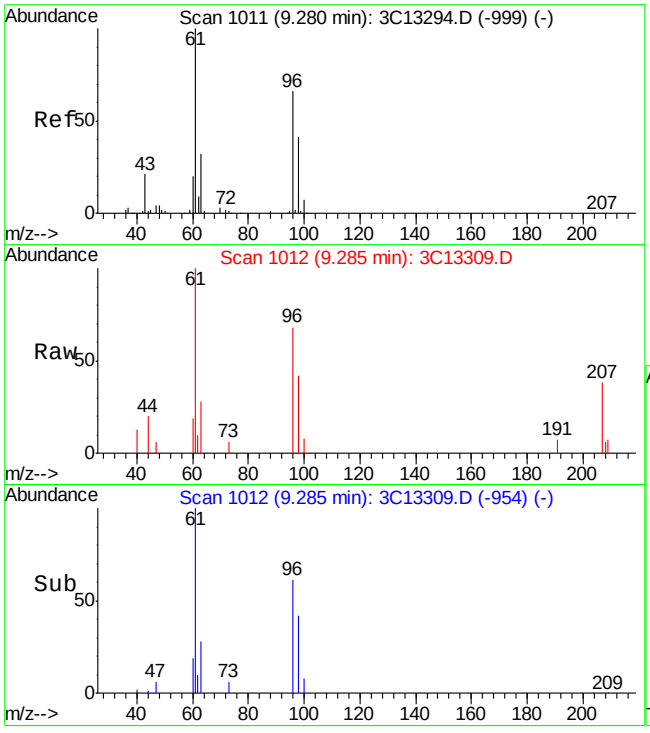


#24
1,1-DICHLOROETHANE
Concen: 2.29 PPb
RT: 8.55 min Scan# 871
Delta R.T. -0.00 min
Lab File: 3C13309.D
Acq: 5 May 2006 5:29 pm

Tgt Ion: 63 Resp: 19530

Ion	Ratio	Lower	Upper
63	100		
65	29.7	0.9	60.9
83	11.5	0.0	42.2

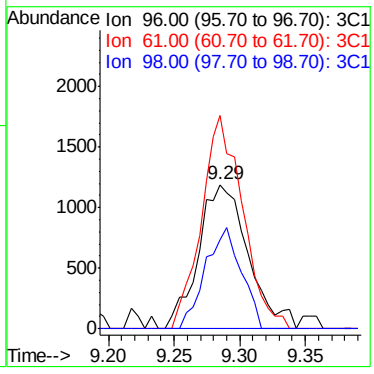


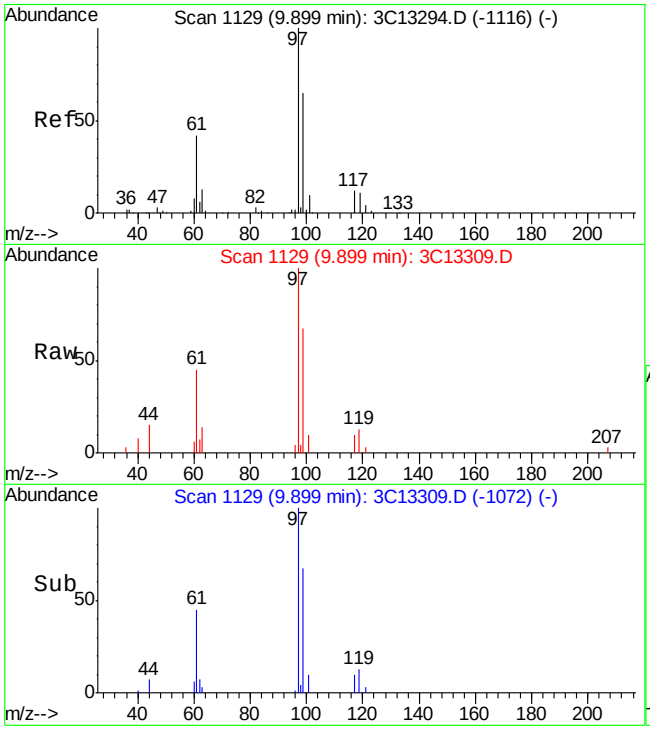


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.64 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13309.D
Acq: 5 May 2006 5:29 pm

Tgt Ion: 96 Resp: 3136

Ion	Ratio	Lower	Upper
96	100		
61	147.8	121.3	181.3
98	61.8	32.7	92.7

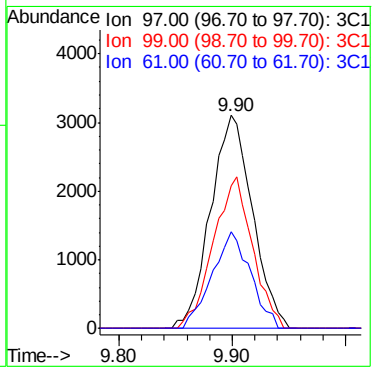


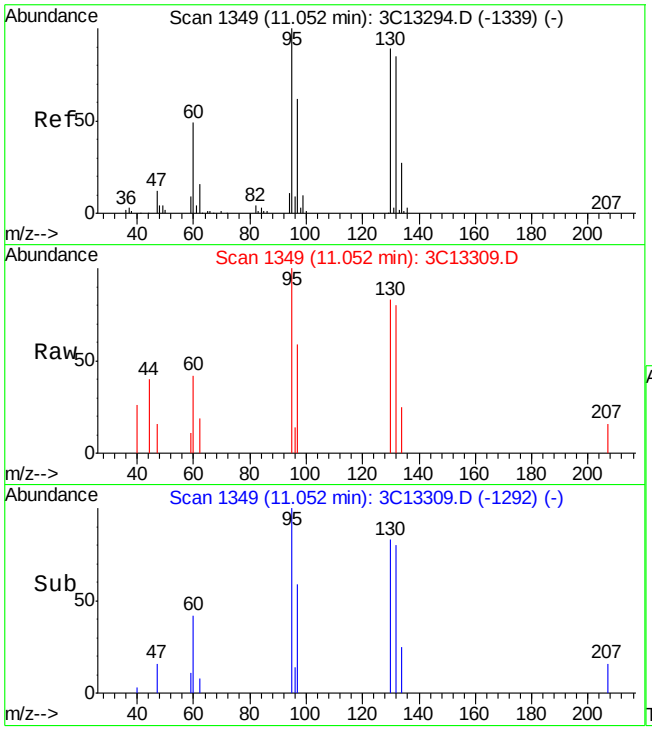


#33
1,1,1-TRICHLOROETHANE
Concen: 1.07 PPb
RT: 9.90 min Scan# 1129
Delta R.T. -0.00 min
Lab File: 3C13309.D
Acq: 5 May 2006 5:29 pm

Tgt Ion: 97 Resp: 7966

Ion	Ratio	Lower	Upper
97	100		
99	66.9	34.7	94.7
61	45.3	11.7	71.7

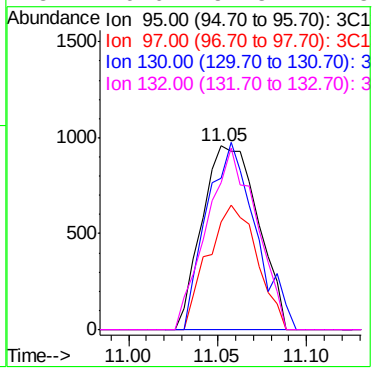




#42
TRICHLOROETHYLENE
Concen: 0.48 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13309.D
Acq: 5 May 2006 5:29 pm

Tgt Ion: 95 Resp: 2096

Ion	Ratio	Lower	Upper
95	100		
97	58.8	32.3	92.3
130	82.5	59.3	119.3
132	79.9	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13309.D Vial: 18
Acq On : 5 May 2006 5:29 pm Operator: PINGM
Sample : J29228-2 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.435	72	87	89	rBV9	6110	20694	1.81%	0.420%
2	6.548	487	490	491	rBV3	803	642	0.06%	0.013%
3	6.637	505	507	512	rVB4	635	835	0.07%	0.017%
4	6.674	512	514	517	rBV3	717	639	0.06%	0.013%
5	6.716	521	522	527	rVV3	562	468	0.04%	0.010%
6	6.831	543	544	546	rBV2	755	472	0.04%	0.010%
7	6.879	549	553	564	rVB7	1674	4509	0.39%	0.092%
8	7.157	604	606	612	rVB3	778	826	0.07%	0.017%
9	7.193	612	613	616	rBV3	584	604	0.05%	0.012%
10	7.303	631	634	636	rBV3	703	710	0.06%	0.014%
11	7.419	650	656	658	rVB6	858	1155	0.10%	0.023%
12	7.565	670	684	704	rBV2	34996	137146	11.98%	2.787%
13	7.759	720	721	727	rVB4	1168	1714	0.15%	0.035%
14	7.938	753	755	756	rBV2	937	528	0.05%	0.011%
15	8.048	772	776	777	rVB3	555	544	0.05%	0.011%
16	8.200	803	805	811	rBV4	670	1142	0.10%	0.023%
17	8.242	811	813	815	rBV2	674	481	0.04%	0.010%
18	8.263	815	817	820	rVV3	593	630	0.06%	0.013%
19	8.347	832	833	836	rBV2	838	728	0.06%	0.015%
20	8.420	845	847	853	rVB3	843	666	0.06%	0.014%
21	8.546	862	871	888	rVB2	14910	41297	3.61%	0.839%
22	8.698	898	900	902	rBV3	677	643	0.06%	0.013%
23	8.824	923	924	929	rVB3	568	563	0.05%	0.011%
24	8.965	946	951	952	rBV3	564	732	0.06%	0.015%
25	9.007	952	959	973	rBV3	3858	13593	1.19%	0.276%
26	9.133	982	983	988	rVB2	796	1030	0.09%	0.021%
27	9.285	1004	1012	1022	rVB3	5048	10807	0.94%	0.220%
28	9.416	1034	1037	1040	rBV2	606	698	0.06%	0.014%
29	9.442	1040	1042	1046	rVV2	612	722	0.06%	0.015%
30	9.500	1050	1053	1059	rVV3	586	833	0.07%	0.017%
31	9.595	1059	1071	1091	rVV	178293	414618	36.22%	8.425%
32	9.705	1091	1092	1100	rVB2	494	701	0.06%	0.014%
33	9.899	1116	1129	1137	rBV3	8976	22099	1.93%	0.449%
34	9.972	1137	1143	1152	rVB6	3294	7666	0.67%	0.156%
35	10.266	1186	1199	1214	rBV	175298	391024	34.16%	7.945%
36	10.391	1222	1223	1227	rVB3	473	471	0.04%	0.010%
37	10.502	1238	1244	1248	rVB3	730	881	0.08%	0.018%
38	10.701	1271	1282	1301	rVV	402706	848121	74.09%	17.233%

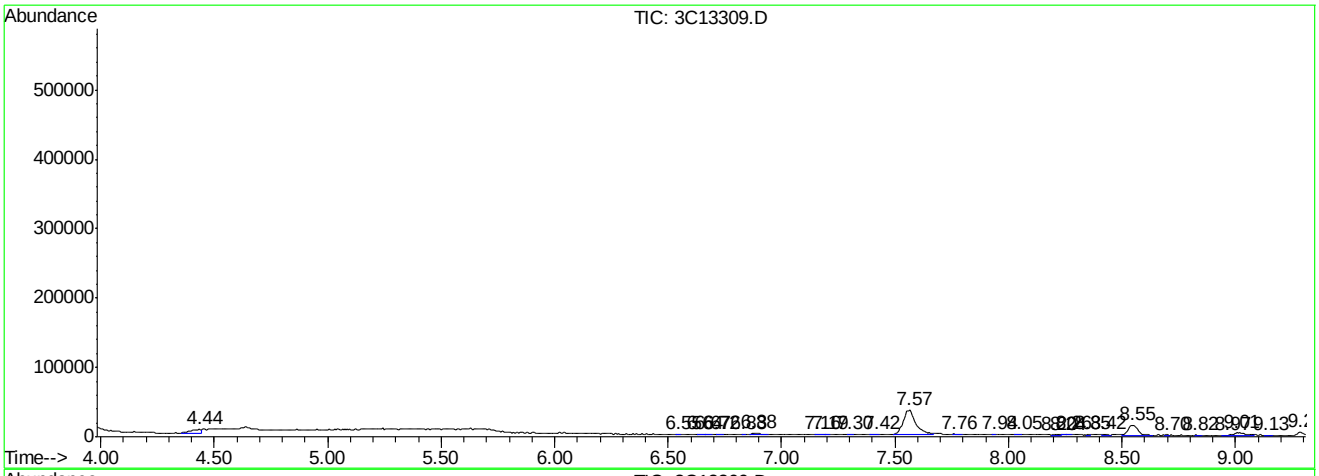
39	11.057	1343	1350	1358	rVB5	4913	10557	0.92%	0.215%
40	11.115	1358	1361	1364	rBV2	332	478	0.04%	0.010%
41	11.215	1373	1380	1385	rBV2	384	757	0.07%	0.015%
42	11.739	1476	1480	1484	rVB2	447	547	0.05%	0.011%
43	11.770	1484	1486	1490	rBV2	395	579	0.05%	0.012%
44	11.828	1494	1497	1504	rVB3	373	668	0.06%	0.014%
45	12.394	1595	1605	1630	rBV	587696	1144791	100.00%	23.261%
46	12.609	1638	1646	1658	rVV4	2047	5368	0.47%	0.109%
47	12.677	1658	1659	1665	rVB3	379	545	0.05%	0.011%
48	12.798	1681	1682	1688	rVB	611	728	0.06%	0.015%
49	12.950	1706	1711	1714	rBV3	508	796	0.07%	0.016%
50	13.008	1720	1722	1727	rVB	454	608	0.05%	0.012%
51	13.113	1736	1742	1746	rVB4	849	1323	0.12%	0.027%
52	13.474	1807	1811	1815	rVV3	375	490	0.04%	0.010%
53	13.637	1837	1842	1849	rVB2	454	724	0.06%	0.015%
54	13.904	1889	1893	1902	rVB4	1959	3169	0.28%	0.064%
55	14.041	1907	1919	1944	rVV	552934	1000518	87.40%	20.330%
56	14.187	1944	1947	1949	rVB3	540	574	0.05%	0.012%
57	14.250	1953	1959	1965	rBV2	1124	1942	0.17%	0.039%
58	14.402	1986	1988	1994	rBV3	319	539	0.05%	0.011%
59	14.712	2042	2047	2048	rBV2	487	564	0.05%	0.011%
60	14.759	2054	2056	2062	rVB3	379	601	0.05%	0.012%
61	14.817	2062	2067	2069	rBV3	433	579	0.05%	0.012%
62	14.942	2085	2091	2093	rVV2	455	592	0.05%	0.012%
63	14.984	2096	2099	2102	rVB2	615	621	0.05%	0.013%
64	15.037	2107	2109	2115	rBV4	390	649	0.06%	0.013%
65	15.089	2115	2119	2120	rBV2	811	775	0.07%	0.016%
66	15.121	2121	2125	2129	rVB4	874	1333	0.12%	0.027%
67	15.236	2141	2147	2150	rBV3	444	689	0.06%	0.014%
68	15.320	2155	2163	2180	rBV	433463	760278	66.41%	15.448%
69	15.420	2181	2182	2185	rBV3	654	488	0.04%	0.010%
70	15.635	2220	2223	2229	rBV3	412	609	0.05%	0.012%
71	15.724	2235	2240	2246	rVB6	779	1306	0.11%	0.027%
72	15.771	2246	2249	2252	rVB3	542	571	0.05%	0.012%
73	15.823	2252	2259	2260	rBV3	526	710	0.06%	0.014%
74	15.839	2260	2262	2266	rBV2	622	575	0.05%	0.012%
75	15.912	2271	2276	2277	rVB2	633	842	0.07%	0.017%
76	15.939	2277	2281	2283	rBV3	1094	1066	0.09%	0.022%
77	15.981	2286	2289	2291	rBV2	739	518	0.05%	0.011%
78	16.002	2291	2293	2296	rVB2	781	732	0.06%	0.015%
79	16.028	2296	2298	2301	rBV2	539	600	0.05%	0.012%
80	16.127	2312	2317	2320	rBV4	1439	2204	0.19%	0.045%
81	16.206	2330	2332	2334	rBV2	810	520	0.05%	0.011%
82	16.243	2334	2339	2340	rBV3	991	808	0.07%	0.016%
83	16.316	2351	2353	2355	rBV2	591	562	0.05%	0.011%
84	16.363	2357	2362	2366	rVB6	654	1160	0.10%	0.024%
85	16.405	2366	2370	2372	rBV2	602	615	0.05%	0.012%
86	16.426	2372	2374	2376	rBV3	736	632	0.06%	0.013%
87	16.479	2383	2384	2386	rBV	908	470	0.04%	0.010%
88	16.505	2386	2389	2391	rVV2	873	746	0.07%	0.015%
89	16.526	2391	2393	2394	rVV	680	512	0.04%	0.010%
90	16.563	2397	2400	2406	rVB6	1488	2201	0.19%	0.045%
91	16.610	2406	2409	2412	rBV3	902	834	0.07%	0.017%
92	16.667	2412	2420	2425	rBV9	1361	3246	0.28%	0.066%
93	16.746	2432	2435	2437	rBV3	1066	1335	0.12%	0.027%
94	16.825	2449	2450	2454	rVB4	782	702	0.06%	0.014%
95	16.956	2474	2475	2478	rBV3	674	582	0.05%	0.012%

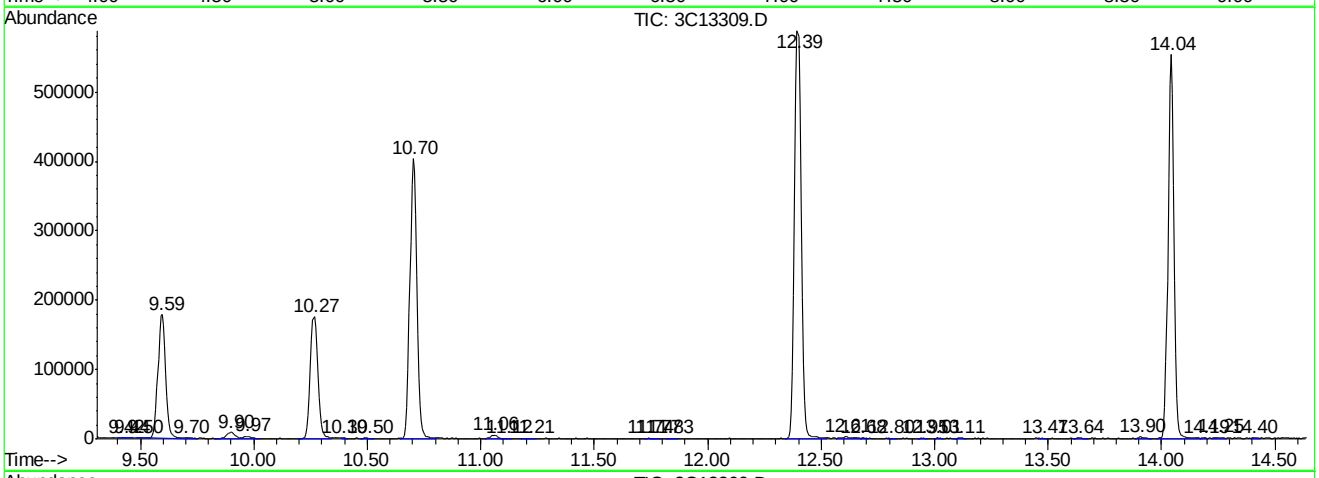
96	17.087	2495	2500	2506	rBV8	1444	2690	0.23%	0.055%
97	17.197	2520	2521	2525	rVB3	848	736	0.06%	0.015%
98	17.580	2591	2594	2597	rBV5	1373	1757	0.15%	0.036%
99	18.854	2832	2837	2844	rBV5	5494	10190	0.89%	0.207%
100	19.184	2896	2900	2905	rBV4	4199	6907	0.60%	0.140%

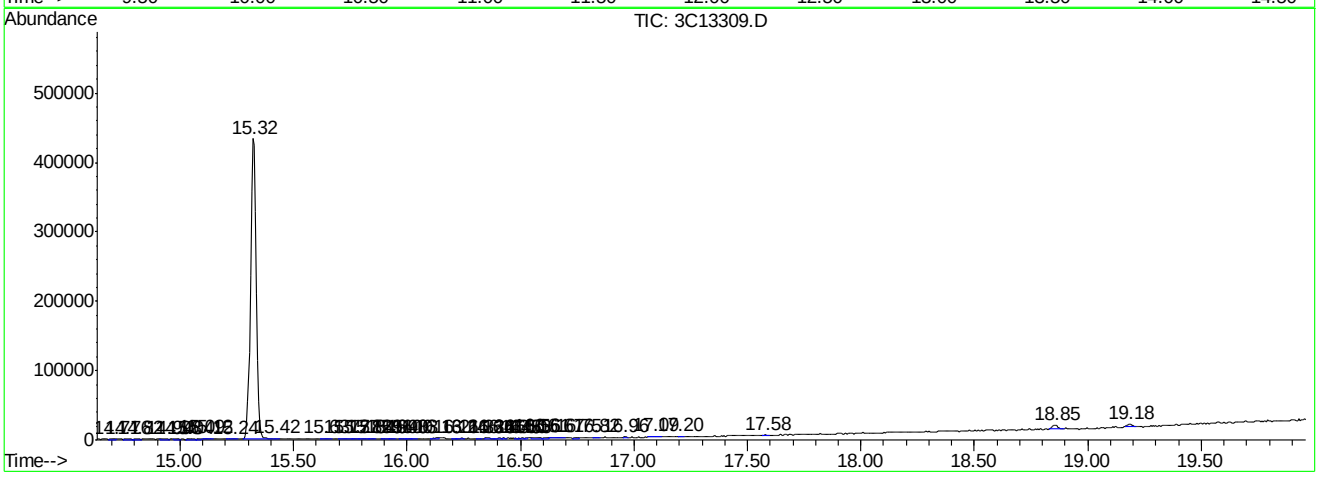
Sum of corrected areas: 4921440

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13309.D
Operator : PINGM
Acquired : 5 May 2006 5:29 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-2
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 18
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 5:29 pm
Data File: C:\MSDCHEM\1\DATA\3C13309.D
Name: J29228-2
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13311.D Vial: 20
Acq On : 5 May 2006 6:27 pm Operator: PINGM
Sample : J29228-3 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 18:51:06 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	66310	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	50487	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	324609	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	292372	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	148223	31.45	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 104.83%			
52) TOLUENE-d8 (SUR)	12.39	98	397589	29.68	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.93%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	159720	28.95	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 96.50%			

Target Compounds

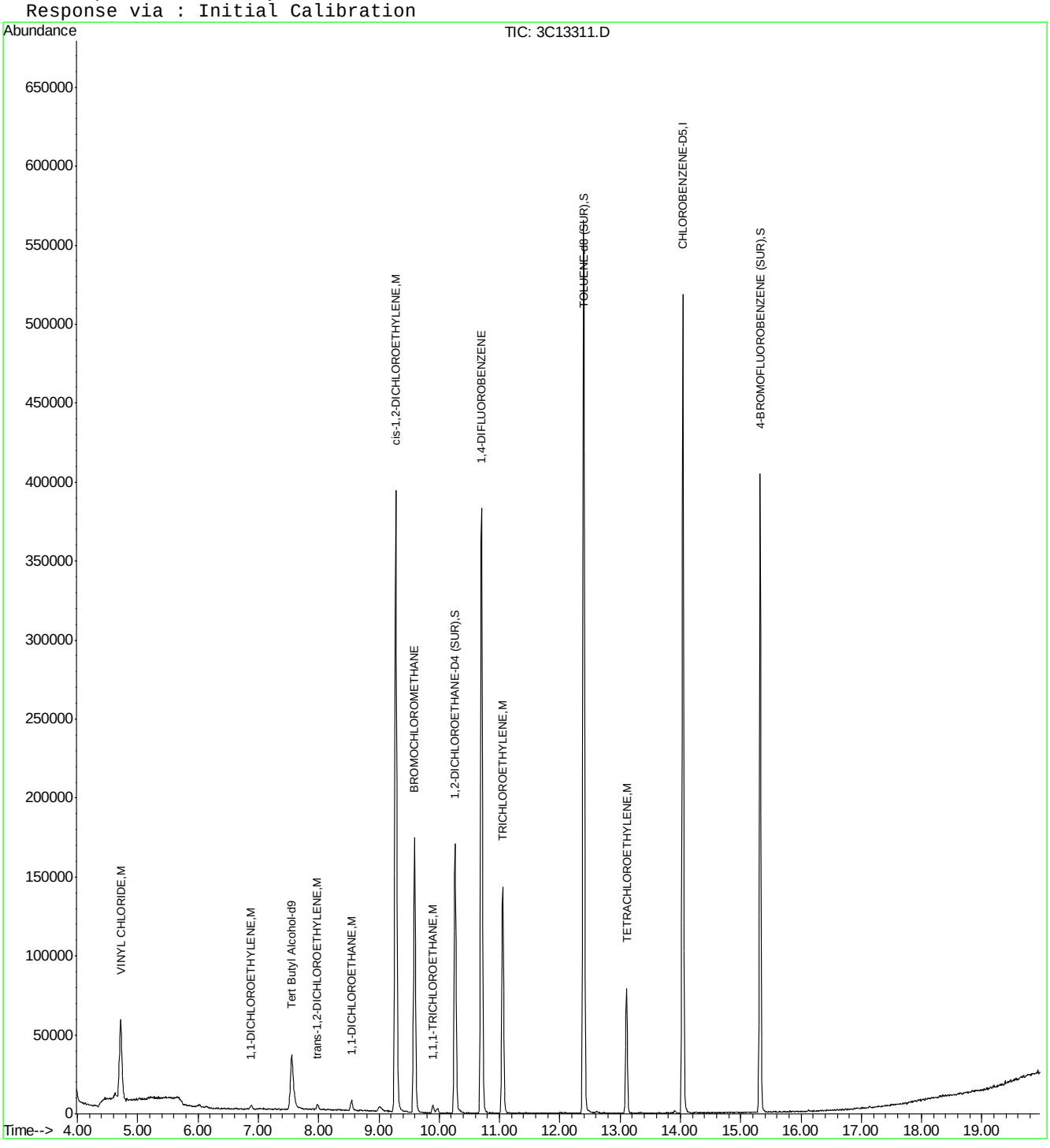
							Qvalue
7) VINYL CHLORIDE	4.72	62	94123	18.85	PPb		100
14) 1,1-DICHLOROETHYLENE	6.89	96	2277	0.72	PPb	#	72
22) trans-1,2-DICHLOROETHYLENE	7.98	96	3405	0.86	PPb		94
24) 1,1-DICHLOROETHANE	8.55	63	8690	1.08	PPb		96
29) cis-1,2-DICHLOROETHYLENE	9.28	96	195324	42.72	PPb		97
33) 1,1,1-TRICHLOROETHANE	9.89	97	4493	0.64	PPb		94
42) TRICHLOROETHYLENE	11.05	95	55954	13.90	PPb		97
55) TETRACHLOROETHYLENE	13.11	164	18481	6.67	PPb		96

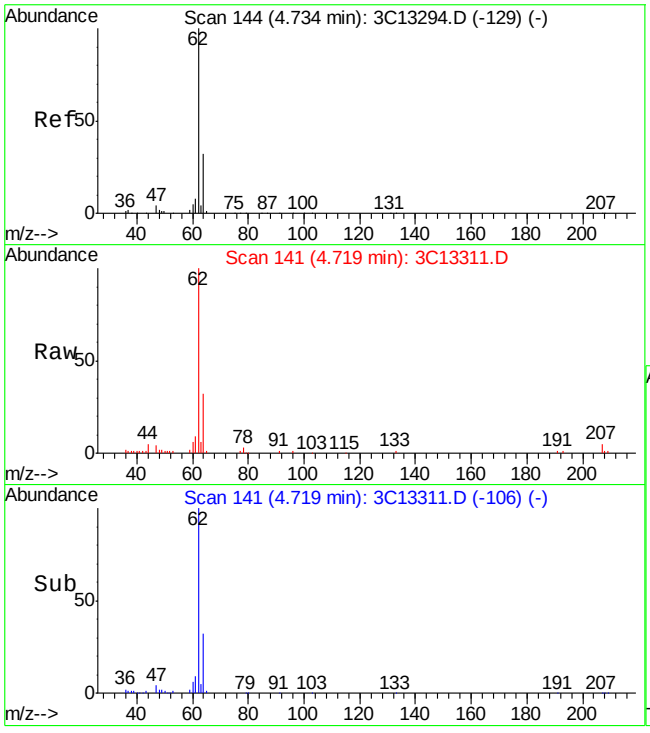
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13311.D Vial: 20
Acq On : 5 May 2006 6:27 pm Operator: PINGM
Sample : J29228-3 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:27 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

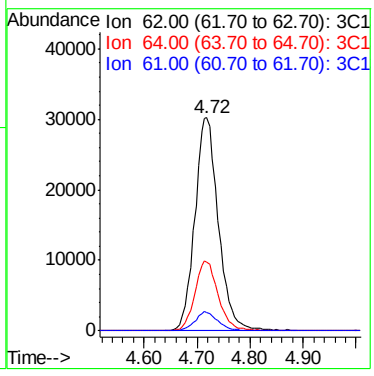


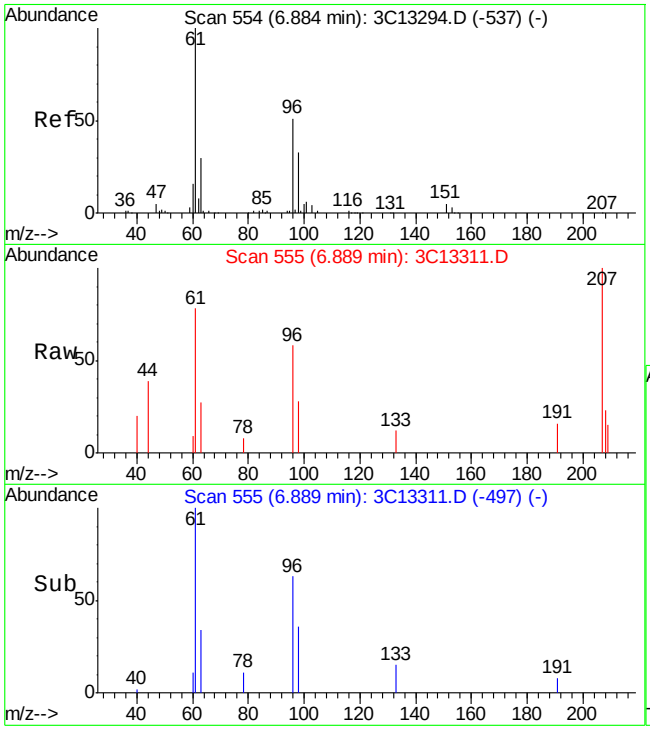


#7
VINYL CHLORIDE
Concen: 18.85 PPb
RT: 4.72 min Scan# 141
Delta R.T. -0.02 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 62 Resp: 94123

Ion	Ratio	Lower	Upper
62	100		
64	32.3	2.1	62.1
61	8.6	0.0	38.4

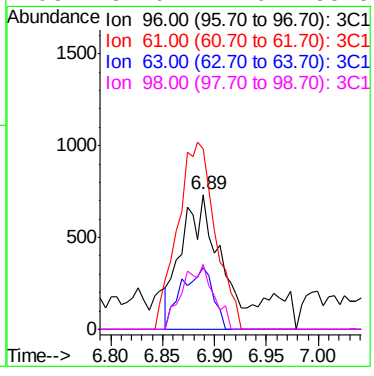


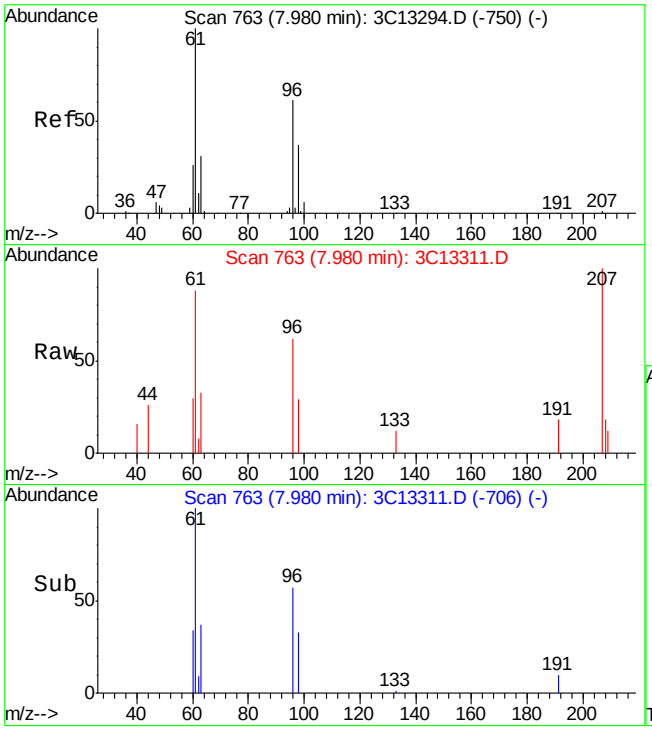


#14
1,1-DICHLOROETHYLENE
Concen: 0.72 PPb
RT: 6.89 min Scan# 555
Delta R.T. 0.01 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 96 Resp: 2277

Ion	Ratio	Lower	Upper
96	100		
61	135.8	137.9	256.1#
63	53.8	42.1	78.1
98	57.0	44.9	83.5

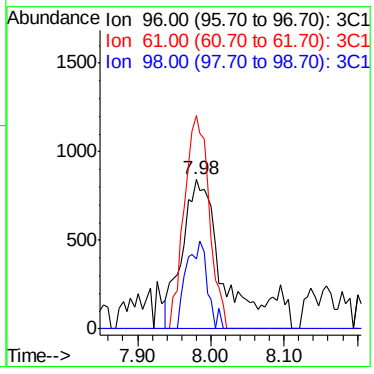


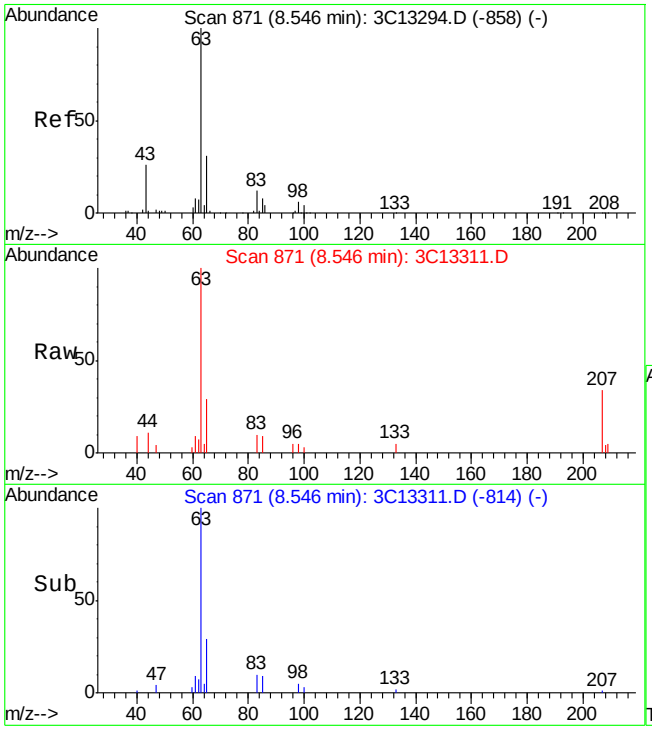


#22
trans-1,2-DICHLOROETHYLENE
Concen: 0.86 PPb
RT: 7.98 min Scan# 763
Delta R.T. 0.00 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 96 Resp: 3405

Ion	Ratio	Lower	Upper
96	100		
61	157.7	132.8	192.8
98	51.7	29.9	89.9

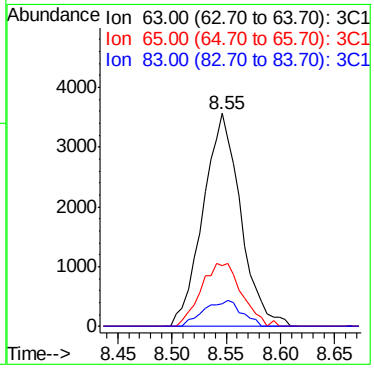


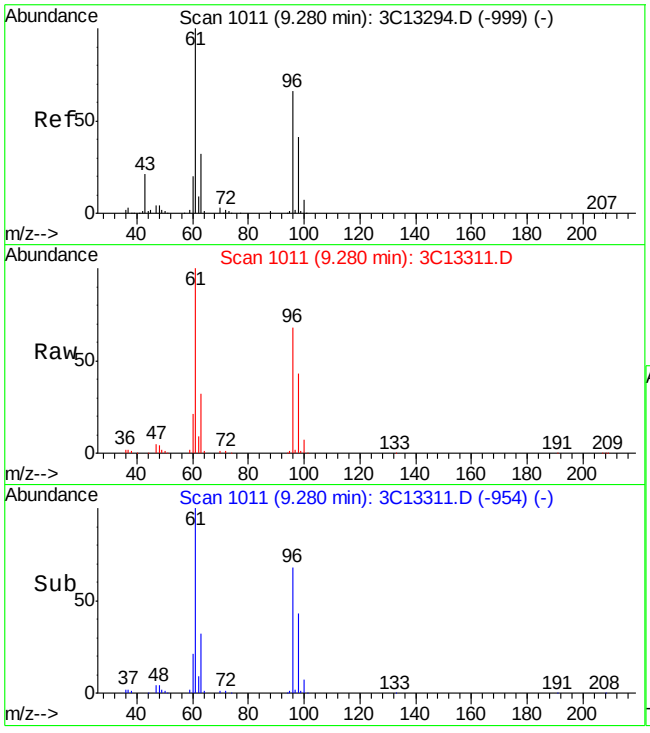


#24
1,1-DICHLOROETHANE
Concen: 1.08 PPb
RT: 8.55 min Scan# 871
Delta R.T. 0.00 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 63 Resp: 8690

Ion	Ratio	Lower	Upper
63	100		
65	28.6	0.9	60.9
83	10.4	0.0	42.2

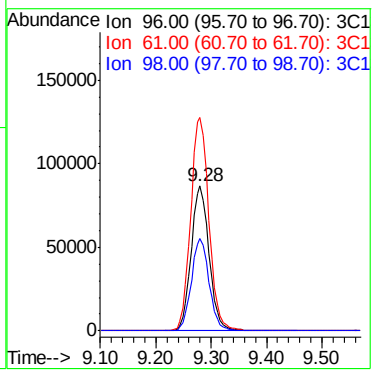


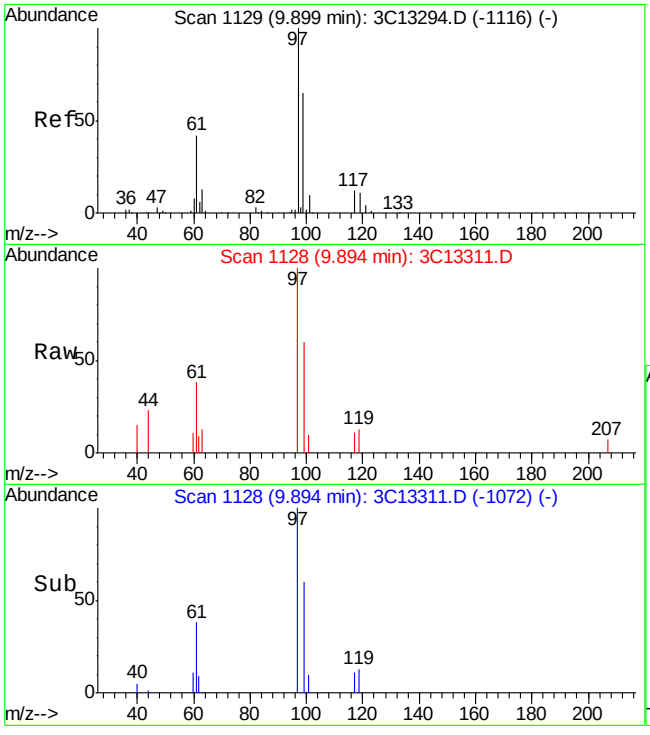


#29
cis-1,2-DICHLOROETHYLENE
Concen: 42.72 PPb
RT: 9.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 96 Resp: 195324

Ion	Ratio	Lower	Upper
96	100		
61	147.3	121.3	181.3
98	63.9	32.7	92.7

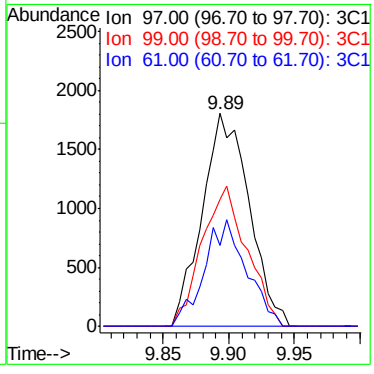


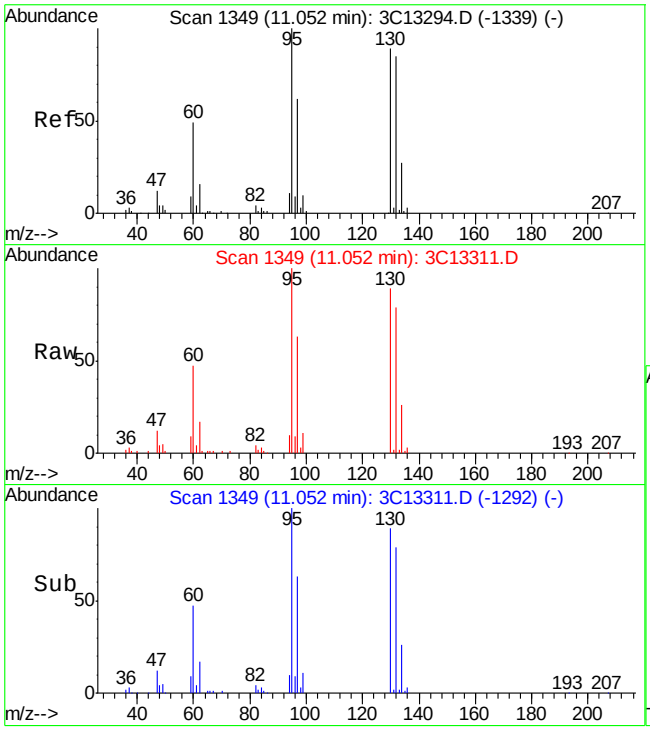


#33
1,1,1-TRICHLOROETHANE
Concen: 0.64 PPb
RT: 9.89 min Scan# 1128
Delta R.T. -0.01 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 97 Resp: 4493

Ion	Ratio	Lower	Upper
97	100		
99	59.5	34.7	94.7
61	38.3	11.7	71.7

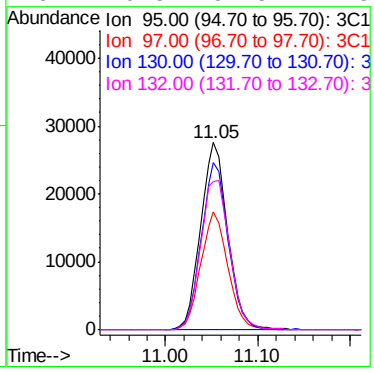


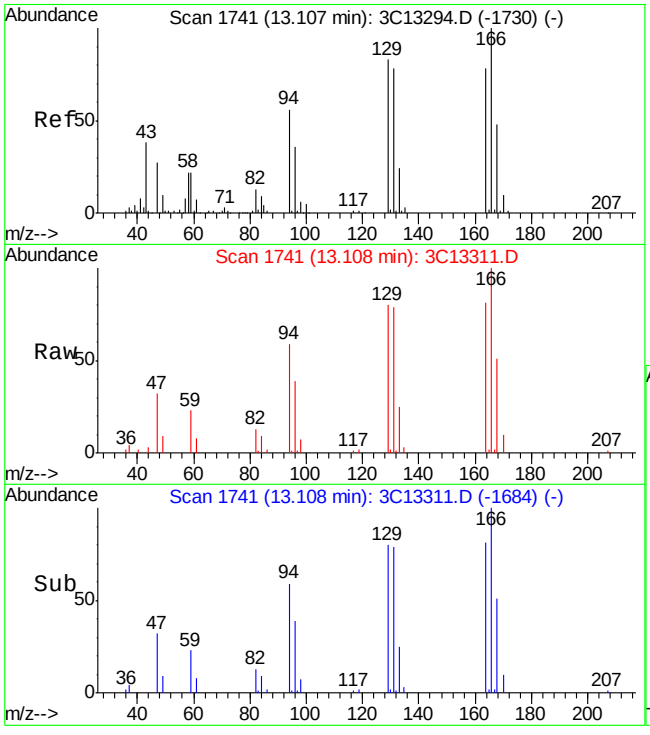


#42
TRICHLOROETHYLENE
Concen: 13.90 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion: 95 Resp: 55954

Ion	Ratio	Lower	Upper
95	100		
97	63.2	32.3	92.3
130	88.9	59.3	119.3
132	79.3	54.8	114.8

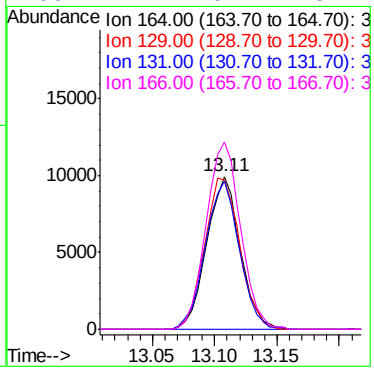




#55
TETRACHLOROETHYLENE
Concen: 6.67 PPb
RT: 13.11 min Scan# 1741
Delta R.T. 0.00 min
Lab File: 3C13311.D
Acq: 5 May 2006 6:27 pm

Tgt Ion:164 Resp: 18481

Ion	Ratio	Lower	Upper
164	100		
129	98.1	75.4	135.4
131	97.4	69.3	129.3
166	122.7	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13311.D Vial: 20
Acq On : 5 May 2006 6:27 pm Operator: PINGM
Sample : J29228-3 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

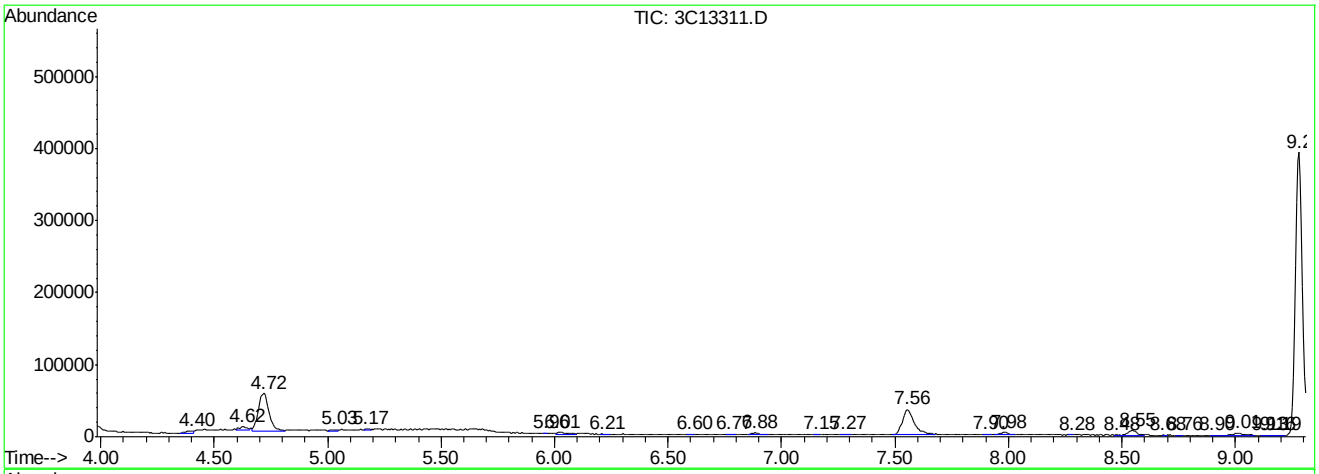
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.404	71	81	82	rBV6	3730	7551	0.71%	0.124%
2	4.624	118	123	129	rBV5	3332	8274	0.77%	0.136%
3	4.719	131	141	158	rVB	51965	162412	15.16%	2.675%
4	5.028	195	200	204	rBV7	1541	3213	0.30%	0.053%
5	5.170	225	227	231	rBV4	1184	1825	0.17%	0.030%
6	5.961	376	378	379	rBV2	847	440	0.04%	0.007%
7	6.014	386	388	403	rVB7	2217	5595	0.52%	0.092%
8	6.208	424	425	432	rBV4	663	677	0.06%	0.011%
9	6.596	497	499	502	rBV2	543	667	0.06%	0.011%
10	6.769	530	532	537	rBV4	563	604	0.06%	0.010%
11	6.884	548	554	564	rVB4	2778	6499	0.61%	0.107%
12	7.151	603	605	608	rBV3	643	643	0.06%	0.011%
13	7.272	626	628	634	rVB4	613	694	0.06%	0.011%
14	7.555	669	682	705	rBV	34885	128812	12.03%	2.122%
15	7.901	745	748	752	rVB4	913	1401	0.13%	0.023%
16	7.980	755	763	772	rVB4	3396	8623	0.81%	0.142%
17	8.279	817	820	821	rBV2	591	477	0.04%	0.008%
18	8.478	856	858	862	rBV4	427	578	0.05%	0.010%
19	8.546	862	871	881	rVV2	6834	16180	1.51%	0.267%
20	8.682	896	897	900	rBV	995	798	0.07%	0.013%
21	8.756	907	911	913	rBV4	427	493	0.05%	0.008%
22	8.897	937	938	946	rVB5	424	691	0.06%	0.011%
23	9.013	947	960	973	rBV3	3095	12073	1.13%	0.199%
24	9.128	979	982	987	rVB4	914	1713	0.16%	0.028%
25	9.165	987	989	991	rBV3	751	610	0.06%	0.010%
26	9.191	991	994	999	rVB2	613	916	0.09%	0.015%
27	9.280	999	1011	1034	rBV	393641	893354	83.41%	14.716%
28	9.464	1044	1046	1054	rVB3	699	1181	0.11%	0.019%
29	9.589	1056	1070	1090	rBV2	174280	392775	36.67%	6.470%
30	9.804	1108	1111	1115	rBV3	332	547	0.05%	0.009%
31	9.894	1119	1128	1136	rVV2	5046	12379	1.16%	0.204%
32	9.972	1136	1143	1153	rVB6	2959	7905	0.74%	0.130%
33	10.114	1162	1170	1171	rVB2	363	543	0.05%	0.009%
34	10.261	1187	1198	1222	rBV	170403	378111	35.30%	6.229%
35	10.392	1222	1223	1228	rVB2	557	491	0.05%	0.008%
36	10.701	1270	1282	1304	rBV	383222	797481	74.46%	13.137%
37	11.052	1333	1349	1363	rBV	143481	296421	27.68%	4.883%
38	11.267	1388	1390	1396	rVB	372	584	0.05%	0.010%

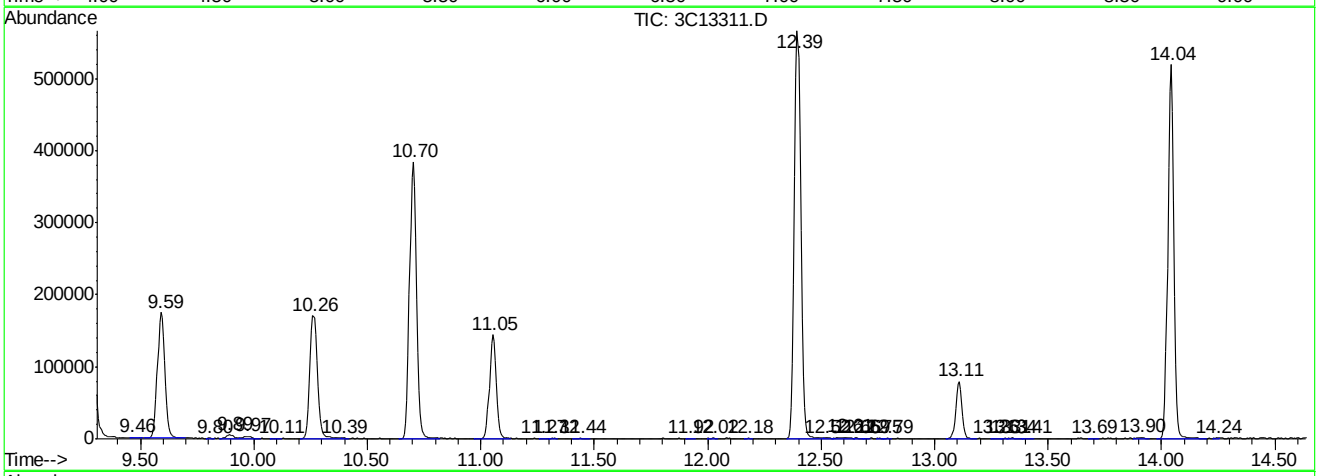
39	11.325	1396	1401	1403	rBV3	458	569	0.05%	0.009%
40	11.440	1416	1423	1430	rBV2	439	857	0.08%	0.014%
41	11.917	1511	1514	1519	rBV3	301	402	0.04%	0.007%
42	12.022	1529	1534	1538	rBV3	469	663	0.06%	0.011%
43	12.180	1560	1564	1567	rBV3	387	502	0.05%	0.008%
44	12.394	1596	1605	1627	rBV	565722	1071001	100.00%	17.643%
45	12.520	1627	1629	1635	rVV2	615	1082	0.10%	0.018%
46	12.615	1635	1647	1653	rVV2	1262	3493	0.33%	0.058%
47	12.651	1653	1654	1660	rVB2	450	631	0.06%	0.010%
48	12.693	1660	1662	1666	rBV3	298	441	0.04%	0.007%
49	12.746	1671	1672	1677	rVB2	507	560	0.05%	0.009%
50	12.793	1677	1681	1684	rBV	398	468	0.04%	0.008%
51	13.108	1730	1741	1755	rVB	79228	152821	14.27%	2.517%
52	13.260	1768	1770	1776	rVB2	384	648	0.06%	0.011%
53	13.312	1776	1780	1782	rBV2	458	475	0.04%	0.008%
54	13.338	1782	1785	1794	rVV3	498	1107	0.10%	0.018%
55	13.406	1794	1798	1803	rVB2	255	481	0.04%	0.008%
56	13.695	1850	1853	1858	rBV3	288	479	0.04%	0.008%
57	13.904	1887	1893	1900	rBV3	1769	2807	0.26%	0.046%
58	14.041	1907	1919	1948	rBV	518532	942675	88.02%	15.529%
59	14.240	1954	1957	1960	rBV3	357	470	0.04%	0.008%
60	15.105	2118	2122	2126	rBV	502	826	0.08%	0.014%
61	15.320	2153	2163	2181	rBV	404565	711704	66.45%	11.724%
62	15.498	2195	2197	2200	rVB2	557	462	0.04%	0.008%
63	15.567	2203	2210	2213	rVV5	641	1234	0.12%	0.020%
64	15.645	2222	2225	2227	rBV2	440	429	0.04%	0.007%
65	15.661	2227	2228	2232	rVB3	576	389	0.04%	0.006%
66	15.698	2232	2235	2237	rBV2	578	482	0.05%	0.008%
67	15.787	2250	2252	2255	rVB2	514	381	0.04%	0.006%
68	15.813	2255	2257	2260	rBV3	912	624	0.06%	0.010%
69	15.907	2272	2275	2281	rBV4	409	478	0.04%	0.008%
70	16.007	2285	2294	2297	rBV5	532	1039	0.10%	0.017%
71	16.028	2297	2298	2302	rBV3	392	389	0.04%	0.006%
72	16.054	2302	2303	2307	rBV3	586	634	0.06%	0.010%
73	16.122	2311	2316	2320	rBV4	1171	1760	0.16%	0.029%
74	16.180	2326	2327	2331	rVB2	788	523	0.05%	0.009%
75	16.211	2331	2333	2337	rBV3	677	912	0.09%	0.015%
76	16.290	2347	2348	2351	rVB3	557	383	0.04%	0.006%
77	16.322	2351	2354	2357	rBV3	724	986	0.09%	0.016%
78	16.437	2372	2376	2379	rBV3	723	898	0.08%	0.015%
79	16.489	2385	2386	2391	rBV3	707	690	0.06%	0.011%
80	16.552	2396	2398	2402	rVV4	689	694	0.06%	0.011%
81	16.610	2402	2409	2411	rVV5	682	1255	0.12%	0.021%
82	16.631	2412	2413	2419	rVV5	463	722	0.07%	0.012%
83	16.683	2420	2423	2426	rVV4	673	779	0.07%	0.013%
84	16.741	2431	2434	2438	rBV5	831	1095	0.10%	0.018%
85	16.772	2438	2440	2442	rBV2	751	814	0.08%	0.013%
86	16.883	2457	2461	2464	rBV4	853	1053	0.10%	0.017%
87	17.229	2524	2527	2529	rBV3	945	1072	0.10%	0.018%
88	17.491	2575	2577	2579	rBV3	1037	954	0.09%	0.016%

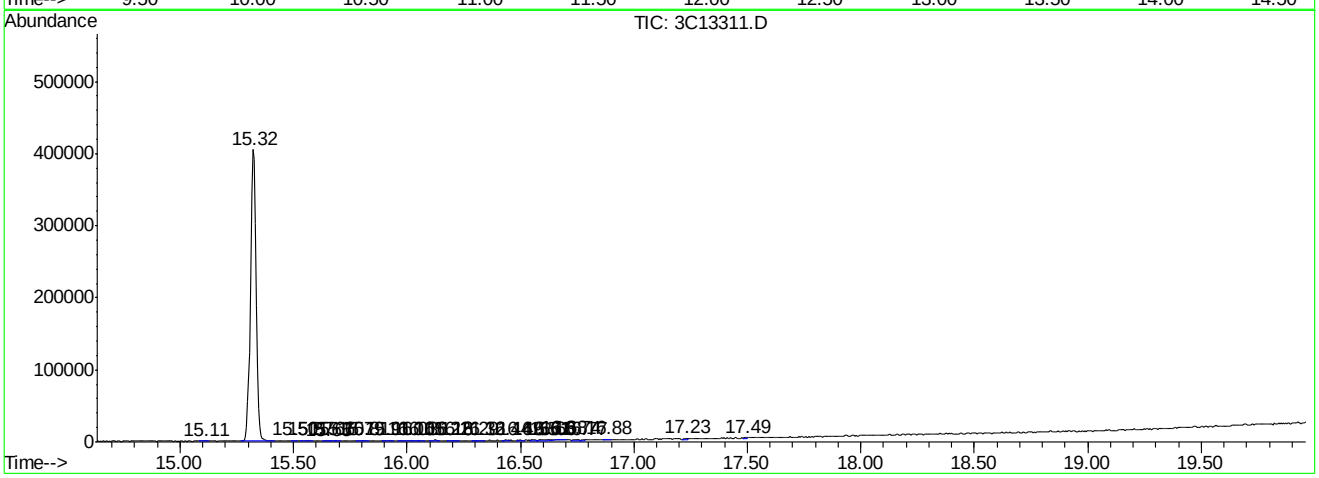
Sum of corrected areas: 6070524

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13311.D
Operator : PINGM
Acquired : 5 May 2006 6:27 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-3
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 20
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 6:27 pm
Data File: C:\MSDCHEM\1\DATA\3C13311.D
Name: J29228-3
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/14/06 16:21

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13312.D Vial: 21
Acq On : 5 May 2006 6:56 pm Operator: PINGM
Sample : J29228-4 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 19:19:58 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	62955	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	48134	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	310025	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	280236	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	144713	32.21	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 107.37%			
52) TOLUENE-d8 (SUR)	12.39	98	381299	29.81	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.37%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	152478	28.84	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 96.13%			

Target Compounds

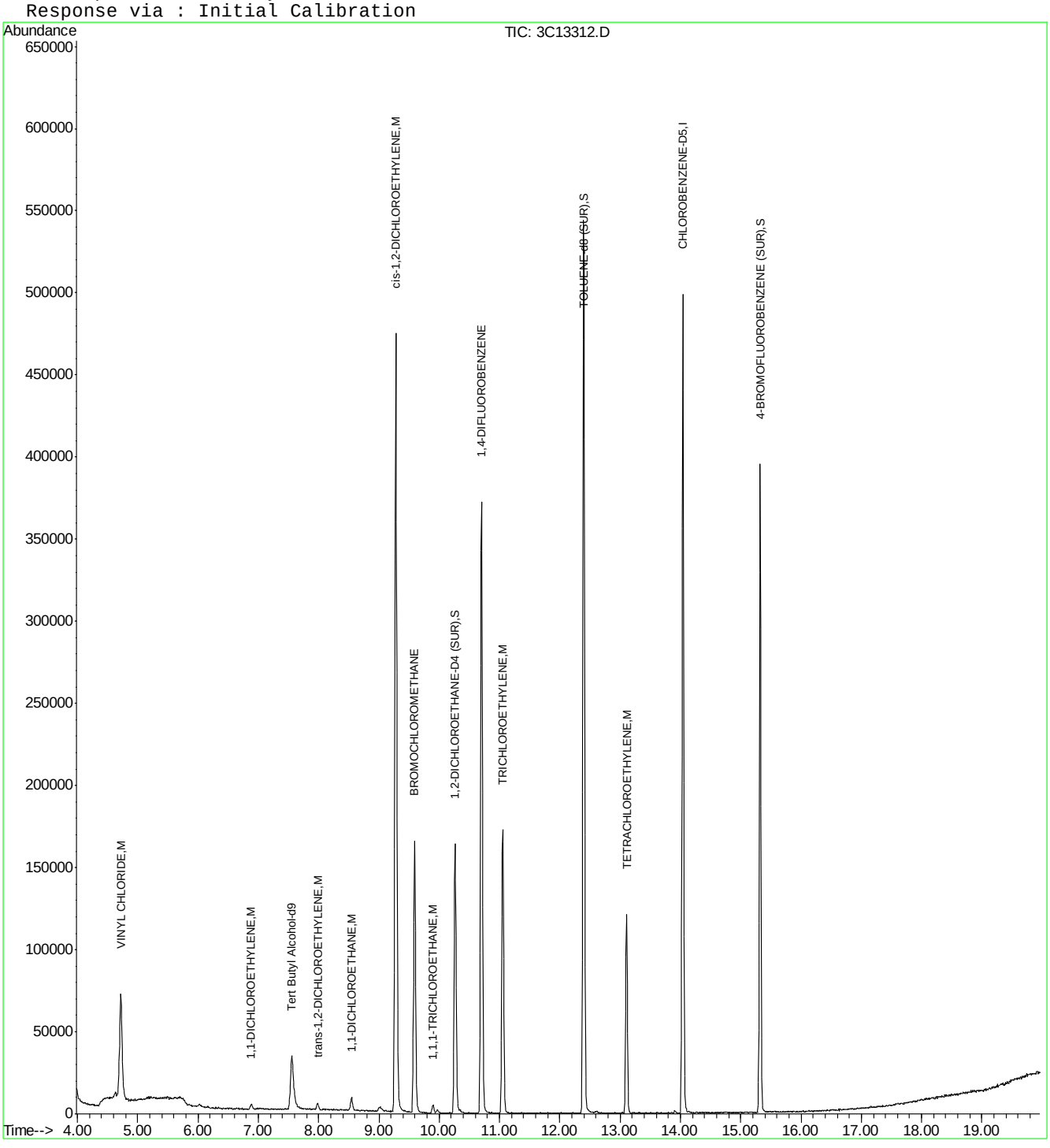
							Qvalue
7) VINYL CHLORIDE	4.72	62	120137	25.24	PPb		99
14) 1,1-DICHLOROETHYLENE	6.88	96	2365m	0.78	PPb		
22) trans-1,2-DICHLOROETHYLENE	7.98	96	3164	0.83	PPb	#	77
24) 1,1-DICHLOROETHANE	8.55	63	10678	1.40	PPb		98
29) cis-1,2-DICHLOROETHYLENE	9.28	96	230440	52.86	PPb		99
33) 1,1,1-TRICHLOROETHANE	9.90	97	4308	0.65	PPb		97
42) TRICHLOROETHYLENE	11.05	95	66615	17.32	PPb		97
55) TETRACHLOROETHYLENE	13.11	164	28243	10.63	PPb		97

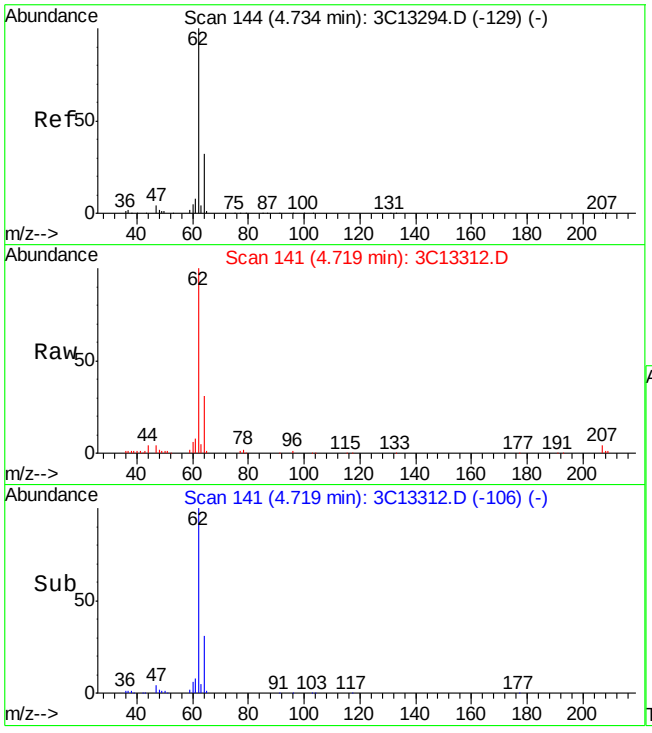
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13312.D Vial: 21
Acq On : 5 May 2006 6:56 pm Operator: PINGM
Sample : J29228-4 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:28 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

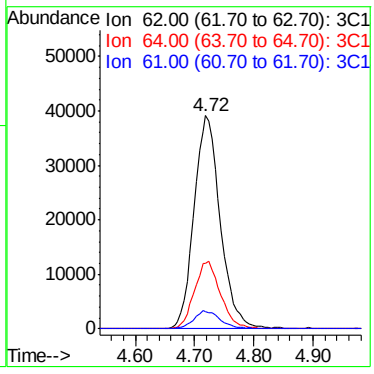


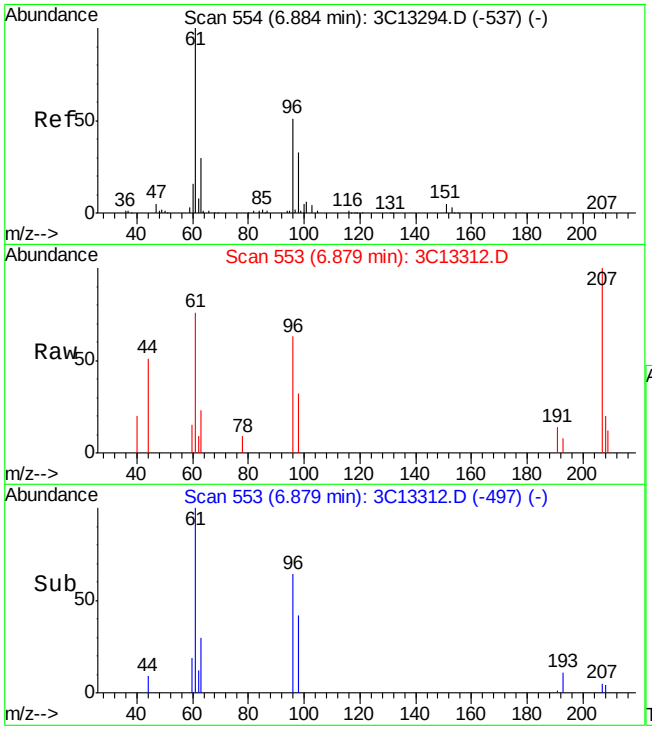


#7
VINYL CHLORIDE
Concen: 25.24 PPb
RT: 4.72 min Scan# 141
Delta R.T. -0.02 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 62 Resp: 120137

Ion	Ratio	Lower	Upper
62	100		
64	31.6	2.1	62.1
61	8.6	0.0	38.4

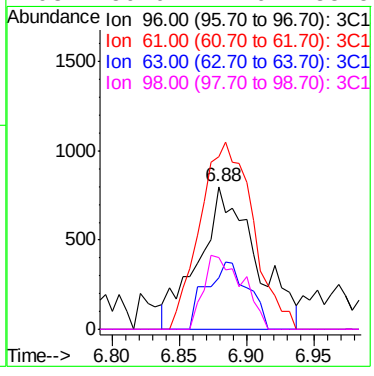


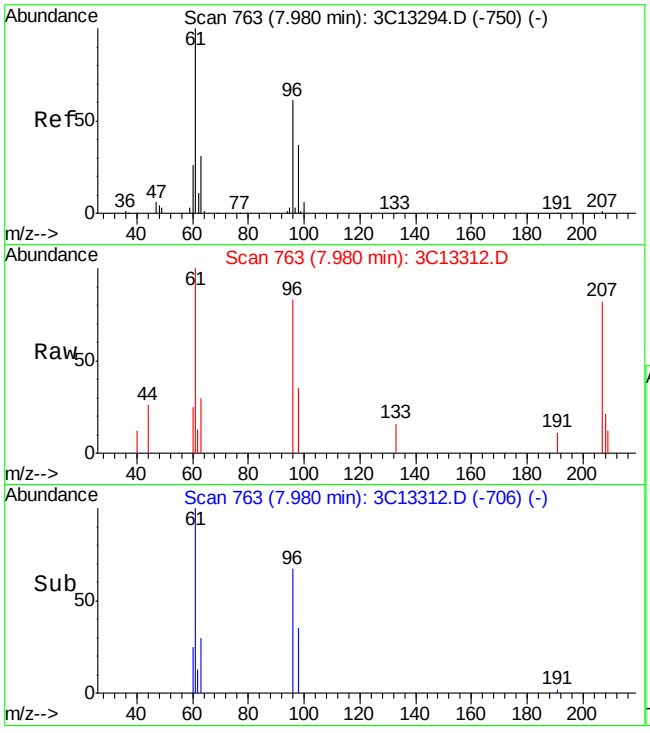


#14
1,1-DICHLOROETHYLENE
Concen: 0.78 PPb m
RT: 6.88 min Scan# 553
Delta R.T. -0.01 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 96 Resp: 2365

Ion	Ratio	Lower	Upper
96	100		
61	121.2	137.9	256.1#
63	36.1	42.1	78.1#
98	50.6	44.9	83.5

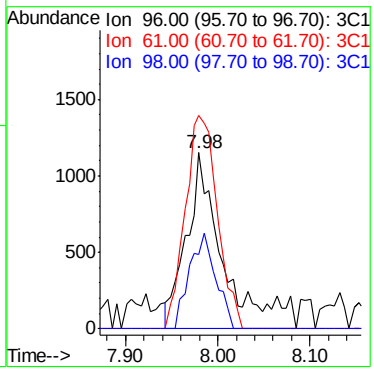


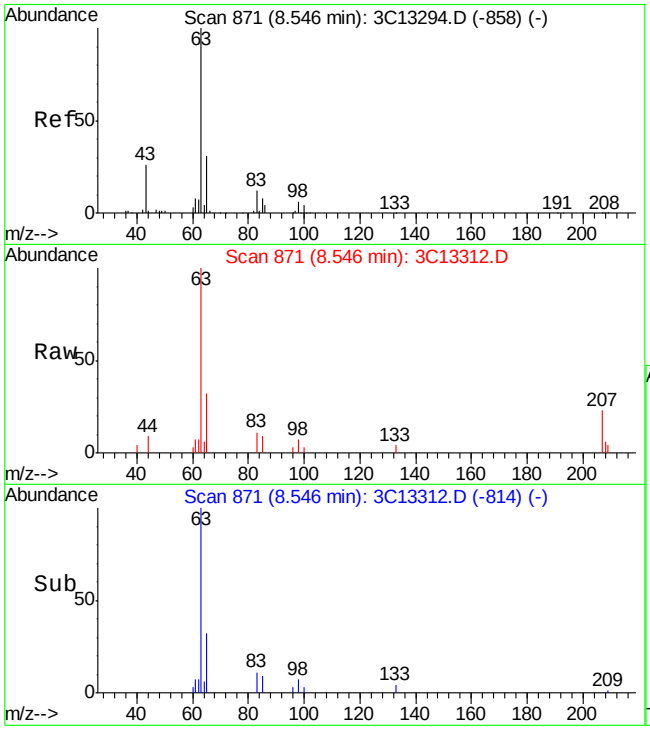


#22
trans-1,2-DICHLOROETHYLENE
Concen: 0.83 PPb
RT: 7.98 min Scan# 763
Delta R.T. 0.00 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 96 Resp: 3164

Ion	Ratio	Lower	Upper
96	100		
61	130.8	132.8	192.8#
98	45.6	29.9	89.9

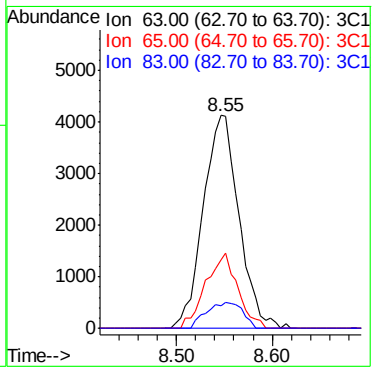


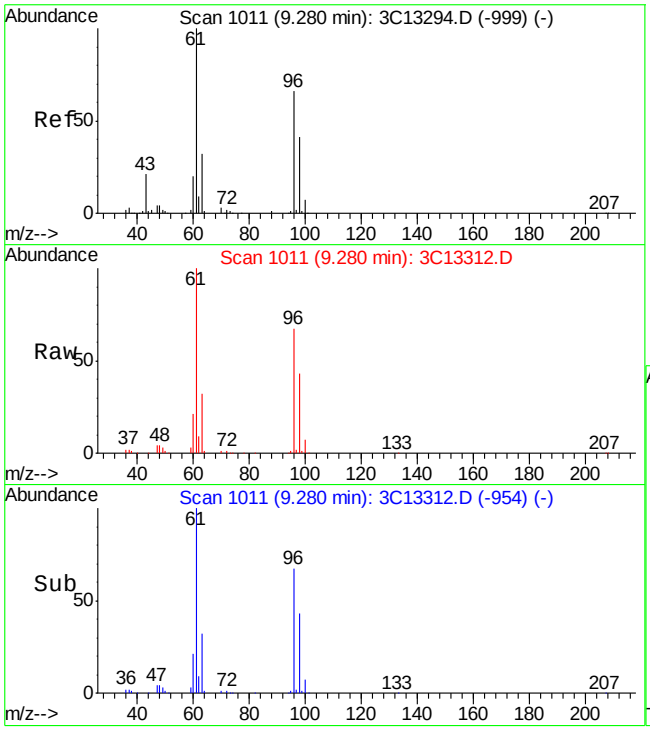


#24
1,1-DICHLOROETHANE
Concen: 1.40 PPb
RT: 8.55 min Scan# 871
Delta R.T. 0.00 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 63 Resp: 10678

Ion	Ratio	Lower	Upper
63	100		
65	32.0	0.9	60.9
83	10.8	0.0	42.2

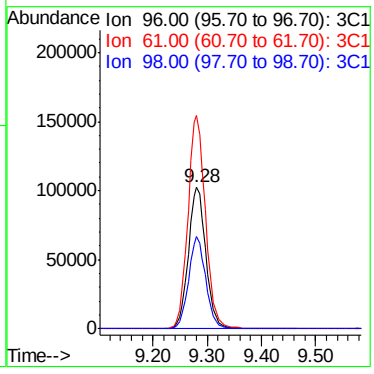


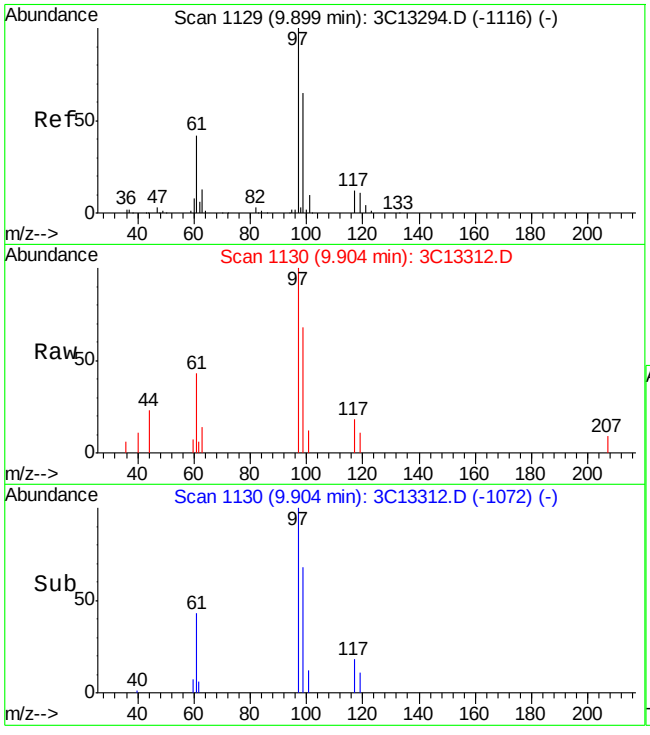


#29
cis-1,2-DICHLOROETHYLENE
Concen: 52.86 PPb
RT: 9.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 96 Resp: 230440

Ion	Ratio	Lower	Upper
96	100		
61	150.2	121.3	181.3
98	64.7	32.7	92.7

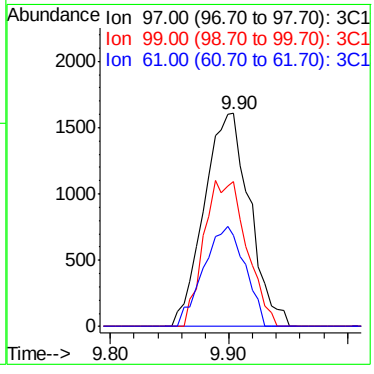


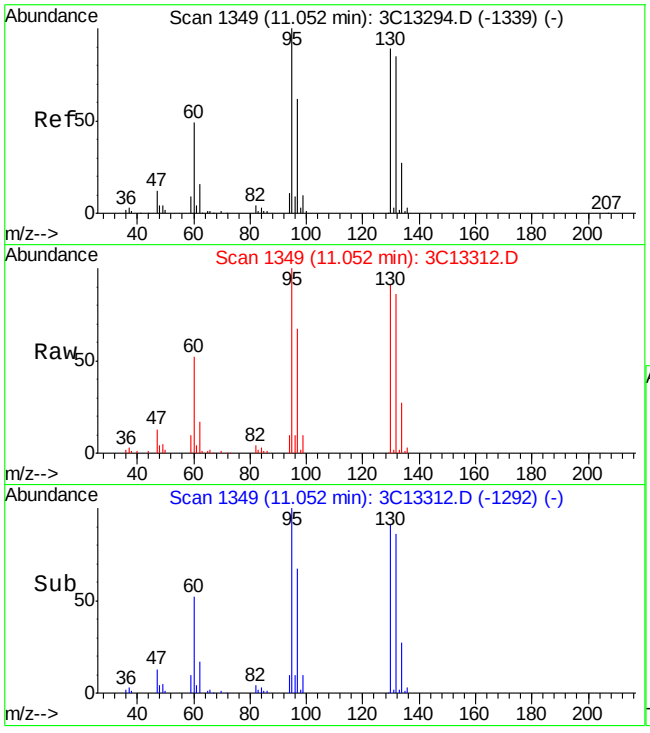


#33
1,1,1-TRICHLOROETHANE
Concen: 0.65 PPb
RT: 9.90 min Scan# 1130
Delta R.T. 0.01 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 97 Resp: 4308

Ion	Ratio	Lower	Upper
97	100		
99	67.8	34.7	94.7
61	42.8	11.7	71.7

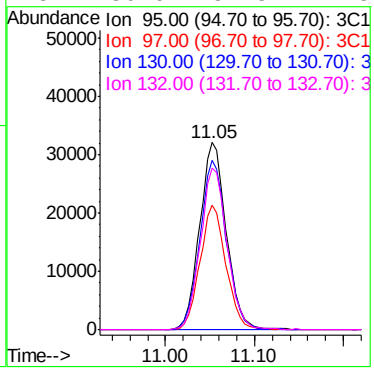


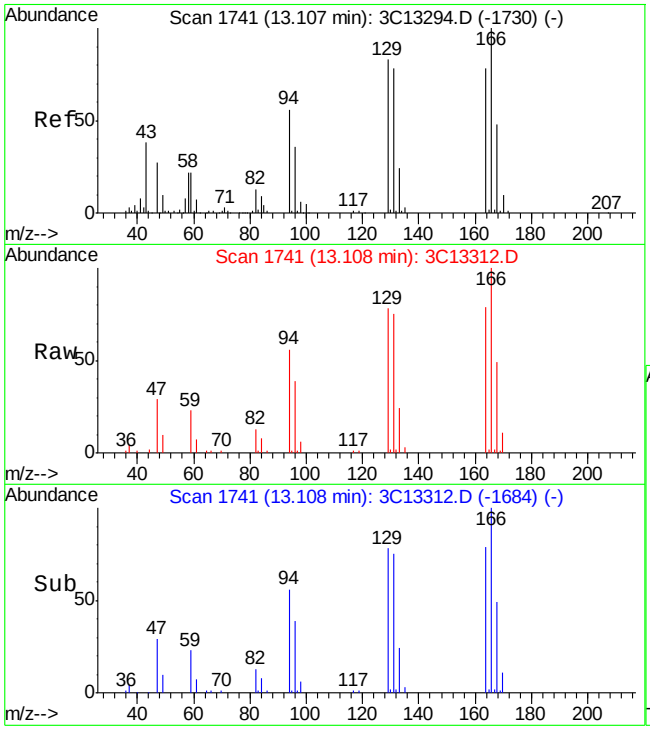


#42
TRICHLOROETHYLENE
Concen: 17.32 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion: 95 Resp: 66615

Ion	Ratio	Lower	Upper
95	100		
97	66.6	32.3	92.3
130	90.8	59.3	119.3
132	86.0	54.8	114.8

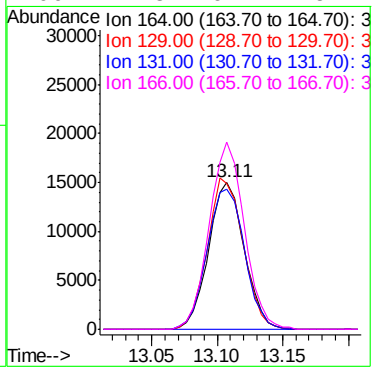




#55
TETRACHLOROETHYLENE
Concen: 10.63 PPb
RT: 13.11 min Scan# 1741
Delta R.T. 0.00 min
Lab File: 3C13312.D
Acq: 5 May 2006 6:56 pm

Tgt Ion:164 Resp: 28243

Ion	Ratio	Lower	Upper
164	100		
129	99.3	75.4	135.4
131	95.5	69.3	129.3
166	127.3	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13312.D Vial: 21
Acq On : 5 May 2006 6:56 pm Operator: PINGM
Sample : J29228-4 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

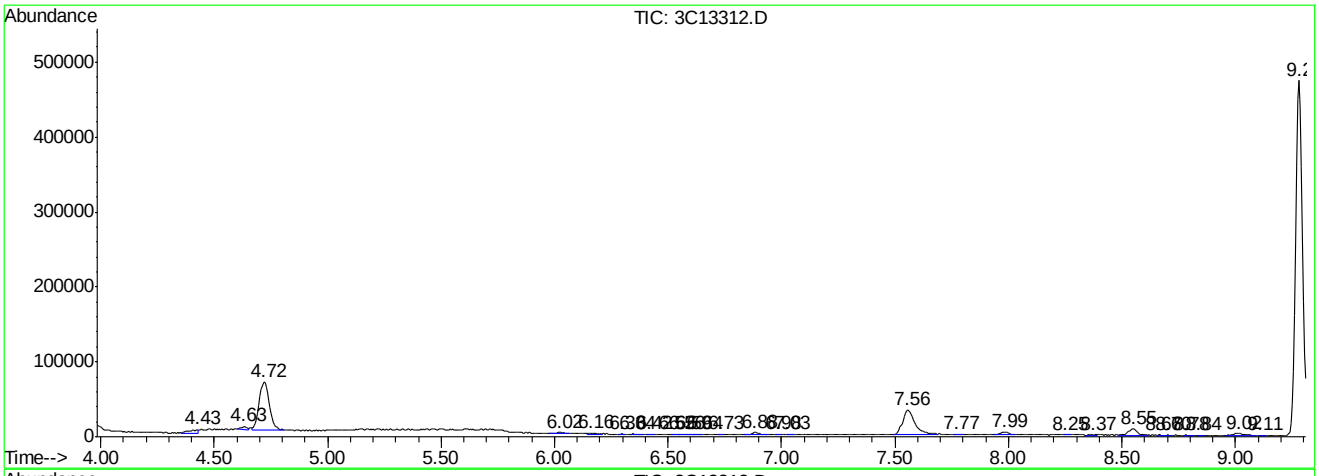
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.425	72	85	86	rBV5	4629	13116	1.23%	0.210%
2	4.630	119	124	128	rBV6	3403	6498	0.61%	0.104%
3	4.719	131	141	157	rVB	64609	200658	18.88%	3.205%
4	6.024	381	390	397	rBV9	1432	4217	0.40%	0.067%
5	6.161	413	416	425	rVB7	1516	2665	0.25%	0.043%
6	6.297	439	442	444	rBV3	922	745	0.07%	0.012%
7	6.344	449	451	459	rVB6	1099	1318	0.12%	0.021%
8	6.417	463	465	469	rBV4	739	824	0.08%	0.013%
9	6.517	483	484	490	rBV5	662	748	0.07%	0.012%
10	6.559	490	492	496	rVB3	760	528	0.05%	0.008%
11	6.590	497	498	502	rVB2	757	695	0.07%	0.011%
12	6.638	502	507	509	rBV4	879	1201	0.11%	0.019%
13	6.732	523	525	527	rBV3	1003	669	0.06%	0.011%
14	6.884	545	554	564	rBV4	3062	7426	0.70%	0.119%
15	6.984	571	573	576	rVB4	834	602	0.06%	0.010%
16	7.026	580	581	586	rVB5	537	530	0.05%	0.008%
17	7.555	670	682	707	rBV	32712	123817	11.65%	1.978%
18	7.770	721	723	728	rVB3	740	741	0.07%	0.012%
19	7.985	755	764	772	rVB2	4271	11015	1.04%	0.176%
20	8.253	813	815	819	rBV3	599	439	0.04%	0.007%
21	8.373	832	838	841	rBV3	731	1033	0.10%	0.017%
22	8.551	859	872	884	rVB	7857	19795	1.86%	0.316%
23	8.661	892	893	897	rVB4	642	565	0.05%	0.009%
24	8.703	897	901	904	rBV4	633	768	0.07%	0.012%
25	8.782	914	916	922	rVB2	529	649	0.06%	0.010%
26	8.840	926	927	931	rVB3	425	391	0.04%	0.006%
27	9.018	949	961	974	rBV3	2954	11746	1.11%	0.188%
28	9.112	977	979	983	rVB3	755	835	0.08%	0.013%
29	9.280	1000	1011	1037	rBV	473981	1062978	100.00%	16.980%
30	9.427	1037	1039	1045	rVB3	822	978	0.09%	0.016%
31	9.500	1051	1053	1057	rVB2	728	645	0.06%	0.010%
32	9.589	1057	1070	1087	rBV	165244	380466	35.79%	6.077%
33	9.899	1117	1129	1136	rBV5	4668	11343	1.07%	0.181%
34	9.967	1136	1142	1153	rVB4	1970	4434	0.42%	0.071%
35	10.266	1186	1199	1228	rVB	163989	366882	34.51%	5.860%
36	10.701	1272	1282	1301	rBV	372350	767210	72.18%	12.255%
37	10.816	1301	1304	1306	rVV2	592	666	0.06%	0.011%
38	10.864	1310	1313	1318	rVB2	406	443	0.04%	0.007%

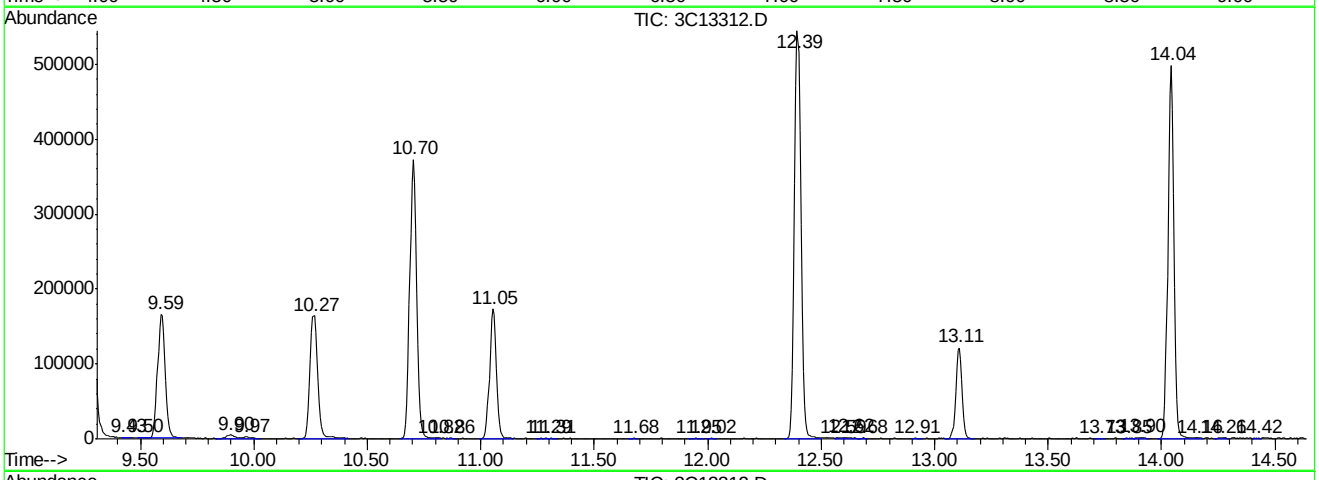
39	11.052	1338	1349	1366	rBV	172852	357611	33.64%	5.712%
40	11.288	1386	1394	1395	rVB2	388	563	0.05%	0.009%
41	11.309	1395	1398	1403	rVB2	387	556	0.05%	0.009%
42	11.676	1463	1468	1471	rBV2	438	410	0.04%	0.007%
43	11.949	1514	1520	1526	rVB2	304	442	0.04%	0.007%
44	12.017	1529	1533	1537	rBV2	369	524	0.05%	0.008%
45	12.395	1594	1605	1625	rBV	544002	1028510	96.76%	16.429%
46	12.589	1637	1642	1644	rBV3	752	970	0.09%	0.015%
47	12.620	1644	1648	1656	rVB3	1288	2224	0.21%	0.036%
48	12.683	1656	1660	1664	rBV2	301	416	0.04%	0.007%
49	12.914	1702	1704	1710	rVB2	423	421	0.04%	0.007%
50	13.108	1729	1741	1753	rBV	121161	232604	21.88%	3.716%
51	13.726	1855	1859	1864	rBV2	287	540	0.05%	0.009%
52	13.847	1879	1882	1888	rBV3	336	513	0.05%	0.008%
53	13.905	1888	1893	1900	rVB4	1451	2637	0.25%	0.042%
54	14.041	1908	1919	1940	rBV	498298	908477	85.47%	14.512%
55	14.156	1940	1941	1946	rVB	558	562	0.05%	0.009%
56	14.261	1956	1961	1967	rBV3	428	783	0.07%	0.013%
57	14.418	1988	1991	1995	rBV3	415	490	0.05%	0.008%
58	14.990	2096	2100	2102	rBV2	328	390	0.04%	0.006%
59	15.320	2151	2163	2179	rBV	395162	687115	64.64%	10.976%
60	15.567	2205	2210	2213	rBV2	667	1085	0.10%	0.017%
61	15.692	2230	2234	2239	rVB3	382	570	0.05%	0.009%
62	15.734	2239	2242	2244	rBV2	345	380	0.04%	0.006%
63	15.892	2265	2272	2275	rBV3	677	784	0.07%	0.013%
64	16.038	2295	2300	2302	rVB2	625	519	0.05%	0.008%
65	16.080	2307	2308	2313	rBV2	537	666	0.06%	0.011%
66	16.133	2313	2318	2322	rBV5	924	1349	0.13%	0.022%
67	16.180	2325	2327	2331	rVB4	722	775	0.07%	0.012%
68	16.206	2331	2332	2334	rBV	586	471	0.04%	0.008%
69	16.274	2344	2345	2347	rBV	630	460	0.04%	0.007%
70	16.295	2347	2349	2352	rVB3	740	618	0.06%	0.010%
71	16.390	2364	2367	2371	rVB4	921	1183	0.11%	0.019%
72	16.437	2371	2376	2378	rBV2	1097	1556	0.15%	0.025%
73	16.484	2382	2385	2387	rBV4	923	780	0.07%	0.012%
74	16.516	2390	2391	2394	rBV2	463	418	0.04%	0.007%
75	16.620	2410	2411	2414	rVB2	1422	938	0.09%	0.015%
76	16.647	2414	2416	2421	rBV4	1336	2040	0.19%	0.033%
77	16.699	2421	2426	2429	rVV5	600	1065	0.10%	0.017%
78	16.778	2440	2441	2446	rVB4	555	744	0.07%	0.012%
79	16.809	2446	2447	2451	rBV4	965	980	0.09%	0.016%
80	16.851	2451	2455	2458	rBV6	845	1164	0.11%	0.019%
81	16.883	2460	2461	2463	rBV2	892	594	0.06%	0.009%
82	16.930	2464	2470	2472	rBV6	666	915	0.09%	0.015%
83	17.129	2506	2508	2510	rBV3	719	671	0.06%	0.011%
84	17.160	2511	2514	2516	rVV4	767	677	0.06%	0.011%
85	17.459	2568	2571	2574	rBV4	837	1217	0.11%	0.019%
86	17.711	2618	2619	2621	rBV2	1145	700	0.07%	0.011%

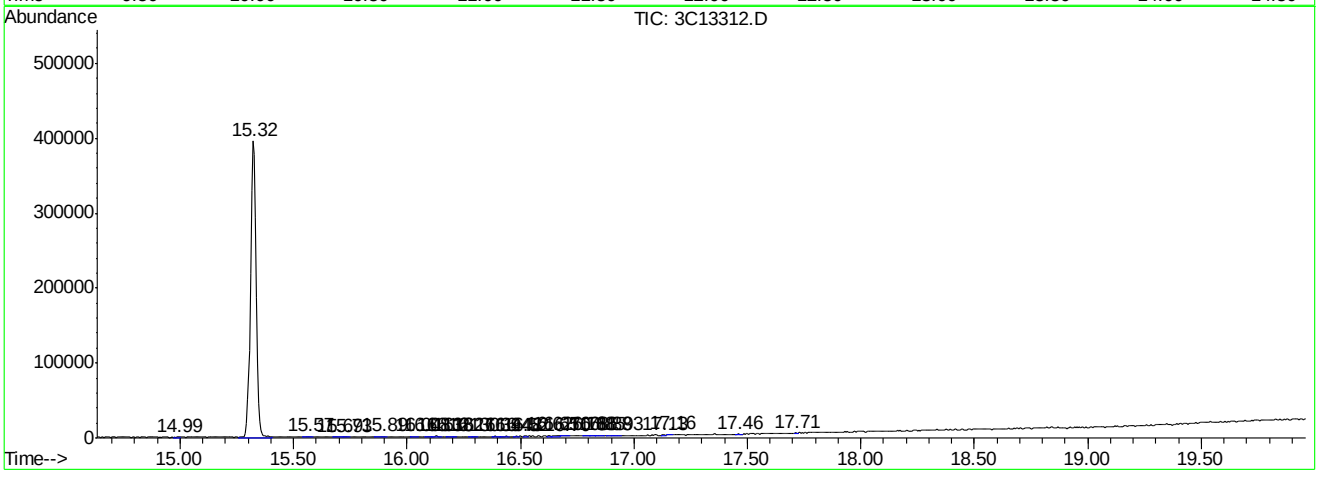
Sum of corrected areas: 6260356

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13312.D
Operator : PINGM
Acquired : 5 May 2006 6:56 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-4
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 21
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 6:56 pm
Data File: C:\MSDCHEM\1\DATA\3C13312.D
Name: J29228-4
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/14/06 16:21

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13313.D Vial: 22
Acq On : 5 May 2006 7:25 pm Operator: PINGM
Sample : J29228-5 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 19:48:48 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	61859	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	47436	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	301628	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	270954	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	143321	32.37	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 107.90%						
52) TOLUENE-d8 (SUR)	12.39	98	369586	29.69	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 98.97%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	148851	29.11	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.03%						

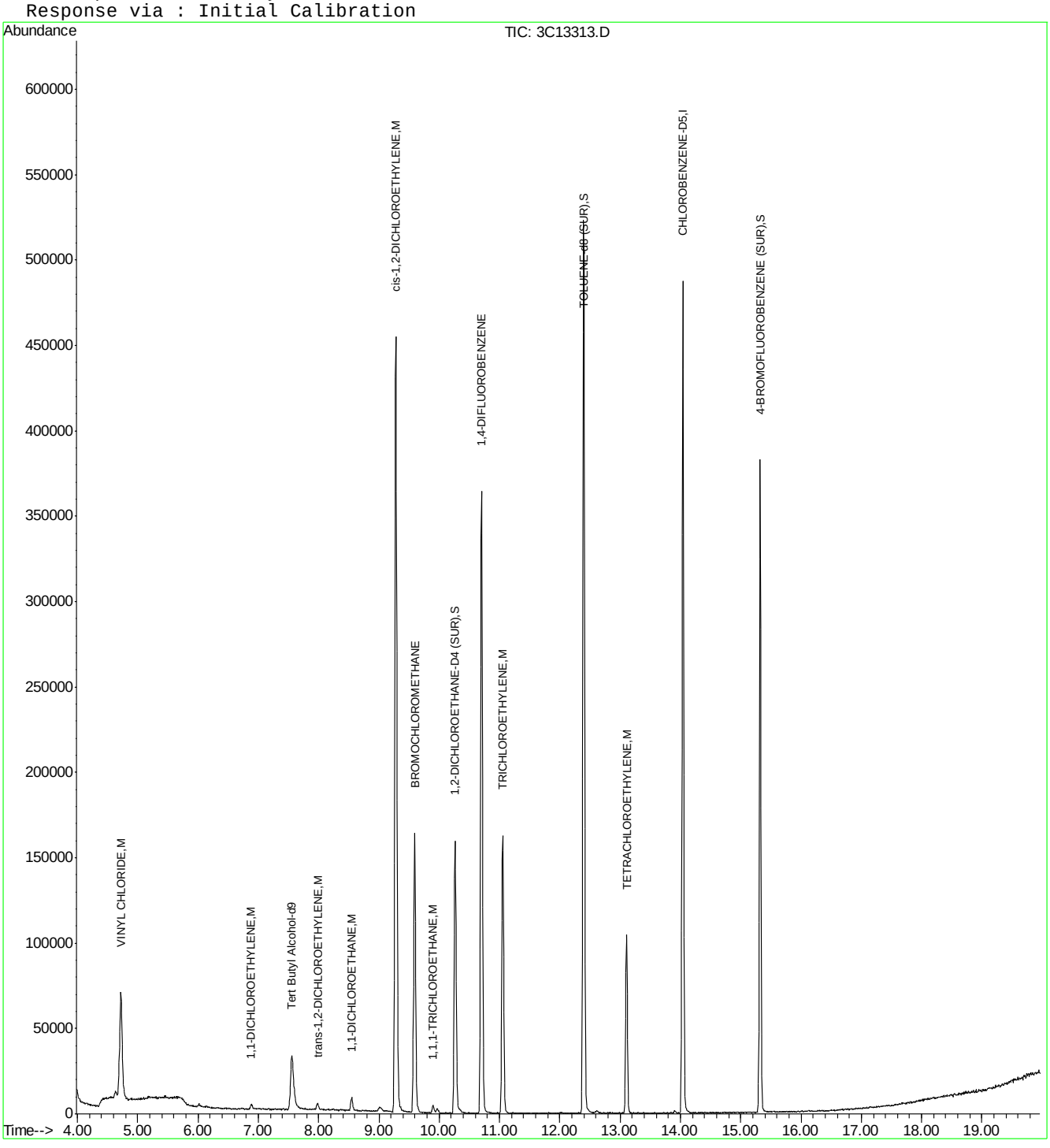
Target Compounds							Qvalue
7) VINYL CHLORIDE	4.72	62	116883	24.92	PPb		99
14) 1,1-DICHLOROETHYLENE	6.88	96	2050m	0.69	PPb		
22) trans-1,2-DICHLOROETHYLENE	7.99	96	2980	0.80	PPb	#	73
24) 1,1-DICHLOROETHANE	8.55	63	10231	1.36	PPb		97
29) cis-1,2-DICHLOROETHYLENE	9.28	96	222732	51.84	PPb		98
33) 1,1,1-TRICHLOROETHANE	9.90	97	4150	0.63	PPb		96
42) TRICHLOROETHYLENE	11.05	95	62972	16.83	PPb		97
55) TETRACHLOROETHYLENE	13.11	164	24219	9.43	PPb		94

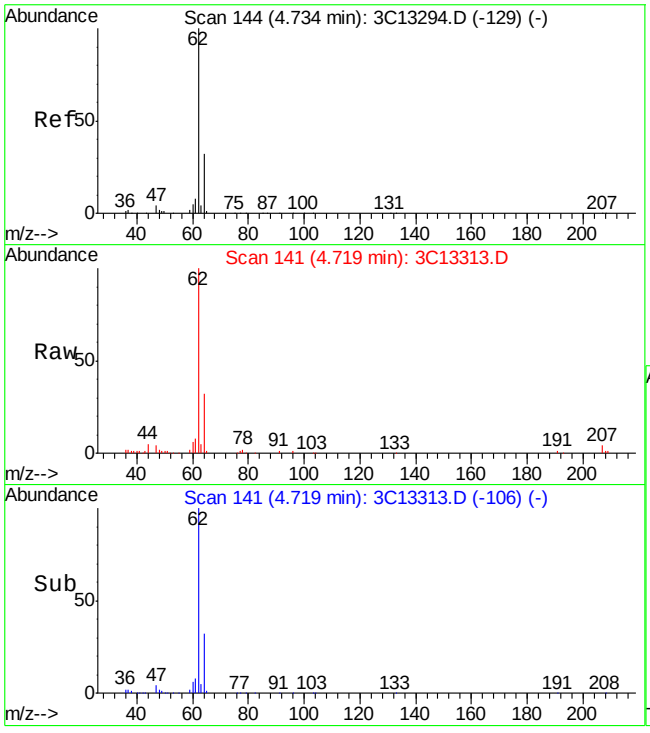
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13313.D Vial: 22
Acq On : 5 May 2006 7:25 pm Operator: PINGM
Sample : J29228-5 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:29 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

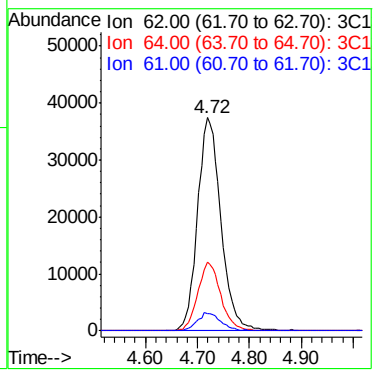


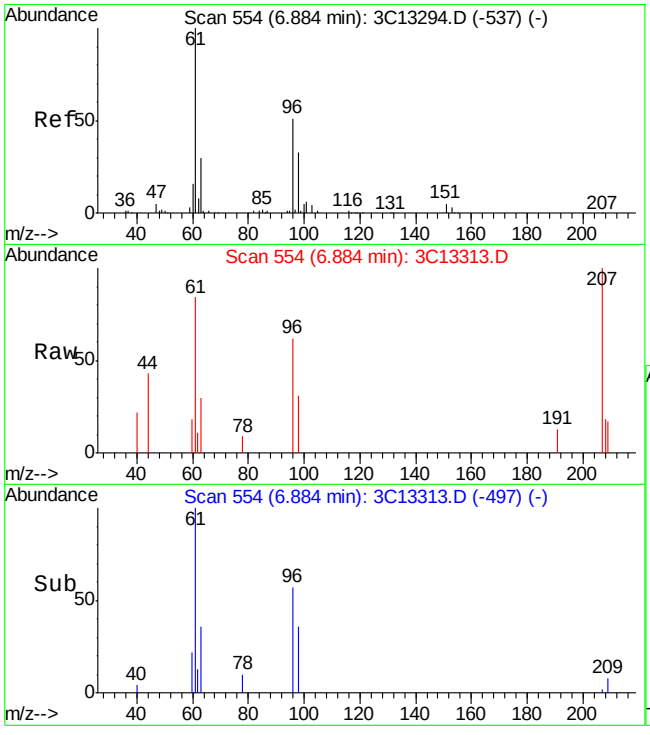


#7
VINYL CHLORIDE
Concen: 24.92 PPb
RT: 4.72 min Scan# 141
Delta R.T. -0.02 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 62 Resp: 116883

Ion	Ratio	Lower	Upper
62	100		
64	31.6	2.1	62.1
61	8.5	0.0	38.4

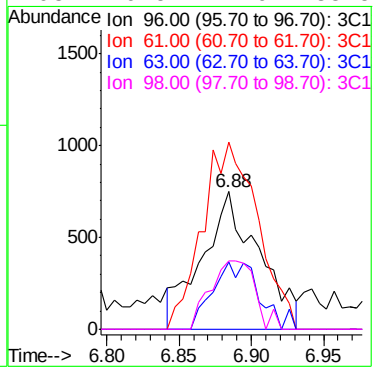


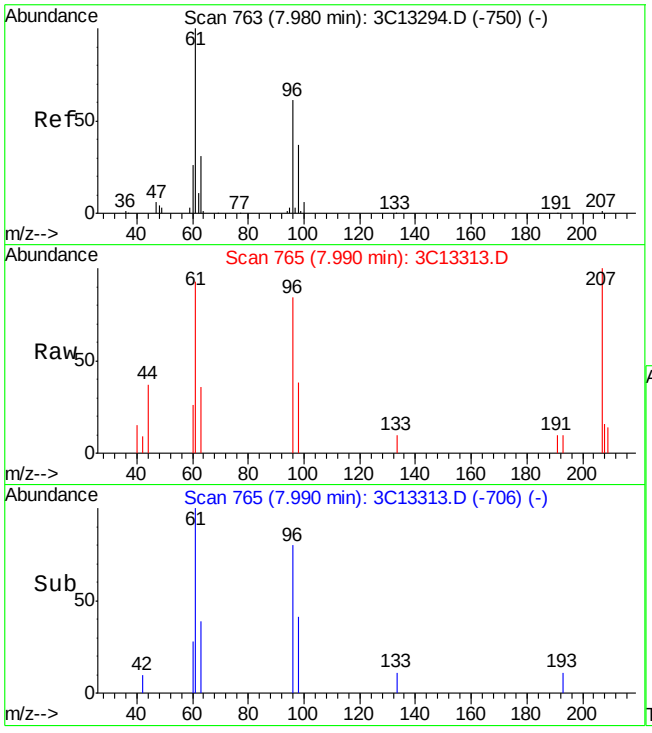


#14
1,1-DICHLOROETHYLENE
Concen: 0.69 PPb m
RT: 6.88 min Scan# 554
Delta R.T. 0.00 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 96 Resp: 2050

Ion	Ratio	Lower	Upper
96	100		
61	136.0	137.9	256.1#
63	49.0	42.1	78.1
98	49.5	44.9	83.5

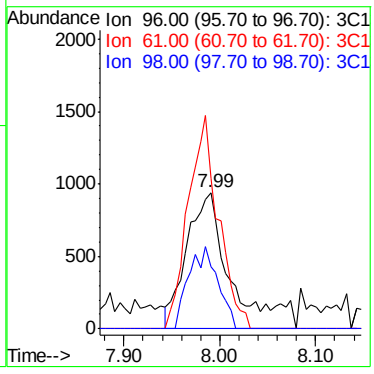


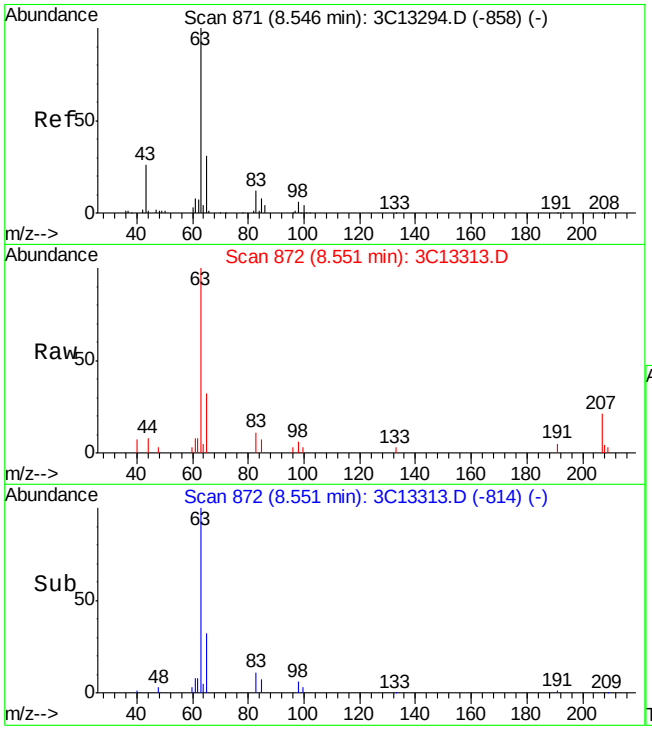


#22
trans-1,2-DICHLOROETHYLENE
Concen: 0.80 PPb
RT: 7.99 min Scan# 765
Delta R.T. 0.01 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 96 Resp: 2980

Ion	Ratio	Lower	Upper
96	100		
61	120.1	132.8	192.8#
98	49.2	29.9	89.9

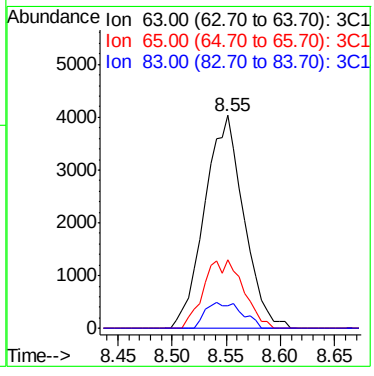


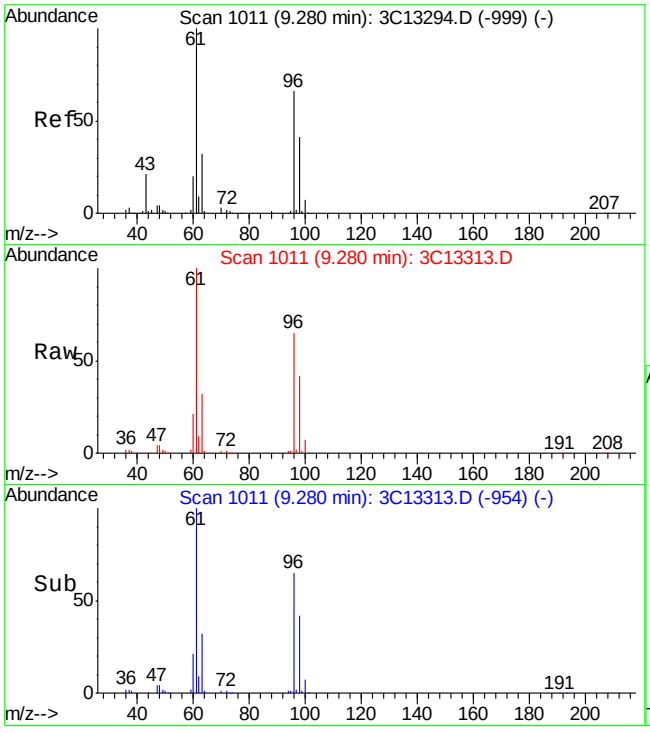


#24
1,1-DICHLOROETHANE
Concen: 1.36 PPb
RT: 8.55 min Scan# 872
Delta R.T. 0.01 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 63 Resp: 10231

Ion	Ratio	Lower	Upper
63	100		
65	32.3	0.9	60.9
83	10.6	0.0	42.2

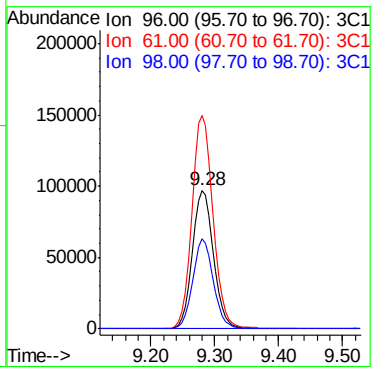


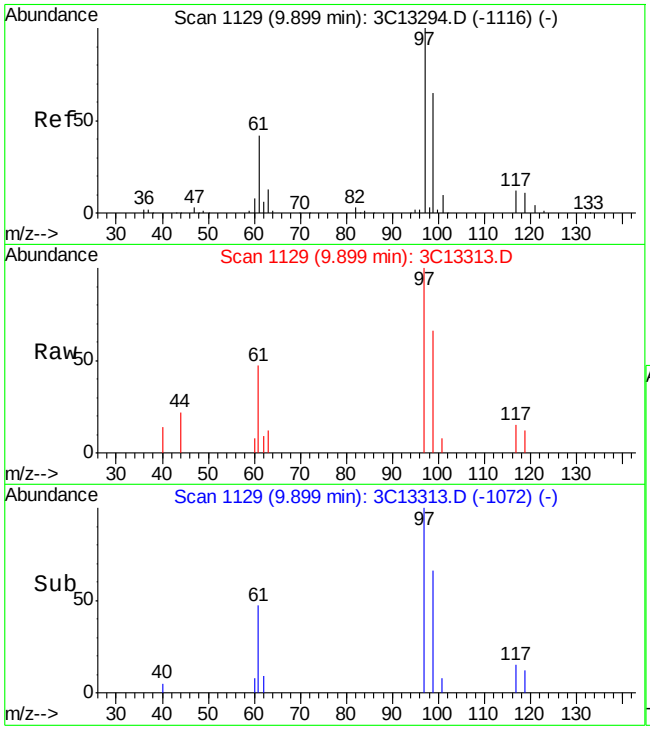


#29
cis-1,2-DICHLOROETHYLENE
Concen: 51.84 PPb
RT: 9.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 96 Resp: 222732

Ion	Ratio	Lower	Upper
96	100		
61	154.1	121.3	181.3
98	64.8	32.7	92.7

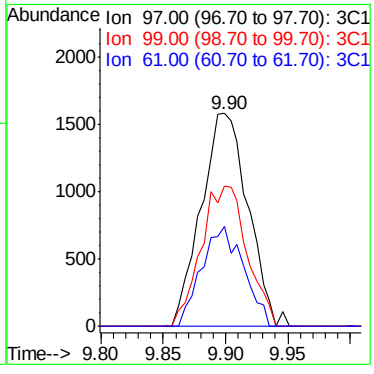


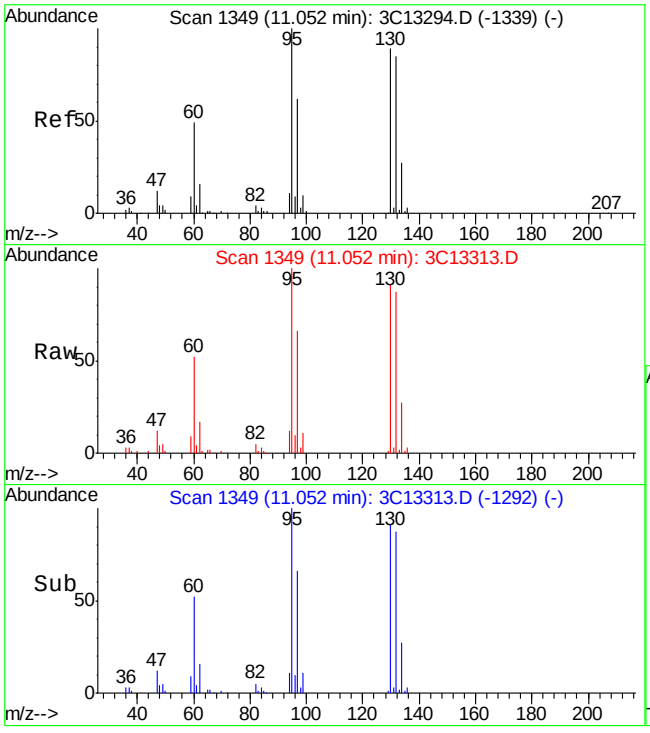


#33
1,1,1-TRICHLOROETHANE
Concen: 0.63 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 97 Resp: 4150

Ion	Ratio	Lower	Upper
97	100		
99	66.1	34.7	94.7
61	46.9	11.7	71.7

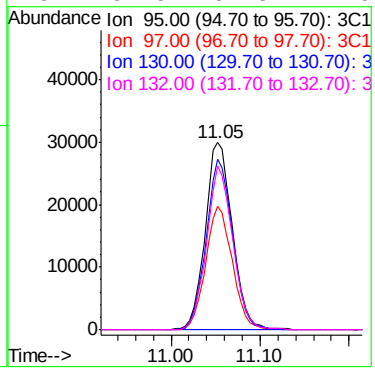


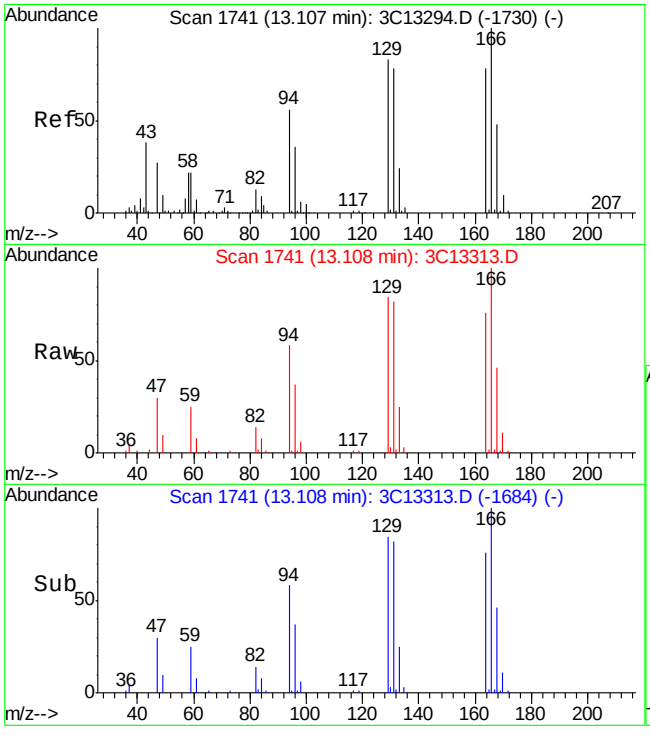


#42
TRICHLOROETHYLENE
Concen: 16.83 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion: 95 Resp: 62972

Ion	Ratio	Lower	Upper
95	100		
97	65.7	32.3	92.3
130	91.3	59.3	119.3
132	87.3	54.8	114.8

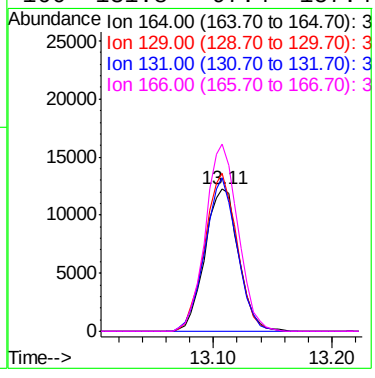




#55
TETRACHLOROETHYLENE
Concen: 9.43 PPb
RT: 13.11 min Scan# 1741
Delta R.T. 0.00 min
Lab File: 3C13313.D
Acq: 5 May 2006 7:25 pm

Tgt Ion:164 Resp: 24219

Ion	Ratio	Lower	Upper
164	100		
129	111.3	75.4	135.4
131	108.5	69.3	129.3
166	131.8	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13313.D Vial: 22
Acq On : 5 May 2006 7:25 pm Operator: PINGM
Sample : J29228-5 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

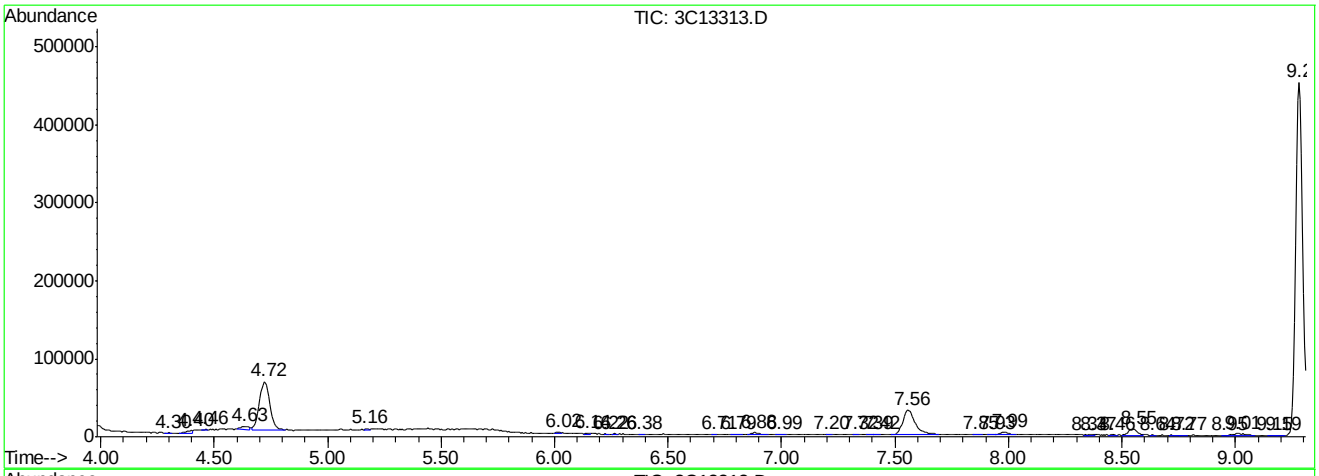
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.299	58	61	63	rVB4	627	395	0.04%	0.006%
2	4.399	70	80	81	rBV5	3836	7624	0.73%	0.125%
3	4.462	89	92	93	rBV3	1097	1037	0.10%	0.017%
4	4.635	119	125	129	rBV8	3818	8727	0.84%	0.143%
5	4.719	131	141	158	rVB	62326	191421	18.43%	3.147%
6	5.164	225	226	230	rBV4	1735	1798	0.17%	0.030%
7	6.019	385	389	391	rBV4	1449	1609	0.15%	0.026%
8	6.145	410	413	416	rBV4	1030	1284	0.12%	0.021%
9	6.223	427	428	431	rVB3	933	593	0.06%	0.010%
10	6.260	433	435	438	rVV4	520	545	0.05%	0.009%
11	6.375	456	457	461	rBV3	539	560	0.05%	0.009%
12	6.706	517	520	521	rBV2	727	678	0.07%	0.011%
13	6.790	533	536	543	rBV4	648	861	0.08%	0.014%
14	6.879	547	553	564	rBV4	2860	7196	0.69%	0.118%
15	6.989	571	574	579	rBV3	454	688	0.07%	0.011%
16	7.199	613	614	618	rVB2	808	752	0.07%	0.012%
17	7.324	636	638	641	rVB3	582	471	0.05%	0.008%
18	7.393	647	651	653	rBV3	824	773	0.07%	0.013%
19	7.419	653	656	659	rVB4	779	886	0.09%	0.015%
20	7.555	668	682	708	rBV2	32098	128524	12.38%	2.113%
21	7.854	737	739	744	rVB5	425	539	0.05%	0.009%
22	7.927	749	753	756	rVV4	616	712	0.07%	0.012%
23	7.985	756	764	773	rVB2	4044	9915	0.95%	0.163%
24	8.336	830	831	833	rBV2	720	455	0.04%	0.007%
25	8.373	833	838	840	rVV5	466	870	0.08%	0.014%
26	8.457	851	854	858	rBV3	683	1040	0.10%	0.017%
27	8.551	862	872	880	rVV	7663	19273	1.86%	0.317%
28	8.635	886	888	890	rVB3	657	401	0.04%	0.007%
29	8.719	902	904	910	rBV4	644	984	0.09%	0.016%
30	8.772	910	914	917	rVV4	458	545	0.05%	0.009%
31	8.950	946	948	951	rVB	570	398	0.04%	0.007%
32	9.013	951	960	973	rBV3	2827	10746	1.03%	0.177%
33	9.149	985	986	992	rBV4	528	629	0.06%	0.010%
34	9.191	992	994	999	rVB3	570	712	0.07%	0.012%
35	9.280	999	1011	1039	rBV	453913	1038558	100.00%	17.074%
36	9.595	1058	1071	1095	rVB	163848	376630	36.26%	6.192%
37	9.820	1112	1114	1119	rVB2	320	407	0.04%	0.007%
38	9.899	1119	1129	1137	rVV3	4399	11359	1.09%	0.187%

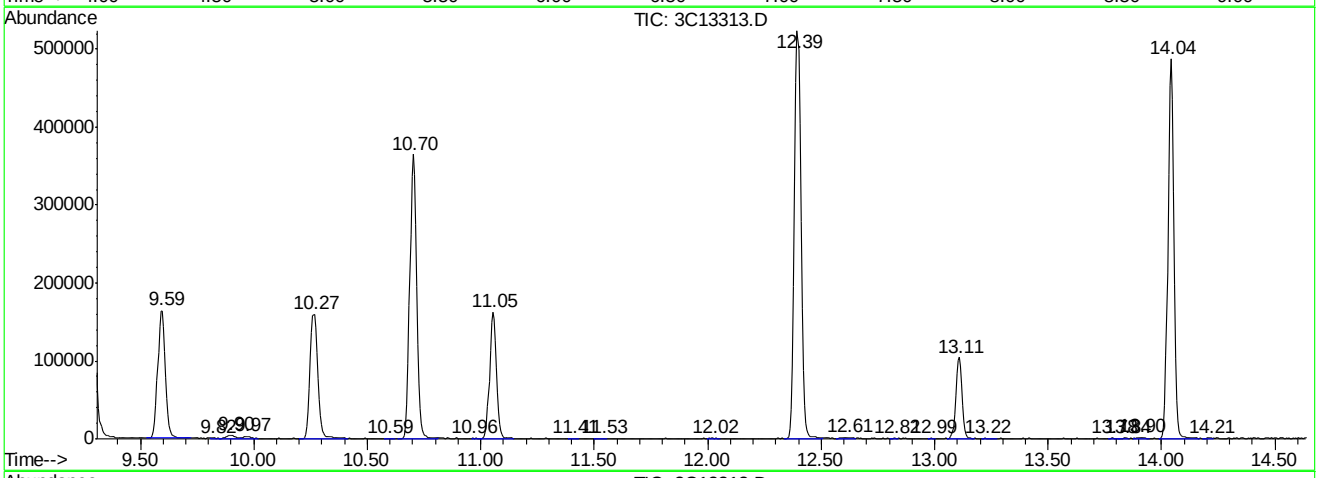
39	9.972	1137	1143	1151	rVB4	2785	6527	0.63%	0.107%
40	10.266	1186	1199	1227	rBV	159514	361815	34.84%	5.948%
41	10.591	1258	1261	1266	rBV2	261	394	0.04%	0.006%
42	10.701	1269	1282	1303	rBV	364226	751158	72.33%	12.349%
43	10.963	1331	1332	1339	rBV3	367	451	0.04%	0.007%
44	11.052	1339	1349	1366	rVB	162656	337541	32.50%	5.549%
45	11.409	1412	1417	1421	rVB	294	428	0.04%	0.007%
46	11.535	1434	1441	1444	rBV2	273	412	0.04%	0.007%
47	12.022	1529	1534	1540	rBV3	456	506	0.05%	0.008%
48	12.395	1594	1605	1626	rBV	523048	1003161	96.59%	16.492%
49	12.615	1638	1647	1654	rBV4	1416	3665	0.35%	0.060%
50	12.824	1683	1687	1689	rBV	407	464	0.04%	0.008%
51	12.987	1715	1718	1720	rBV3	491	399	0.04%	0.007%
52	13.108	1731	1741	1753	rBV	104319	202427	19.49%	3.328%
53	13.223	1760	1763	1772	rVB3	308	573	0.06%	0.009%
54	13.784	1866	1870	1875	rVB3	467	654	0.06%	0.011%
55	13.842	1875	1881	1883	rBV2	460	633	0.06%	0.010%
56	13.905	1887	1893	1900	rVB4	1436	2360	0.23%	0.039%
57	14.041	1909	1919	1943	rBV	486889	885938	85.30%	14.565%
58	14.214	1946	1952	1954	rBV2	358	435	0.04%	0.007%
59	14.717	2046	2048	2053	rVB	470	520	0.05%	0.009%
60	15.110	2120	2123	2126	rBV3	500	681	0.07%	0.011%
61	15.205	2137	2141	2144	rBV2	415	448	0.04%	0.007%
62	15.320	2152	2163	2184	rBV	382243	666462	64.17%	10.957%
63	15.472	2191	2192	2197	rVB3	430	446	0.04%	0.007%
64	15.504	2197	2198	2202	rBV3	488	419	0.04%	0.007%
65	15.546	2202	2206	2210	rVB3	554	758	0.07%	0.012%
66	15.965	2278	2286	2289	rVB3	660	1444	0.14%	0.024%
67	15.991	2289	2291	2292	rBV	657	548	0.05%	0.009%
68	16.122	2312	2316	2322	rBV3	824	1394	0.13%	0.023%
69	16.175	2322	2326	2331	rVB4	396	663	0.06%	0.011%
70	16.280	2342	2346	2348	rVB5	575	565	0.05%	0.009%
71	16.301	2348	2350	2353	rBV2	866	960	0.09%	0.016%
72	16.348	2356	2359	2362	rVV3	477	625	0.06%	0.010%
73	16.411	2368	2371	2373	rBV2	735	556	0.05%	0.009%
74	16.484	2379	2385	2386	rBV4	761	1070	0.10%	0.018%
75	16.552	2395	2398	2400	rVB3	753	595	0.06%	0.010%
76	16.568	2400	2401	2405	rBV2	463	523	0.05%	0.009%
77	16.620	2407	2411	2412	rBV2	434	439	0.04%	0.007%
78	16.657	2416	2418	2419	rBV2	592	386	0.04%	0.006%
79	16.736	2427	2433	2437	rBV6	843	1634	0.16%	0.027%
80	16.772	2437	2440	2442	rVV3	641	738	0.07%	0.012%
81	16.820	2446	2449	2455	rBV6	773	1689	0.16%	0.028%
82	16.956	2474	2475	2479	rBV3	551	630	0.06%	0.010%
83	17.139	2506	2510	2517	rBV8	1063	2331	0.22%	0.038%
84	17.669	2609	2611	2613	rBV2	963	892	0.09%	0.015%
85	17.742	2623	2625	2627	rBV3	970	742	0.07%	0.012%
86	18.555	2774	2780	2783	rBV5	1970	4045	0.39%	0.066%

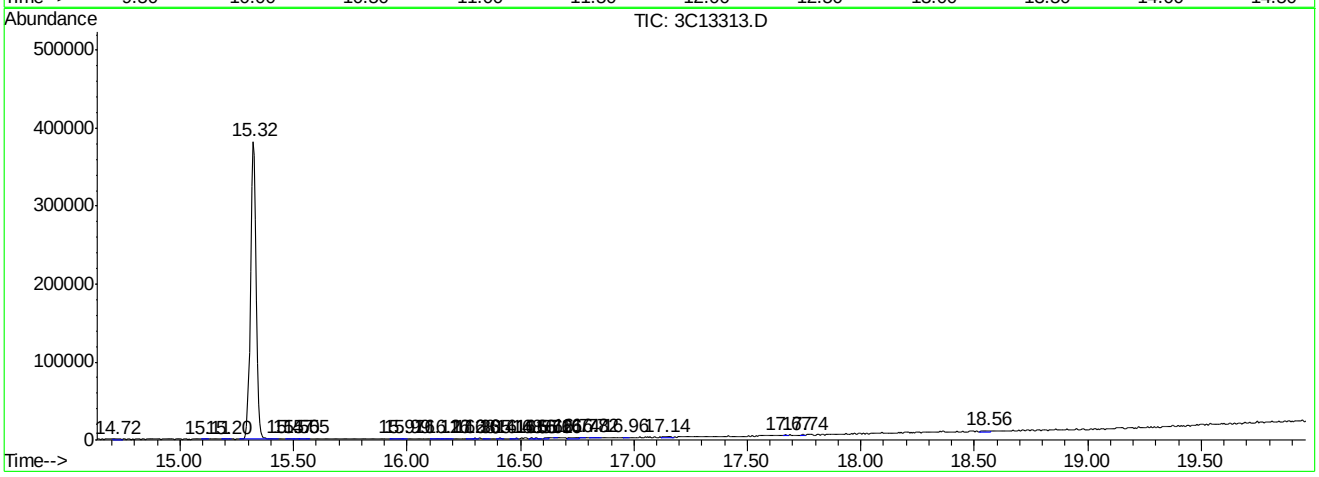
Sum of corrected areas: 6082739

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13313.D
Operator : PINGM
Acquired : 5 May 2006 7:25 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-5
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 22
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 7:25 pm
Data File: C:\MSDCHEM\1\DATA\3C13313.D
Name: J29228-5
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13314.D Vial: 23
Acq On : 5 May 2006 7:54 pm Operator: PINGM
Sample : J29228-6 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 20:17:40 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

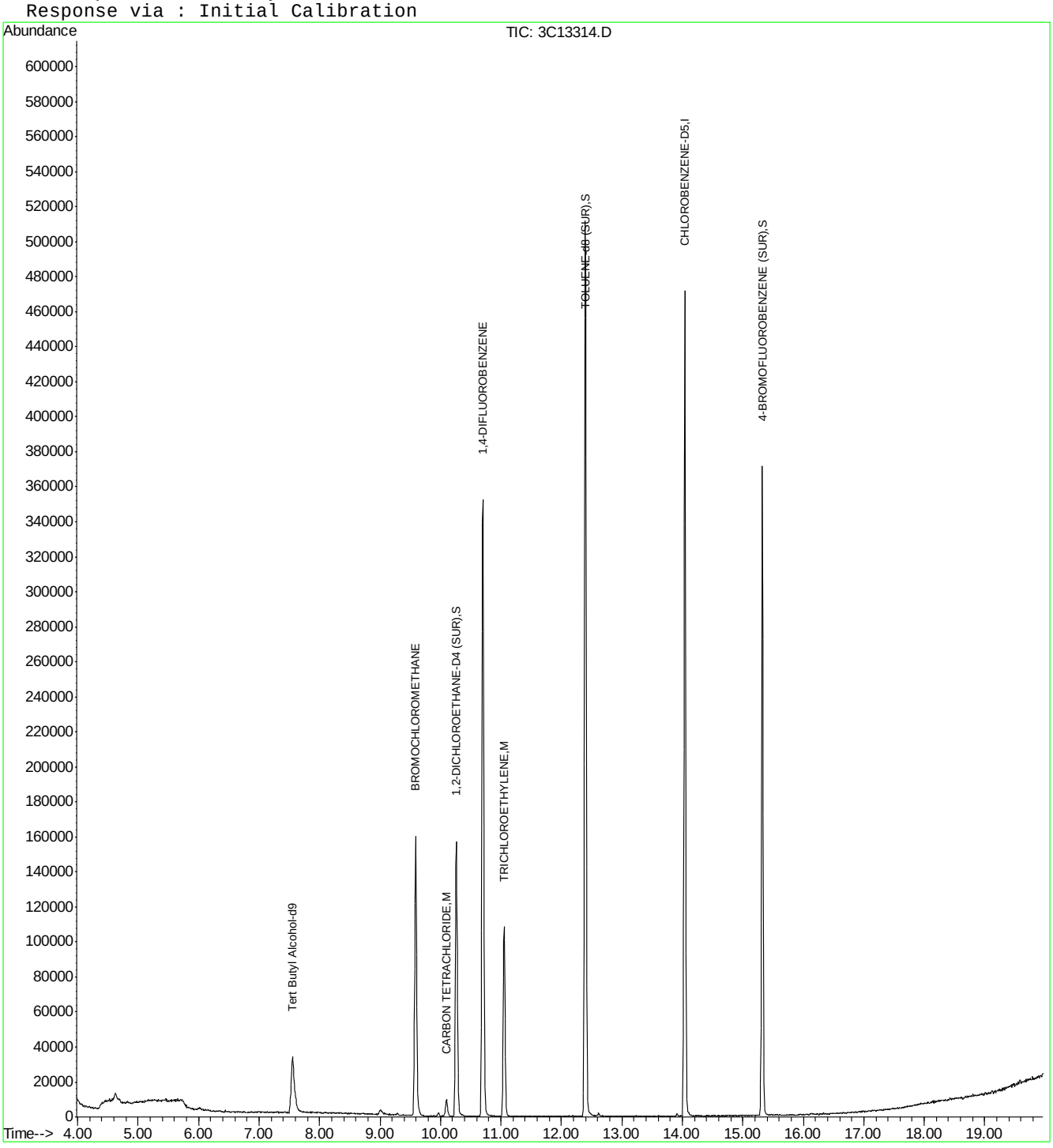
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	60360	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	44998	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	288034	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	258462	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	140121	33.36	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 111.20%						
52) TOLUENE-d8 (SUR)	12.39	98	355401	29.90	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 99.67%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	142436	29.21	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.37%						
Target Compounds						Qvalue
37) CARBON TETRACHLORIDE	10.10	117	7901	1.53	PPb	96
42) TRICHLOROETHYLENE	11.05	95	41343	11.57	PPb	95

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

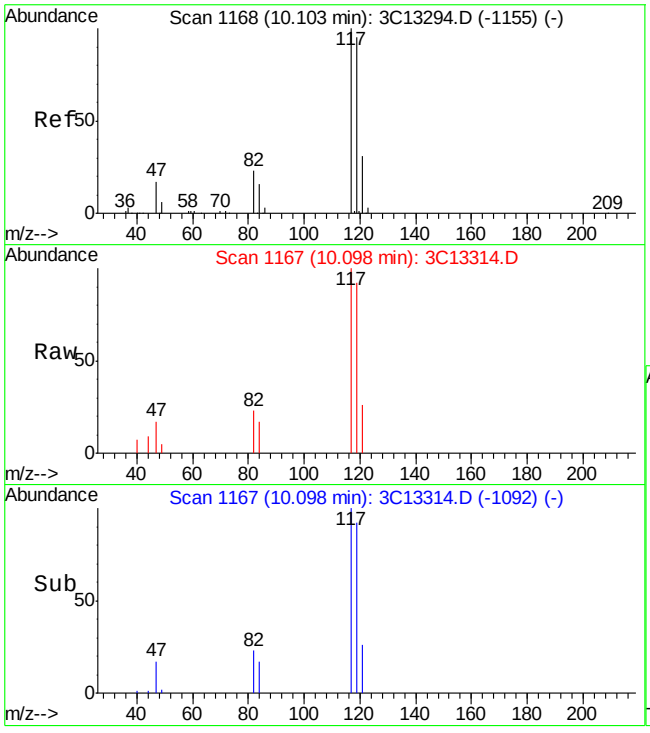
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13314.D Vial: 23
Acq On : 5 May 2006 7:54 pm Operator: PINGM
Sample : J29228-6 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:30 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



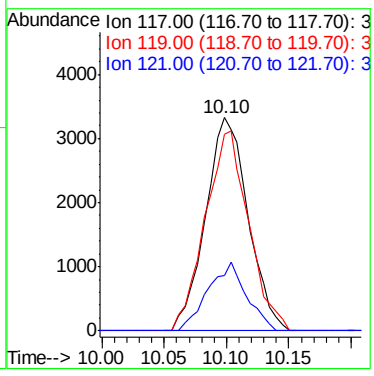
3C13314.D M3C576.M Mon May 08 15:15:30 2006 MS3C Page 2

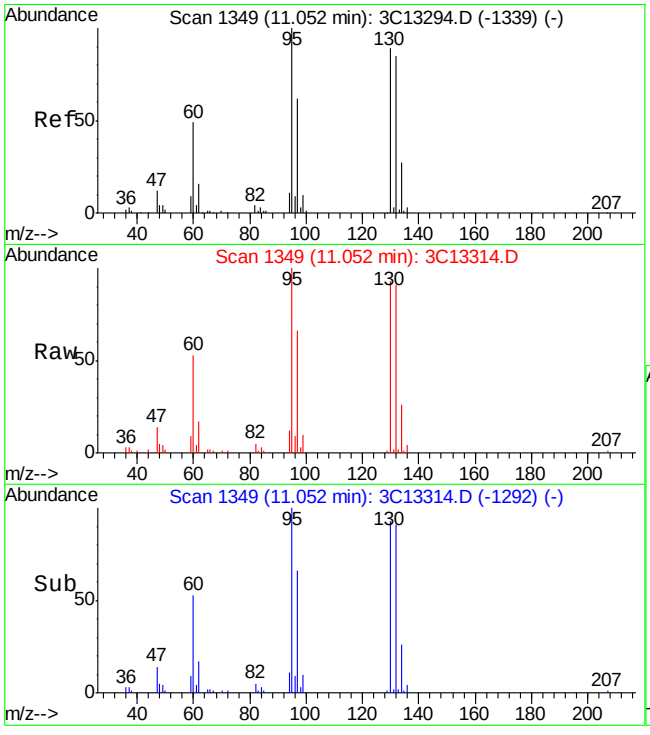


#37
CARBON TETRACHLORIDE
Concen: 1.53 PPb
RT: 10.10 min Scan# 1167
Delta R.T. -0.01 min
Lab File: 3C13314.D
Acq: 5 May 2006 7:54 pm

Tgt Ion:117 Resp: 7901

Ion	Ratio	Lower	Upper
117	100		
119	92.2	64.5	124.5
121	26.0	1.2	61.2

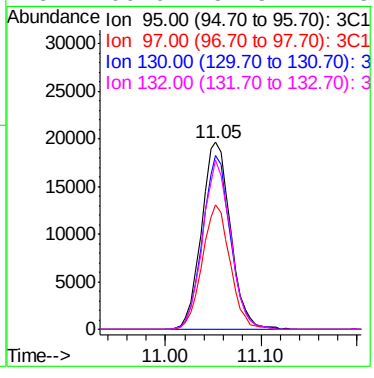




#42
TRICHLOROETHYLENE
Concen: 11.57 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13314.D
Acq: 5 May 2006 7:54 pm

Tgt Ion: 95 Resp: 41343

Ion	Ratio	Lower	Upper
95	100		
97	66.3	32.3	92.3
130	92.8	59.3	119.3
132	90.6	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13314.D Vial: 23
Acq On : 5 May 2006 7:54 pm Operator: PINGM
Sample : J29228-6 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

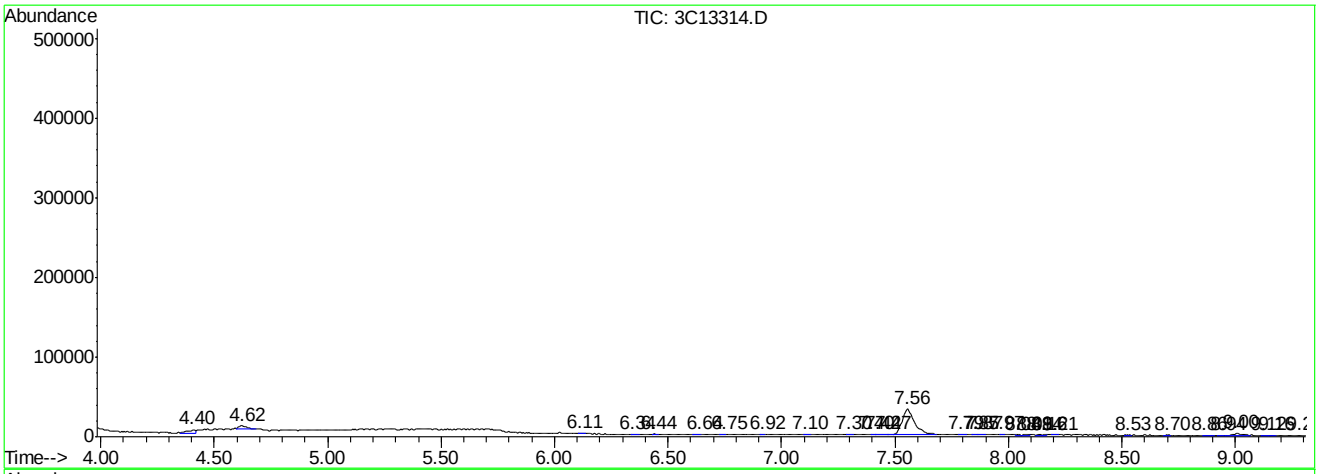
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.404	71	81	84	rBV6	3534	8982	0.93%	0.206%
2	4.624	118	123	134	rVB7	4145	9797	1.01%	0.225%
3	6.113	405	407	411	rBV3	770	732	0.08%	0.017%
4	6.344	449	451	456	rVB4	510	666	0.07%	0.015%
5	6.438	467	469	472	rBV3	1164	719	0.07%	0.017%
6	6.638	501	507	508	rBV4	628	819	0.08%	0.019%
7	6.748	524	528	529	rVB3	474	512	0.05%	0.012%
8	6.916	558	560	562	rBV2	587	396	0.04%	0.009%
9	7.104	595	596	600	rBV3	688	714	0.07%	0.016%
10	7.298	630	633	636	rBV3	550	608	0.06%	0.014%
11	7.398	651	652	655	rVB3	679	402	0.04%	0.009%
12	7.424	655	657	665	rVB5	799	1370	0.14%	0.031%
13	7.471	665	666	670	rBV3	629	655	0.07%	0.015%
14	7.555	670	682	706	rBV2	32291	127562	13.17%	2.932%
15	7.791	725	727	731	rVB4	633	711	0.07%	0.016%
16	7.854	736	739	740	rVB3	695	630	0.07%	0.014%
17	7.875	741	743	747	rBV4	627	568	0.06%	0.013%
18	7.969	759	761	763	rBV2	716	518	0.05%	0.012%
19	8.043	773	775	777	rVB	778	452	0.05%	0.010%
20	8.090	778	784	785	rBV5	508	819	0.08%	0.019%
21	8.137	790	793	795	rVB3	572	512	0.05%	0.012%
22	8.158	795	797	799	rBV	724	540	0.06%	0.012%
23	8.205	803	806	808	rVB2	567	416	0.04%	0.010%
24	8.525	864	867	870	rBV2	565	577	0.06%	0.013%
25	8.698	897	900	903	rBV4	585	733	0.08%	0.017%
26	8.861	930	931	939	rVB4	332	490	0.05%	0.011%
27	8.945	942	947	948	rVB4	795	945	0.10%	0.022%
28	9.002	949	958	970	rBV2	3034	9817	1.01%	0.226%
29	9.123	979	981	985	rVB3	616	816	0.08%	0.019%
30	9.160	985	988	991	rBV3	781	687	0.07%	0.016%
31	9.280	1006	1011	1018	rVB5	1170	2657	0.27%	0.061%
32	9.348	1022	1024	1028	rVB3	285	387	0.04%	0.009%
33	9.589	1060	1070	1089	rVV	159458	360207	37.18%	8.279%
34	9.694	1089	1090	1095	rVB2	430	542	0.06%	0.012%
35	9.804	1106	1111	1113	rVB3	300	444	0.05%	0.010%
36	9.888	1123	1127	1132	rVB3	419	724	0.07%	0.017%
37	9.967	1132	1142	1151	rBV4	2097	4690	0.48%	0.108%
38	10.098	1158	1167	1181	rBV3	9449	23603	2.44%	0.543%

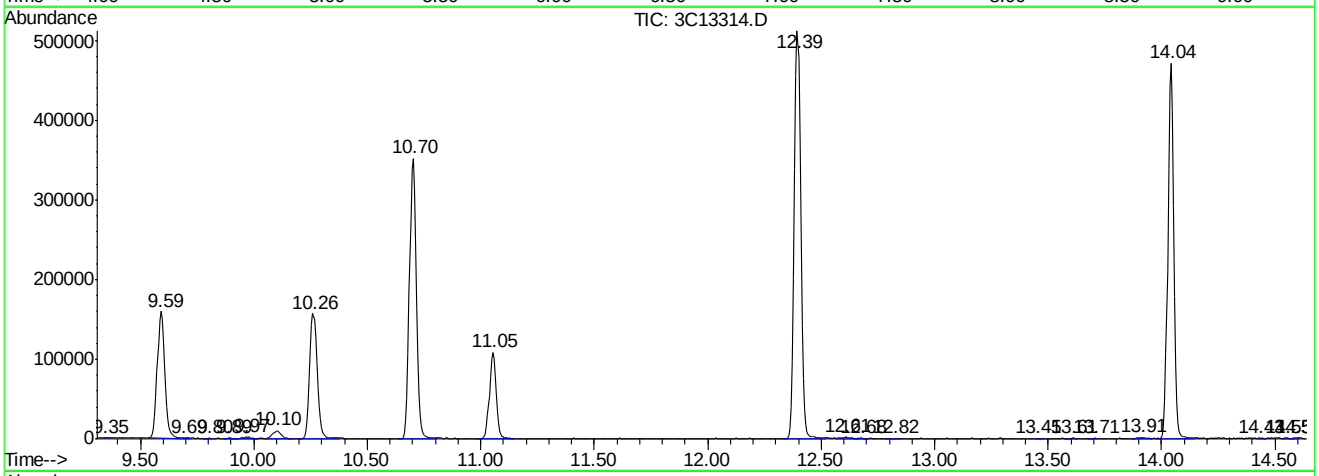
39	10.261	1185	1198	1220	rBV	157104	347638	35.88%	7.990%
40	10.701	1270	1282	1302	rBV	352024	721951	74.51%	16.594%
41	11.052	1336	1349	1366	rBV	108222	221954	22.91%	5.101%
42	12.394	1593	1605	1629	rBV	511818	968946	100.00%	22.271%
43	12.609	1638	1646	1655	rBV3	1971	3483	0.36%	0.080%
44	12.678	1655	1659	1665	rVB3	433	636	0.07%	0.015%
45	12.819	1679	1686	1691	rVB2	281	473	0.05%	0.011%
46	13.448	1805	1806	1812	rVB2	341	425	0.04%	0.010%
47	13.606	1830	1836	1839	rBV2	454	477	0.05%	0.011%
48	13.705	1850	1855	1856	rVB2	353	404	0.04%	0.009%
49	13.910	1886	1894	1902	rVB5	1655	2762	0.29%	0.063%
50	14.041	1906	1919	1939	rBV	471557	849677	87.69%	19.529%
51	14.429	1992	1993	1998	rBV3	362	473	0.05%	0.011%
52	14.549	2013	2016	2021	rVB3	325	451	0.05%	0.010%
53	14.591	2021	2024	2027	rBV2	458	526	0.05%	0.012%
54	14.759	2051	2056	2059	rVB2	229	388	0.04%	0.009%
55	14.801	2062	2064	2067	rVB2	516	490	0.05%	0.011%
56	14.833	2067	2070	2074	rBV3	364	620	0.06%	0.014%
57	15.116	2122	2124	2130	rVB3	546	743	0.08%	0.017%
58	15.163	2130	2133	2135	rBV3	338	414	0.04%	0.010%
59	15.220	2141	2144	2148	rBV2	407	470	0.05%	0.011%
60	15.320	2152	2163	2177	rBV	371036	641120	66.17%	14.736%
61	15.572	2208	2211	2214	rVB3	568	640	0.07%	0.015%
62	15.614	2214	2219	2223	rBV3	626	734	0.08%	0.017%
63	15.771	2247	2249	2254	rBV3	471	403	0.04%	0.009%
64	15.818	2254	2258	2259	rVB2	558	439	0.05%	0.010%
65	15.844	2260	2263	2265	rBV2	356	415	0.04%	0.010%
66	15.913	2272	2276	2279	rBV2	521	623	0.06%	0.014%
67	16.007	2291	2294	2297	rVB3	366	421	0.04%	0.010%
68	16.075	2298	2307	2309	rVB2	550	1006	0.10%	0.023%
69	16.128	2309	2317	2324	rBV5	1083	2720	0.28%	0.063%
70	16.238	2334	2338	2340	rVB3	803	972	0.10%	0.022%
71	16.269	2340	2344	2345	rBV3	729	651	0.07%	0.015%
72	16.280	2345	2346	2348	rBV2	609	457	0.05%	0.011%
73	16.332	2354	2356	2359	rBV2	748	651	0.07%	0.015%
74	16.416	2370	2372	2374	rBV2	561	438	0.05%	0.010%
75	16.557	2395	2399	2404	rBV5	464	765	0.08%	0.018%
76	16.615	2405	2410	2413	rVB3	404	474	0.05%	0.011%
77	16.652	2415	2417	2419	rBV3	760	532	0.05%	0.012%
78	16.814	2444	2448	2450	rBV5	590	654	0.07%	0.015%
79	16.862	2454	2457	2460	rBV3	798	638	0.07%	0.015%
80	16.904	2463	2465	2468	rBV3	520	427	0.04%	0.010%
81	16.956	2473	2475	2478	rBV3	833	554	0.06%	0.013%
82	16.977	2478	2479	2486	rVB5	894	1188	0.12%	0.027%
83	17.024	2486	2488	2491	rBV3	645	781	0.08%	0.018%
84	17.118	2504	2506	2507	rBV	759	451	0.05%	0.010%
85	17.171	2514	2516	2522	rVB6	1079	1318	0.14%	0.030%
86	17.218	2522	2525	2526	rBV3	1040	835	0.09%	0.019%
87	17.360	2549	2552	2554	rBV4	587	634	0.07%	0.015%

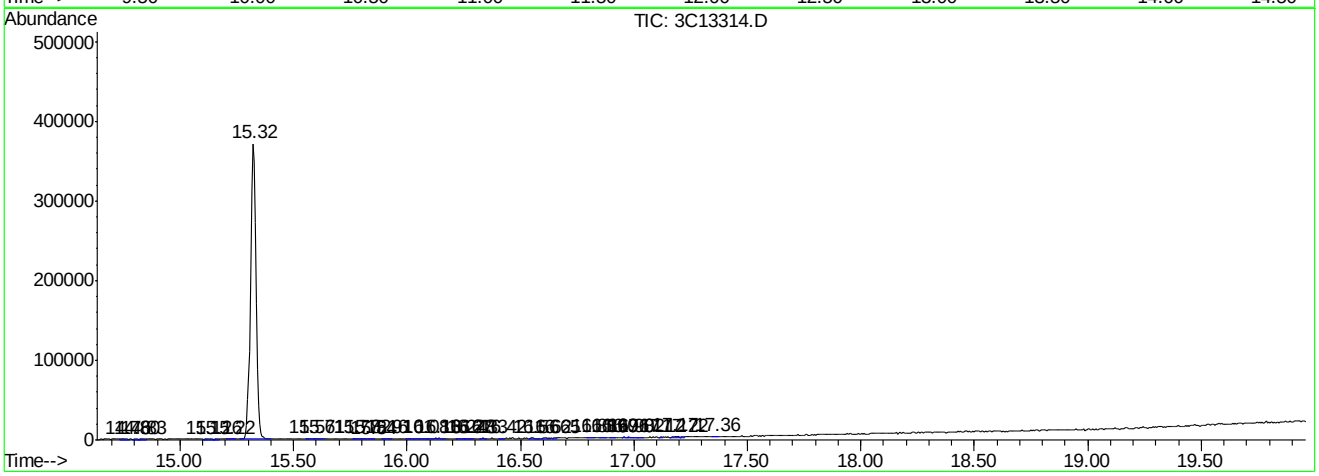
Sum of corrected areas: 4350761

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13314.D
Operator : PINGM
Acquired : 5 May 2006 7:54 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-6
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 23
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 7:54 pm
Data File: C:\MSDCHEM\1\DATA\3C13314.D
Name: J29228-6
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13315.D Vial: 24
Acq On : 5 May 2006 8:22 pm Operator: PINGM
Sample : J29228-7 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 20:46:30 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	57498	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	42959	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	277867	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	250678	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	137317	34.24	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 114.13%			
52) TOLUENE-d8 (SUR)	12.39	98	344707	30.06	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.20%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	137946	29.16	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 97.20%			

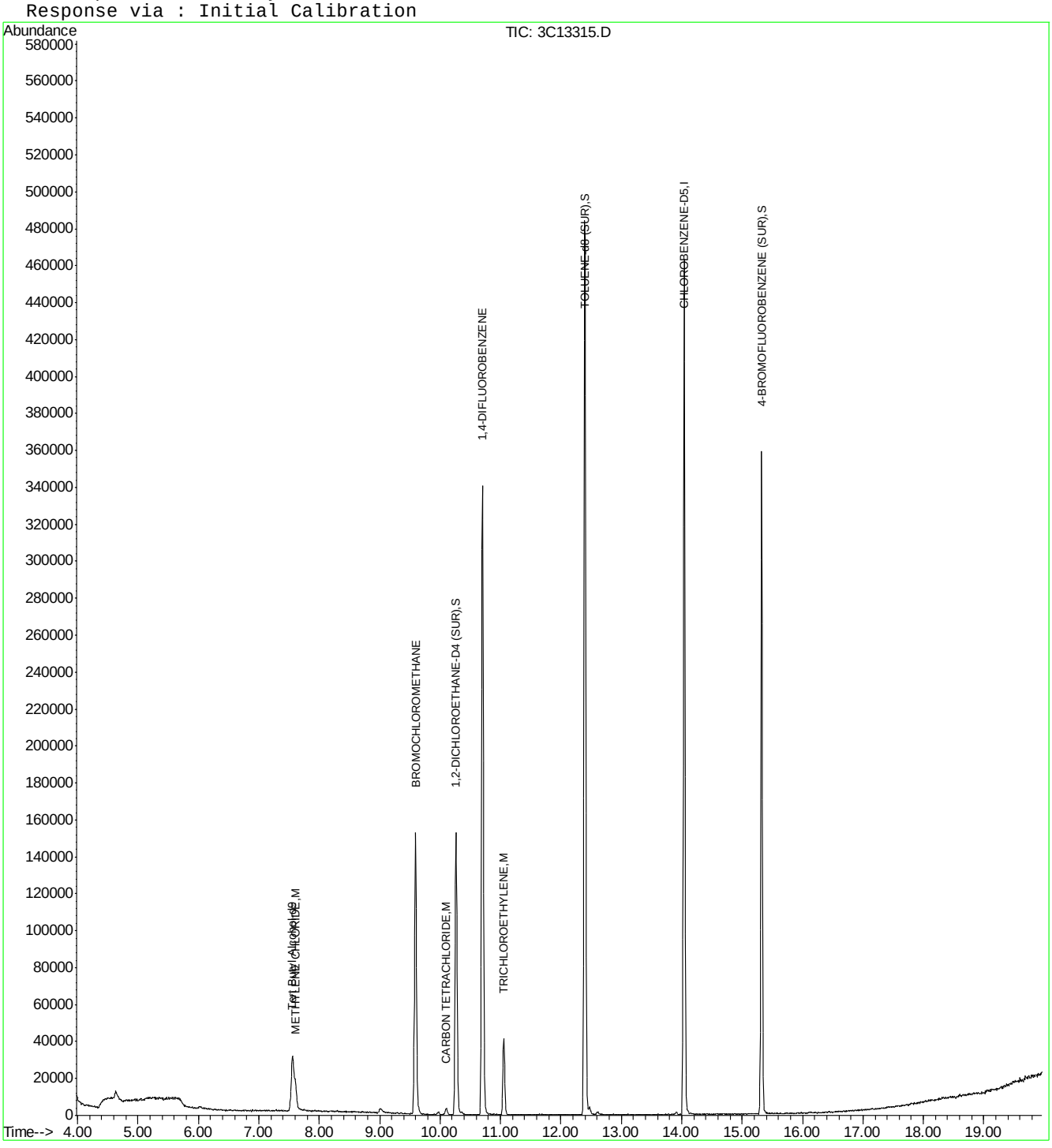
Target Compounds						Qvalue
19) METHYLENE CHLORIDE	7.61	84	4603	1.26	PPb	96
37) CARBON TETRACHLORIDE	10.10	117	2889	0.58	PPb	81
42) TRICHLOROETHYLENE	11.05	95	16133	4.68	PPb	96

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

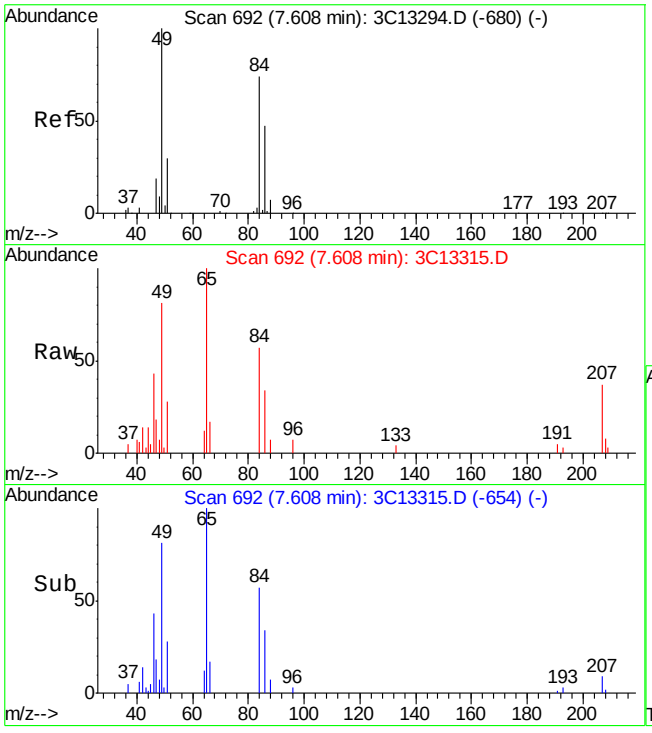
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13315.D Vial: 24
Acq On : 5 May 2006 8:22 pm Operator: PINGM
Sample : J29228-7 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:31 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



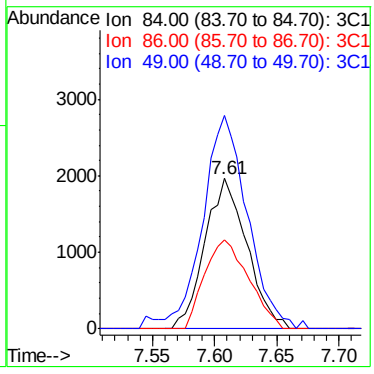
3C13315.D M3C576.M Mon May 08 15:15:34 2006 MS3C Page 2

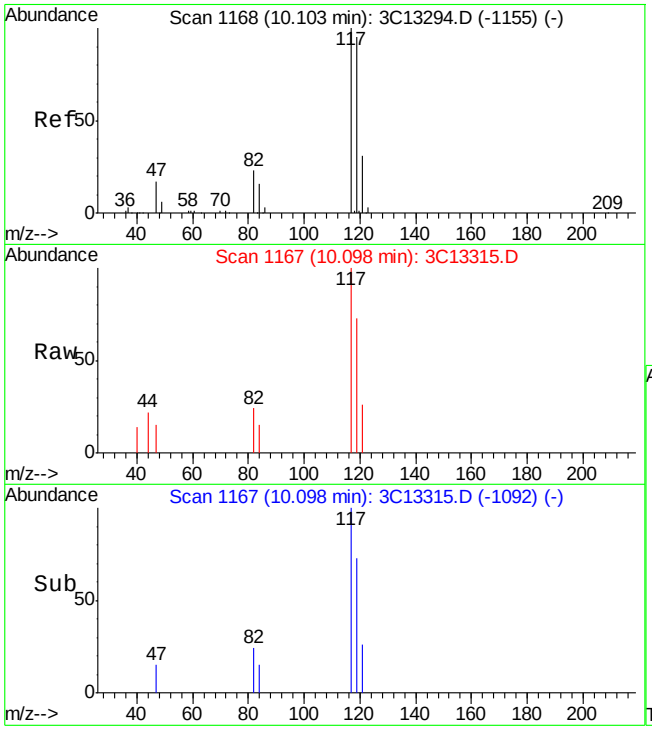


#19
METHYLENE CHLORIDE
Concen: 1.26 PPb
RT: 7.61 min Scan# 692
Delta R.T. 0.00 min
Lab File: 3C13315.D
Acq: 5 May 2006 8:22 pm

Tgt Ion: 84 Resp: 4603

Ion	Ratio	Lower	Upper
84	100		
86	59.3	33.4	93.4
49	139.0	105.3	165.3

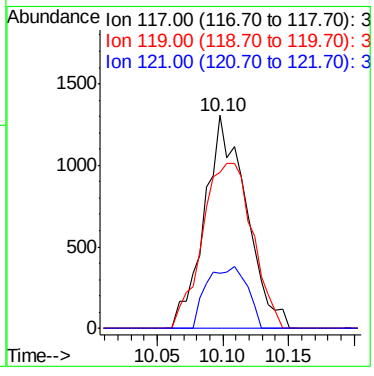


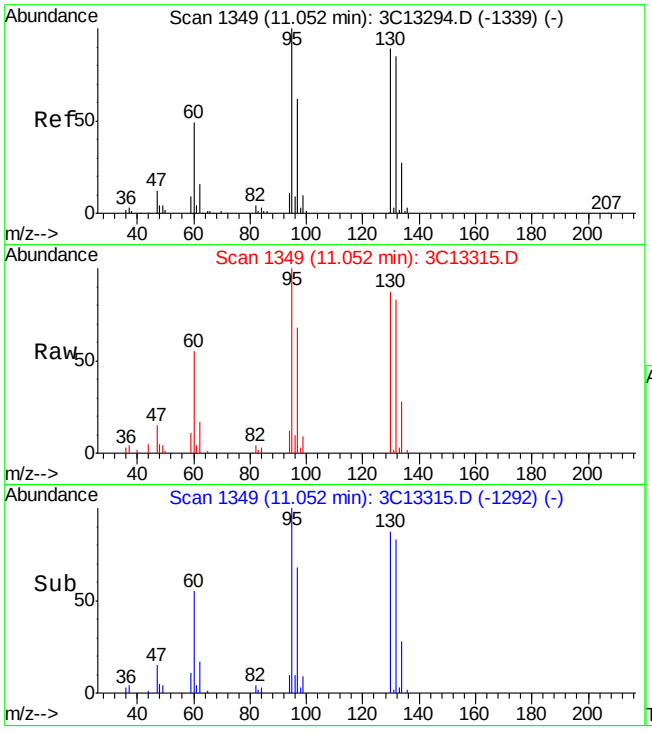


#37
CARBON TETRACHLORIDE
Concen: 0.58 PPb
RT: 10.10 min Scan# 1167
Delta R.T. -0.01 min
Lab File: 3C13315.D
Acq: 5 May 2006 8:22 pm

Tgt Ion:117 Resp: 2889

Ion	Ratio	Lower	Upper
117	100		
119	73.2	64.5	124.5
121	25.7	1.2	61.2

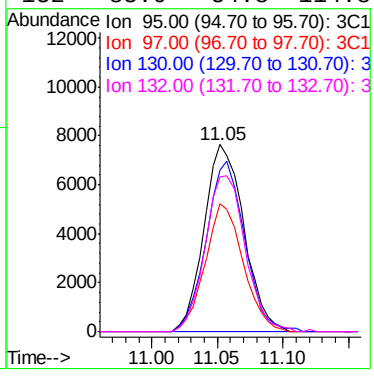




#42
TRICHLOROETHYLENE
Concen: 4.68 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13315.D
Acq: 5 May 2006 8:22 pm

Tgt Ion: 95 Resp: 16133

Ion	Ratio	Lower	Upper
95	100		
97	68.2	32.3	92.3
130	85.7	59.3	119.3
132	83.0	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\V3C576-577\3C13315.D Vial: 24
Acq On : 5 May 2006 8:22 pm Operator: PINGM
Sample : J29228-7 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

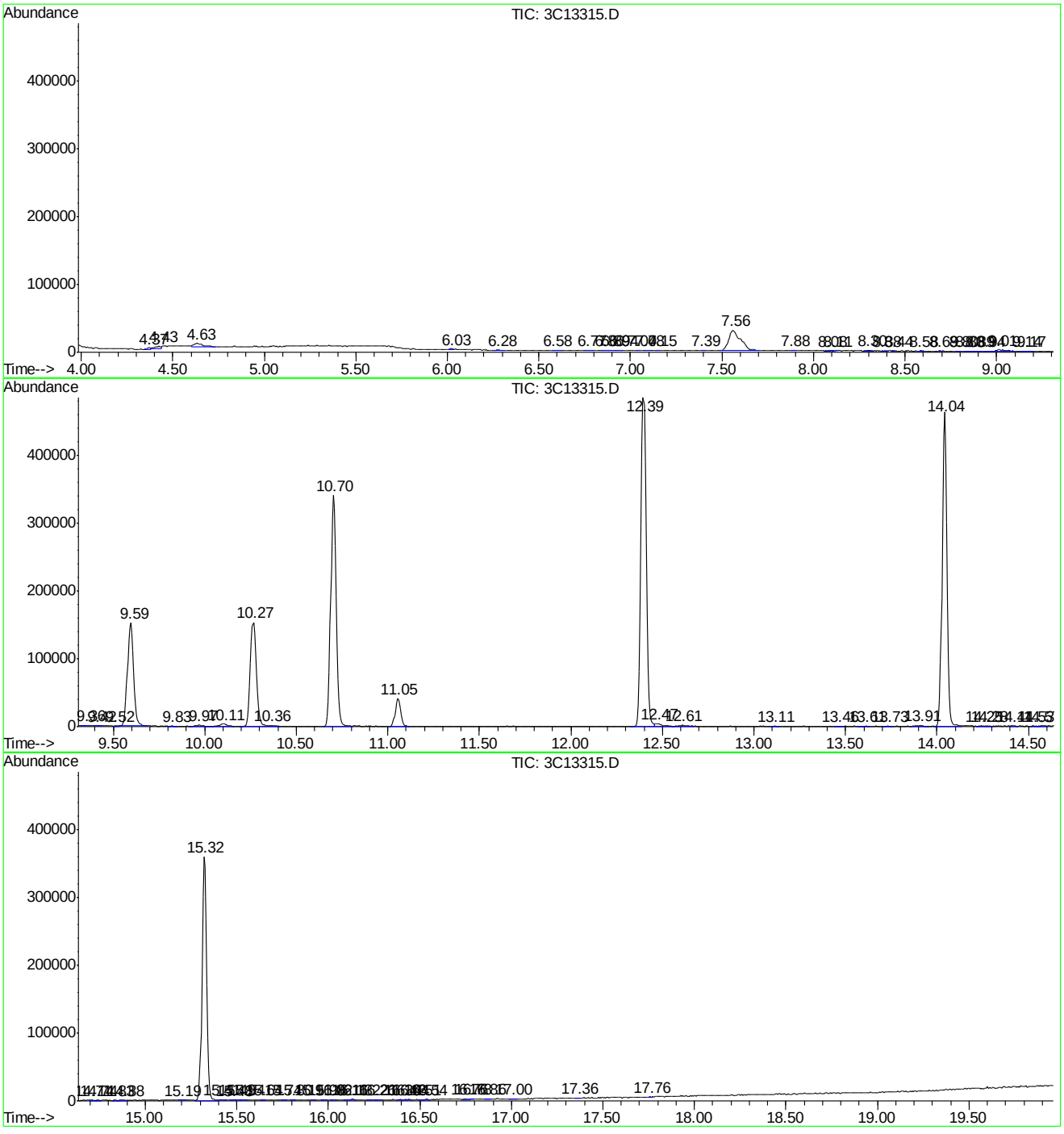
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.373	70	75	76	rBV3	1957	2121	0.23%	0.052%
2	4.425	76	85	88	rVV6	3074	7533	0.81%	0.183%
3	4.635	119	125	143	rVB6	5464	19047	2.04%	0.464%
4	6.029	386	391	392	rBV4	488	614	0.07%	0.015%
5	6.281	433	439	445	rBV7	717	1751	0.19%	0.043%
6	6.580	495	496	504	rBV5	595	875	0.09%	0.021%
7	6.769	529	532	538	rVB4	455	729	0.08%	0.018%
8	6.863	546	550	553	rVB3	706	1098	0.12%	0.027%
9	6.895	553	556	559	rBV3	1235	1190	0.13%	0.029%
10	6.942	561	565	567	rVV3	489	640	0.07%	0.016%
11	7.041	582	584	586	rBV3	606	500	0.05%	0.012%
12	7.083	591	592	596	rBV3	884	898	0.10%	0.022%
13	7.151	602	605	606	rBV3	749	505	0.05%	0.012%
14	7.393	650	651	654	rBV3	438	419	0.04%	0.010%
15	7.555	670	682	710	rBV2	29672	133606	14.31%	3.254%
16	7.880	743	744	749	rBV3	587	820	0.09%	0.020%
17	8.085	778	783	785	rBV3	688	1167	0.12%	0.028%
18	8.111	786	788	792	rVB4	613	620	0.07%	0.015%
19	8.300	819	824	829	rVB3	880	1186	0.13%	0.029%
20	8.378	838	839	844	rVV4	733	546	0.06%	0.013%
21	8.441	848	851	852	rVB2	776	578	0.06%	0.014%
22	8.583	875	878	883	rVB3	580	492	0.05%	0.012%
23	8.688	897	898	901	rVB2	610	451	0.05%	0.011%
24	8.798	915	919	920	rBV3	452	542	0.06%	0.013%
25	8.834	923	926	932	rVV3	439	897	0.10%	0.022%
26	8.887	933	936	941	rVB4	557	596	0.06%	0.015%
27	8.945	944	947	950	rVB3	701	756	0.08%	0.018%
28	9.013	950	960	976	rBV3	2520	11418	1.22%	0.278%
29	9.144	982	985	988	rVB3	482	419	0.04%	0.010%
30	9.170	988	990	995	rVB3	475	632	0.07%	0.015%
31	9.359	1019	1026	1028	rVB4	470	769	0.08%	0.019%
32	9.416	1033	1037	1042	rVB2	430	669	0.07%	0.016%
33	9.516	1053	1056	1059	rBV3	559	515	0.06%	0.013%
34	9.595	1059	1071	1088	rVV	152183	348802	37.35%	8.494%
35	9.825	1110	1115	1119	rBV3	269	548	0.06%	0.013%
36	9.967	1133	1142	1150	rVB3	1750	3782	0.40%	0.092%
37	10.109	1150	1169	1178	rBV4	3472	9027	0.97%	0.220%
38	10.266	1184	1199	1214	rBV	152777	339367	36.34%	8.264%

39	10.360	1214	1217	1226	rVB4	1415	2765	0.30%	0.067%
40	10.701	1272	1282	1302	rBV	340412	699205	74.87%	17.027%
41	11.052	1341	1349	1361	rVB2	41248	85151	9.12%	2.074%
42	12.394	1592	1605	1617	rBV	484315	933933	100.00%	22.744%
43	12.473	1617	1620	1636	rVV3	4053	8282	0.89%	0.202%
44	12.609	1636	1646	1657	rVV2	1509	3661	0.39%	0.089%
45	13.113	1738	1742	1746	rVB2	345	385	0.04%	0.009%
46	13.464	1804	1809	1814	rBV2	244	452	0.05%	0.011%
47	13.611	1829	1837	1840	rBV2	332	486	0.05%	0.012%
48	13.731	1854	1860	1865	rBV3	286	401	0.04%	0.010%
49	13.910	1883	1894	1901	rVB5	1498	2633	0.28%	0.064%
50	14.041	1908	1919	1937	rBV	463116	828107	88.67%	20.167%
51	14.245	1952	1958	1963	rVB2	657	999	0.11%	0.024%
52	14.277	1963	1964	1969	rBV2	366	390	0.04%	0.009%
53	14.413	1987	1990	1995	rBV2	265	464	0.05%	0.011%
54	14.528	2009	2012	2016	rBV3	394	435	0.05%	0.011%
55	14.565	2016	2019	2026	rVV2	304	591	0.06%	0.014%
56	14.707	2044	2046	2050	rVB3	363	414	0.04%	0.010%
57	14.738	2050	2052	2055	rBV3	454	404	0.04%	0.010%
58	14.833	2068	2070	2074	rVB2	400	481	0.05%	0.012%
59	14.885	2074	2080	2082	rBV3	388	671	0.07%	0.016%
60	15.194	2136	2139	2144	rVB3	391	445	0.05%	0.011%
61	15.320	2154	2163	2178	rBV	359007	622680	66.67%	15.164%
62	15.409	2179	2180	2186	rVB3	808	808	0.09%	0.020%
63	15.477	2190	2193	2195	rVB	400	411	0.04%	0.010%
64	15.493	2195	2196	2201	rBV3	521	587	0.06%	0.014%
65	15.540	2201	2205	2208	rBV2	480	581	0.06%	0.014%
66	15.640	2222	2224	2227	rBV3	641	530	0.06%	0.013%
67	15.745	2243	2244	2249	rVV2	562	454	0.05%	0.011%
68	15.802	2253	2255	2258	rVB2	575	523	0.06%	0.013%
69	15.907	2274	2275	2279	rBV2	506	494	0.05%	0.012%
70	15.981	2285	2289	2291	rBV3	576	494	0.05%	0.012%
71	16.023	2295	2297	2301	rBV3	616	611	0.07%	0.015%
72	16.112	2308	2314	2315	rBV2	836	795	0.09%	0.019%
73	16.128	2315	2317	2322	rVV3	829	1137	0.12%	0.028%
74	16.217	2333	2334	2339	rVB4	671	640	0.07%	0.016%
75	16.259	2340	2342	2348	rBV2	639	818	0.09%	0.020%
76	16.395	2364	2368	2370	rVB2	654	553	0.06%	0.013%
77	16.421	2370	2373	2375	rBV3	695	646	0.07%	0.016%
78	16.442	2375	2377	2379	rVV2	608	433	0.05%	0.011%
79	16.505	2387	2389	2391	rBV2	500	388	0.04%	0.009%
80	16.542	2391	2396	2398	rVV3	671	782	0.08%	0.019%
81	16.762	2432	2438	2440	rBV4	965	1470	0.16%	0.036%
82	16.783	2440	2442	2444	rBV3	552	410	0.04%	0.010%
83	16.862	2455	2457	2462	rBV3	569	800	0.09%	0.019%
84	17.003	2481	2484	2488	rBV5	703	952	0.10%	0.023%
85	17.365	2550	2553	2555	rBV3	844	679	0.07%	0.017%
86	17.758	2626	2628	2630	rBV3	958	789	0.08%	0.019%

Sum of corrected areas: 4106345

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\V3C576-577\3C13315.D
Operator : PINGM
Acquired : 5 May 2006 8:22 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-7
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 24
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 8:22 pm
Data File: C:\MSDCHEM\1\DATA\V3C576-577\3C13315.D
Name: J29228-7
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13316.D Vial: 25
Acq On : 5 May 2006 8:51 pm Operator: PINGM
Sample : J29228-8 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 21:15:20 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

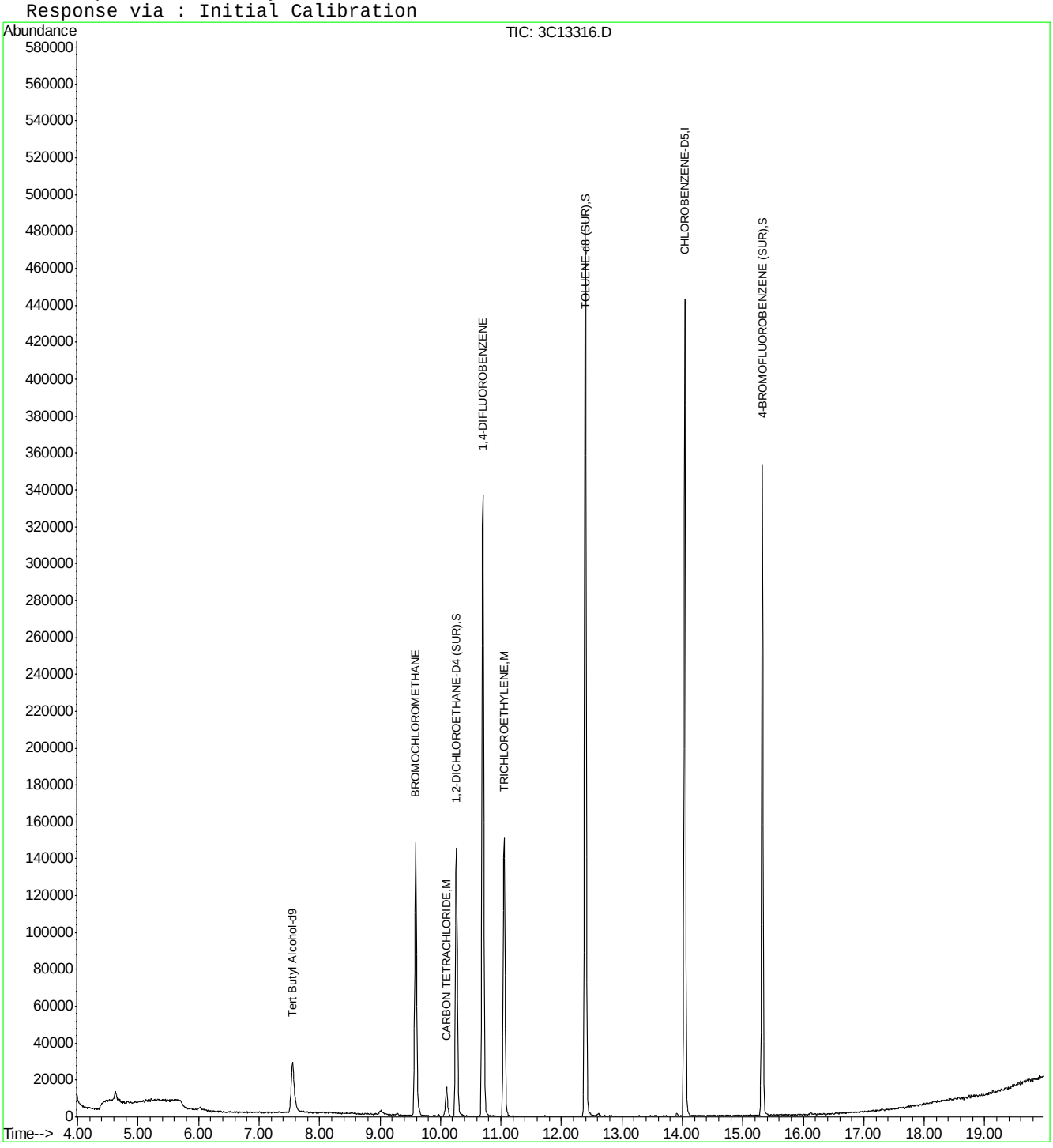
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	51496	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	41225	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	268769	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	243329	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	132346	34.39	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 114.63%						
52) TOLUENE-d8 (SUR)	12.39	98	334681	30.18	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.60%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	133874	29.16	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.20%						
Target Compounds						Qvalue
37) CARBON TETRACHLORIDE	10.10	117	12751	2.65	PPb	94
42) TRICHLOROETHYLENE	11.05	95	58024	17.41	PPb	99

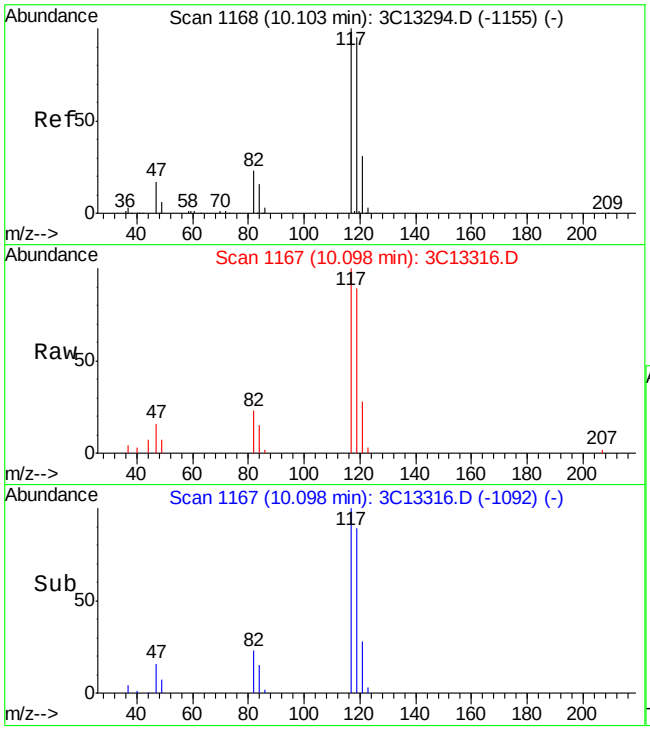
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13316.D Vial: 25
Acq On : 5 May 2006 8:51 pm Operator: PINGM
Sample : J29228-8 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:31 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

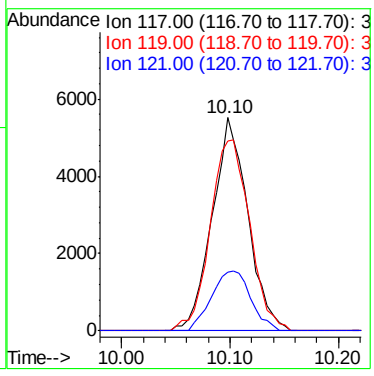


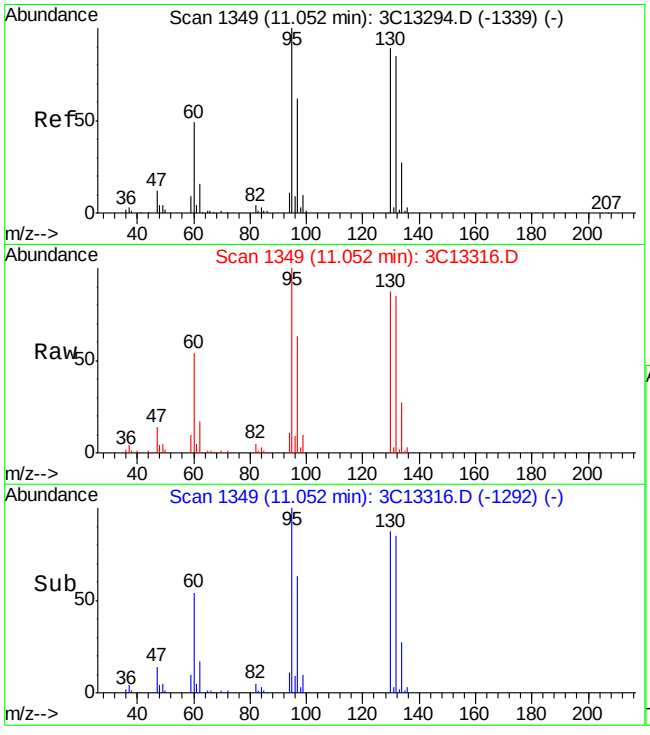


#37
CARBON TETRACHLORIDE
Concen: 2.65 PPb
RT: 10.10 min Scan# 1167
Delta R.T. -0.01 min
Lab File: 3C13316.D
Acq: 5 May 2006 8:51 pm

Tgt Ion:117 Resp: 12751

Ion	Ratio	Lower	Upper
117	100		
119	89.1	64.5	124.5
121	27.7	1.2	61.2

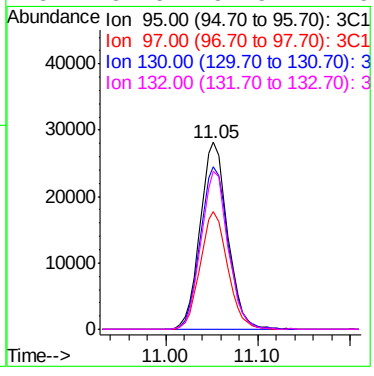




#42
TRICHLOROETHYLENE
Concen: 17.41 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13316.D
Acq: 5 May 2006 8:51 pm

Tgt Ion: 95 Resp: 58024

Ion	Ratio	Lower	Upper
95	100		
97	62.7	32.3	92.3
130	86.9	59.3	119.3
132	84.8	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13316.D Vial: 25
Acq On : 5 May 2006 8:51 pm Operator: PINGM
Sample : J29228-8 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.441	71	88	90	rBV10	4508	17752	1.94%	0.420%
2	4.624	119	123	129	rVB5	4627	8668	0.95%	0.205%
3	4.818	158	160	167	rVB7	1271	1897	0.21%	0.045%
4	5.117	215	217	218	rBV2	1631	1163	0.13%	0.028%
5	6.019	384	389	396	rVB5	1530	3147	0.34%	0.074%
6	6.155	413	415	419	rBV4	1067	1059	0.12%	0.025%
7	6.192	419	422	426	rVB5	964	1501	0.16%	0.035%
8	6.297	440	442	444	rBV3	600	619	0.07%	0.015%
9	6.365	454	455	461	rVB5	796	855	0.09%	0.020%
10	6.402	461	462	467	rVB4	730	752	0.08%	0.018%
11	6.496	477	480	482	rVB2	386	400	0.04%	0.009%
12	6.538	487	488	496	rVB5	595	958	0.10%	0.023%
13	6.590	496	498	500	rVB3	551	381	0.04%	0.009%
14	6.616	500	503	505	rBV4	722	748	0.08%	0.018%
15	6.669	510	513	516	rBV3	1064	1458	0.16%	0.034%
16	6.700	516	519	520	rVV2	566	438	0.05%	0.010%
17	6.716	521	522	528	rVB4	836	885	0.10%	0.021%
18	6.790	533	536	540	rVB2	686	920	0.10%	0.022%
19	6.816	540	541	545	rBV2	742	520	0.06%	0.012%
20	6.863	545	550	552	rBV3	613	685	0.07%	0.016%
21	6.973	565	571	574	rBV3	562	614	0.07%	0.015%
22	7.010	575	578	582	rVB3	531	615	0.07%	0.015%
23	7.094	591	594	598	rBV4	517	913	0.10%	0.022%
24	7.240	621	622	628	rVB4	542	629	0.07%	0.015%
25	7.555	669	682	704	rBV2	27310	103790	11.34%	2.455%
26	7.796	723	728	731	rVB3	550	815	0.09%	0.019%
27	7.854	737	739	745	rVB4	736	726	0.08%	0.017%
28	8.121	788	790	795	rVB5	632	872	0.10%	0.021%
29	8.168	795	799	803	rBV2	969	1323	0.14%	0.031%
30	8.315	825	827	832	rVB2	864	805	0.09%	0.019%
31	8.352	832	834	837	rVB2	507	596	0.07%	0.014%
32	8.378	837	839	840	rBV2	847	458	0.05%	0.011%
33	8.488	856	860	863	rVB3	427	564	0.06%	0.013%
34	8.520	863	866	869	rBV3	747	689	0.08%	0.016%
35	8.541	869	870	873	rBV	808	605	0.07%	0.014%
36	8.619	883	885	889	rVB2	414	447	0.05%	0.011%
37	8.761	908	912	914	rBV3	488	610	0.07%	0.014%
38	8.850	924	929	932	rBV4	538	571	0.06%	0.014%

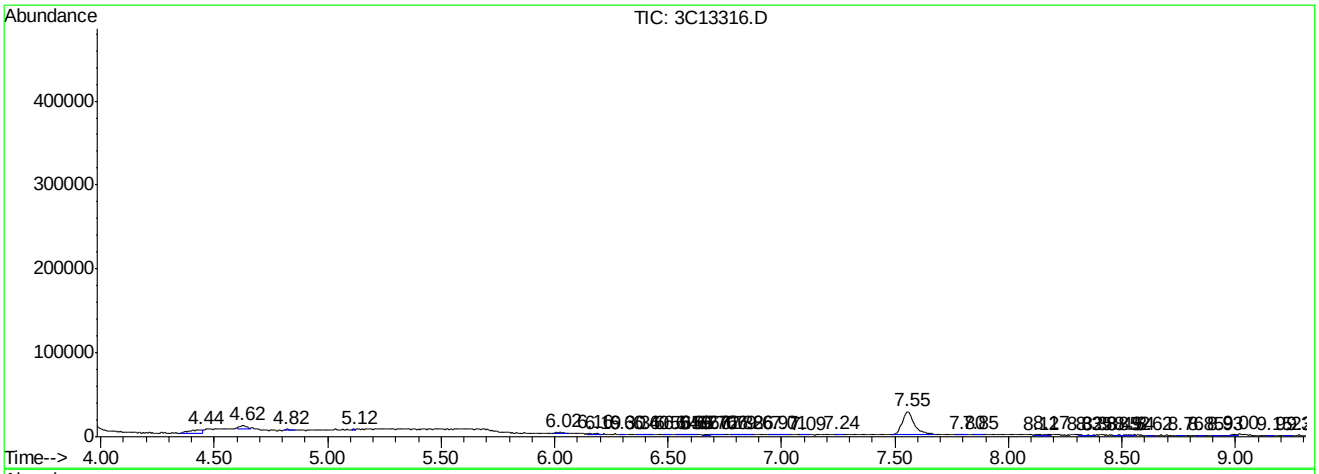
39	8.934	938	945	947	rBV3	519	696	0.08%	0.016%
40	9.002	950	958	960	rBV3	1928	3394	0.37%	0.080%
41	9.149	983	986	989	rVB2	364	418	0.05%	0.010%
42	9.233	999	1002	1005	rVB3	735	631	0.07%	0.015%
43	9.280	1005	1011	1020	rBV5	1205	2830	0.31%	0.067%
44	9.453	1041	1044	1046	rBV2	541	530	0.06%	0.013%
45	9.589	1060	1070	1092	rVB	148177	336834	36.81%	7.966%
46	9.893	1123	1128	1130	rBV3	526	642	0.07%	0.015%
47	9.967	1134	1142	1150	rBV2	924	1582	0.17%	0.037%
48	10.098	1155	1167	1179	rVV2	16061	38930	4.25%	0.921%
49	10.260	1188	1198	1227	rBV	145519	327291	35.77%	7.740%
50	10.701	1268	1282	1302	rBV	336740	683027	74.64%	16.153%
51	10.821	1304	1305	1313	rVB3	431	734	0.08%	0.017%
52	11.052	1337	1349	1363	rBV	151018	309898	33.87%	7.329%
53	11.131	1363	1364	1373	rVB2	395	475	0.05%	0.011%
54	12.069	1536	1543	1549	rBV2	226	563	0.06%	0.013%
55	12.394	1595	1605	1632	rBV	485680	915090	100.00%	21.641%
56	12.573	1634	1639	1640	rVV2	503	633	0.07%	0.015%
57	12.620	1640	1648	1660	rVV2	1403	3769	0.41%	0.089%
58	12.714	1660	1666	1668	rVB3	320	384	0.04%	0.009%
59	13.202	1756	1759	1764	rVB3	319	504	0.06%	0.012%
60	13.286	1767	1775	1777	rBV2	403	703	0.08%	0.017%
61	13.574	1827	1830	1835	rBV2	460	489	0.05%	0.012%
62	13.904	1883	1893	1901	rBV5	1278	2517	0.28%	0.060%
63	14.041	1908	1919	1938	rBV	442528	805222	87.99%	19.043%
64	14.214	1947	1952	1954	rVB3	368	438	0.05%	0.010%
65	14.528	2006	2012	2014	rVB3	409	466	0.05%	0.011%
66	15.011	2100	2104	2108	rBV3	347	427	0.05%	0.010%
67	15.121	2120	2125	2133	rVB3	510	995	0.11%	0.024%
68	15.320	2155	2163	2181	rVB	353228	603218	65.92%	14.265%
69	15.461	2186	2190	2192	rVV3	454	499	0.05%	0.012%
70	15.514	2195	2200	2204	rVB2	397	626	0.07%	0.015%
71	15.771	2241	2249	2253	rVB2	596	1153	0.13%	0.027%
72	15.808	2253	2256	2262	rBV2	499	808	0.09%	0.019%
73	15.912	2272	2276	2279	rBV2	560	769	0.08%	0.018%
74	16.023	2296	2297	2301	rBV2	360	382	0.04%	0.009%
75	16.101	2307	2312	2313	rVB2	662	671	0.07%	0.016%
76	16.122	2313	2316	2323	rBV3	1132	1973	0.22%	0.047%
77	16.237	2335	2338	2341	rBV3	746	722	0.08%	0.017%
78	16.327	2354	2355	2358	rVB2	708	456	0.05%	0.011%
79	16.363	2358	2362	2364	rVB2	693	823	0.09%	0.019%
80	16.395	2364	2368	2370	rBV3	729	983	0.11%	0.023%
81	16.421	2370	2373	2374	rVB3	737	583	0.06%	0.014%
82	16.536	2388	2395	2398	rBV5	703	975	0.11%	0.023%
83	16.599	2406	2407	2410	rBV3	814	637	0.07%	0.015%
84	16.646	2414	2416	2419	rBV2	681	501	0.05%	0.012%
85	16.903	2464	2465	2467	rBV	769	561	0.06%	0.013%
86	16.940	2471	2472	2474	rBV2	593	400	0.04%	0.009%
87	16.987	2479	2481	2483	rVV3	764	553	0.06%	0.013%
88	17.013	2483	2486	2488	rVV3	615	575	0.06%	0.014%
89	17.045	2491	2492	2495	rVB3	779	605	0.07%	0.014%
90	17.082	2496	2499	2505	rBV5	633	957	0.10%	0.023%
91	17.155	2505	2513	2517	rBV8	811	2219	0.24%	0.052%
92	17.260	2532	2533	2536	rBV2	597	500	0.05%	0.012%
93	17.365	2552	2553	2556	rBV3	899	670	0.07%	0.016%
94	17.590	2593	2596	2597	rBV3	506	459	0.05%	0.011%
95	17.695	2613	2616	2617	rBV3	1014	1184	0.13%	0.028%

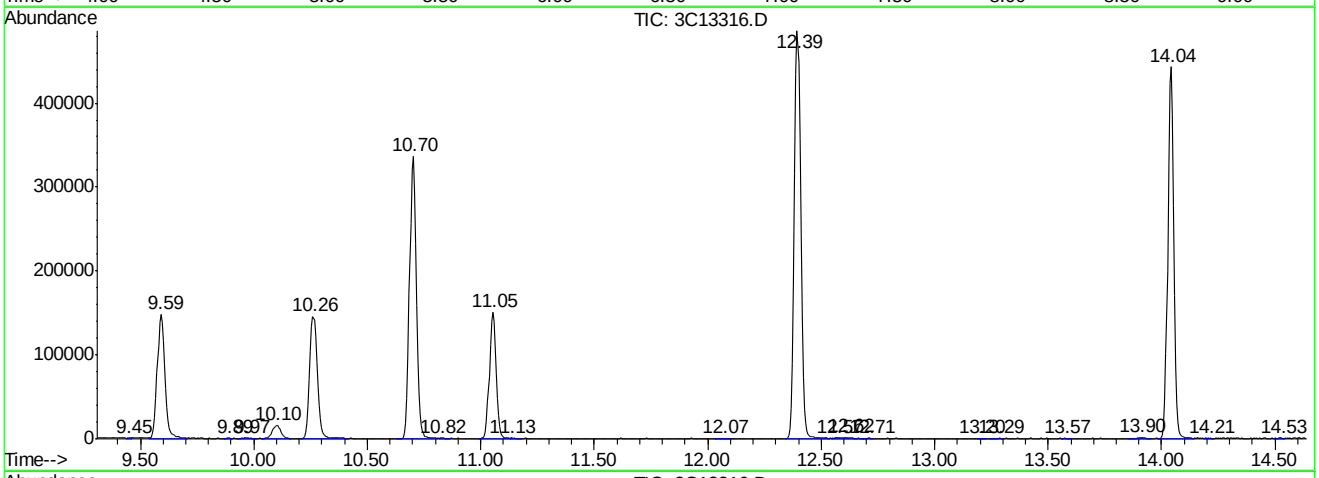
96	17.774	2629	2631	2633	rBV2	1326	846	0.09%	0.020%
97	17.968	2665	2668	2669	rBV3	977	825	0.09%	0.020%
98	18.770	2819	2821	2824	rBV4	2078	1856	0.20%	0.044%

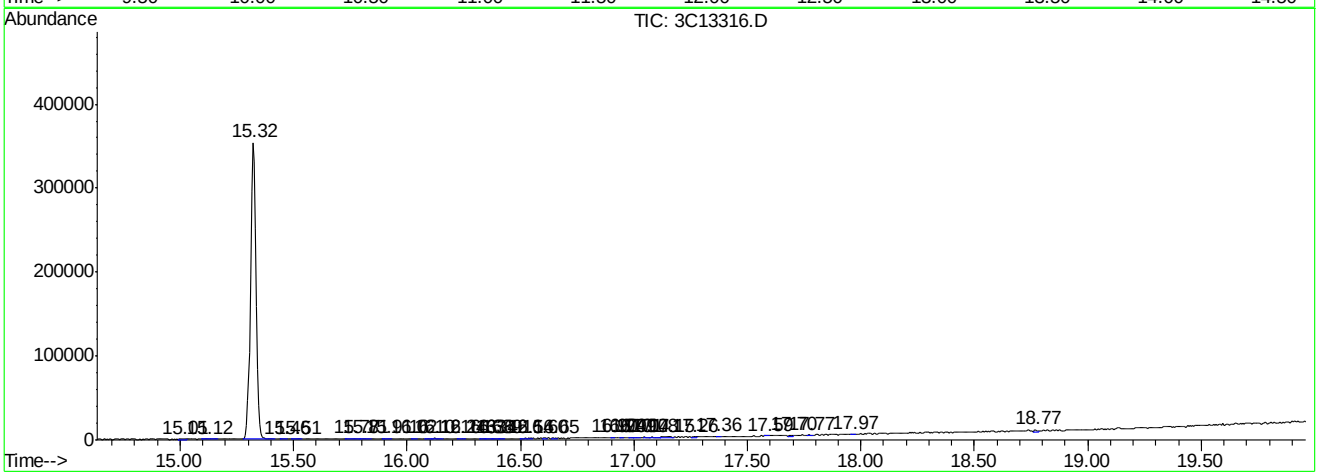
Sum of corrected areas: 4228549

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13316.D
Operator : PINGM
Acquired : 5 May 2006 8:51 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-8
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 25
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 8:51 pm
Data File: C:\MSDCHEM\1\DATA\3C13316.D
Name: J29228-8
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13317.D Vial: 26
Acq On : 5 May 2006 9:21 pm Operator: PINGM
Sample : J29228-9 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 21:44:33 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	55426	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	41461	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	265655	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	241035	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	135053	34.90	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 116.33%			
52) TOLUENE-d8 (SUR)	12.39	98	331288	30.22	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.73%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	130323	28.65	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 95.50%			

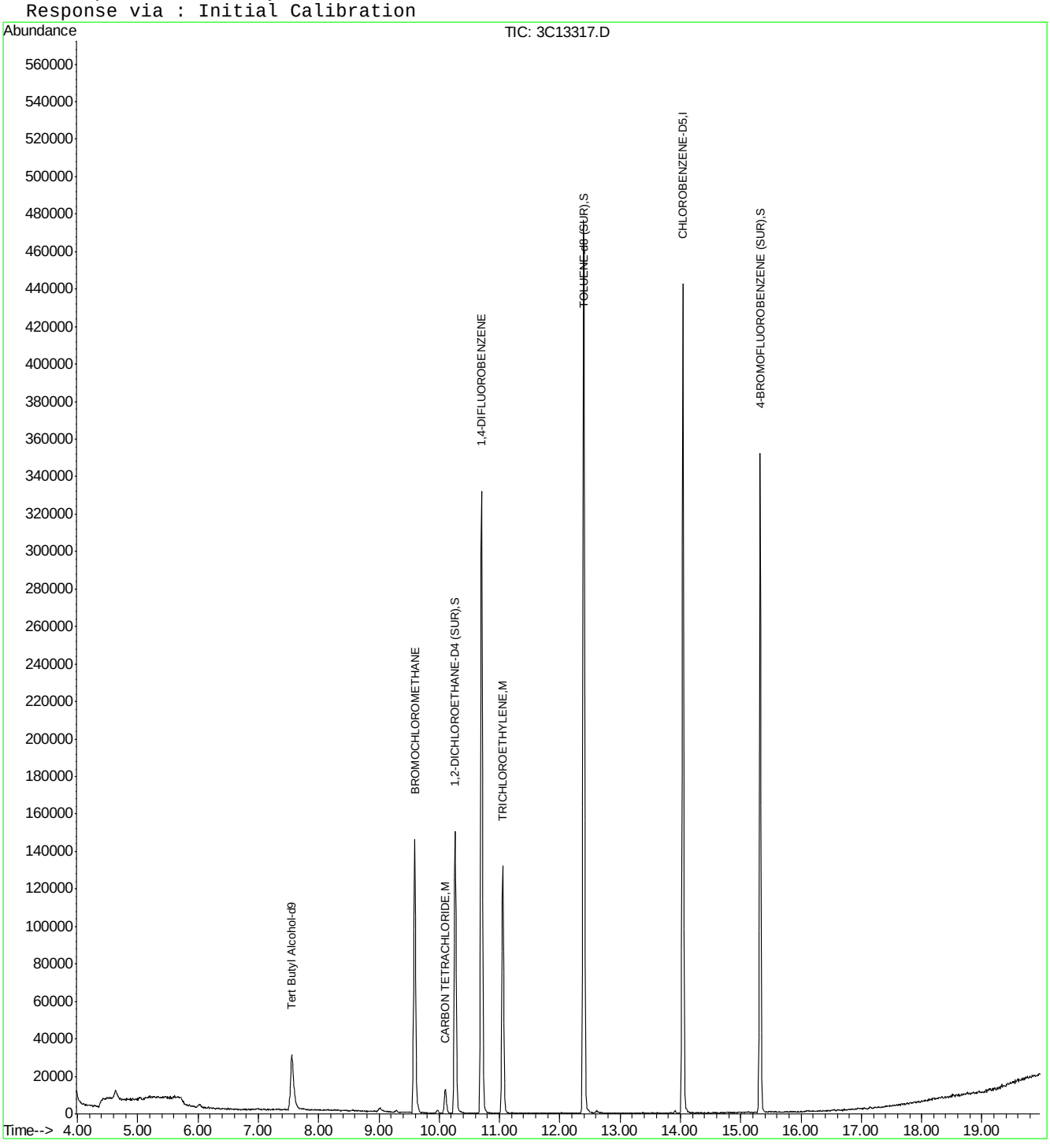
Target Compounds						Qvalue
37) CARBON TETRACHLORIDE	10.10	117	10714	2.25	PPb	93
42) TRICHLOROETHYLENE	11.05	95	49605	15.06	PPb	99

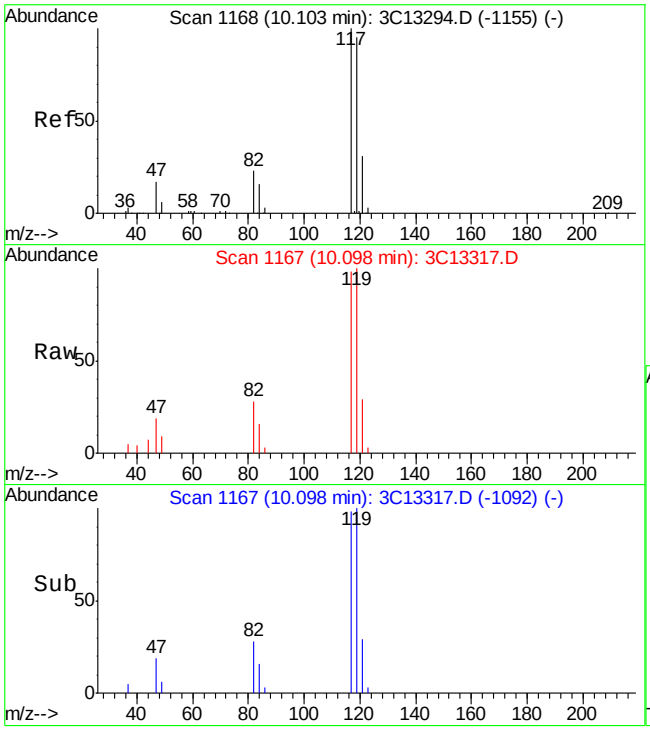
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13317.D Vial: 26
Acq On : 5 May 2006 9:21 pm Operator: PINGM
Sample : J29228-9 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:32 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

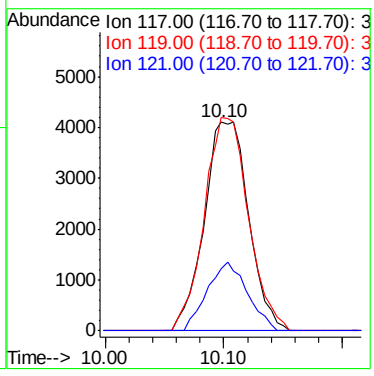


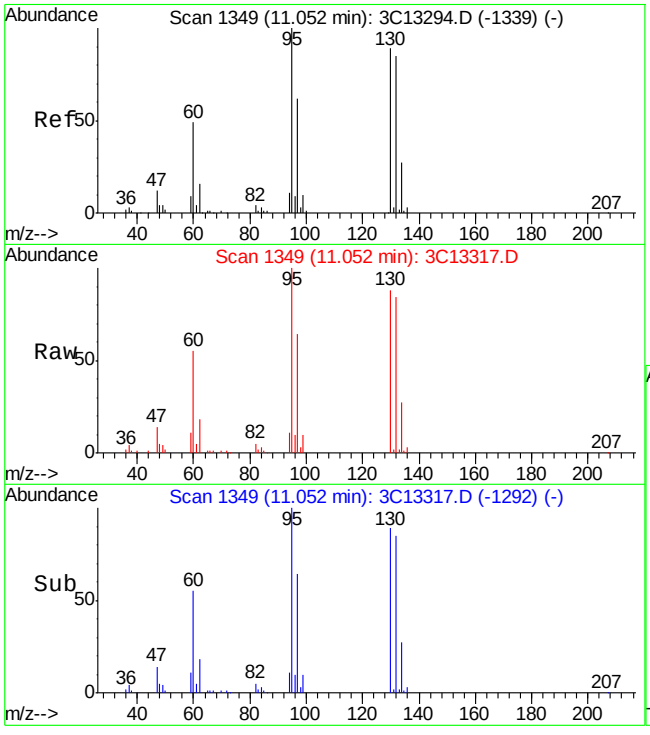


#37
CARBON TETRACHLORIDE
Concen: 2.25 PPb
RT: 10.10 min Scan# 1167
Delta R.T. -0.01 min
Lab File: 3C13317.D
Acq: 5 May 2006 9:21 pm

Tgt Ion:117 Resp: 10714

Ion	Ratio	Lower	Upper
117	100		
119	102.3	64.5	124.5
121	29.7	1.2	61.2

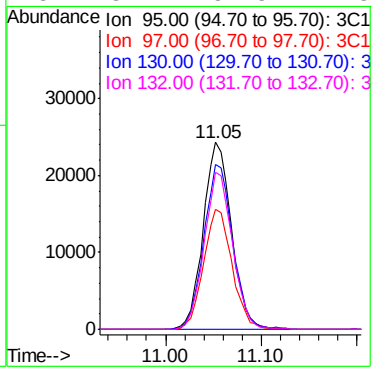




#42
TRICHLOROETHYLENE
Concen: 15.06 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13317.D
Acq: 5 May 2006 9:21 pm

Tgt Ion: 95 Resp: 49605

Ion	Ratio	Lower	Upper
95	100		
97	63.9	32.3	92.3
130	88.4	59.3	119.3
132	84.2	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13317.D Vial: 26
Acq On : 5 May 2006 9:21 pm Operator: PINGM
Sample : J29228-9 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

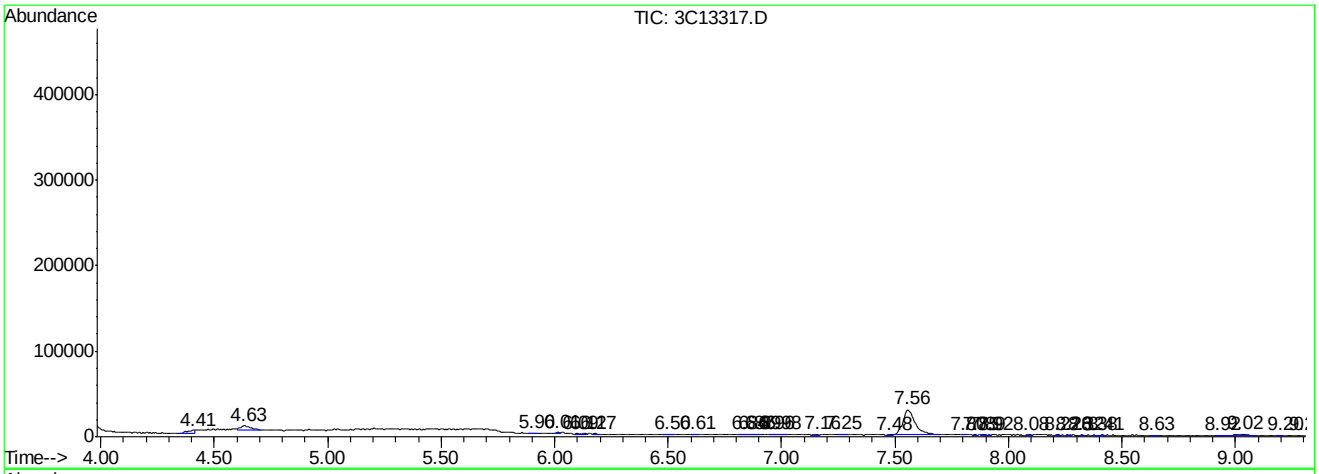
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.409	71	82	83	rBV7	4075	9969	1.10%	0.239%
2	4.629	119	124	138	rVB6	5426	17820	1.97%	0.428%
3	5.898	364	366	370	rVB4	822	911	0.10%	0.022%
4	6.014	385	388	390	rBV3	962	1055	0.12%	0.025%
5	6.092	402	403	408	rBV5	761	934	0.10%	0.022%
6	6.124	408	409	413	rBV4	876	878	0.10%	0.021%
7	6.171	417	418	423	rVB4	903	783	0.09%	0.019%
8	6.496	477	480	485	rBV5	739	614	0.07%	0.015%
9	6.611	500	502	505	rBV3	647	758	0.08%	0.018%
10	6.837	540	545	548	rBV3	751	979	0.11%	0.023%
11	6.868	549	551	553	rVB2	558	514	0.06%	0.012%
12	6.894	554	556	559	rVB3	453	441	0.05%	0.011%
13	6.957	566	568	570	rBV2	541	387	0.04%	0.009%
14	6.984	570	573	580	rVB4	706	1344	0.15%	0.032%
15	7.157	601	606	608	rVB2	917	1136	0.13%	0.027%
16	7.251	623	624	631	rBV6	699	867	0.10%	0.021%
17	7.476	664	667	670	rBV3	582	692	0.08%	0.017%
18	7.555	670	682	708	rBV2	29494	115024	12.70%	2.761%
19	7.801	727	729	731	rVB3	539	471	0.05%	0.011%
20	7.854	737	739	741	rBV3	645	485	0.05%	0.012%
21	7.885	743	745	749	rVB2	698	821	0.09%	0.020%
22	7.917	749	751	752	rBV2	749	466	0.05%	0.011%
23	8.079	781	782	787	rVB3	749	1042	0.12%	0.025%
24	8.216	805	808	811	rBV3	620	665	0.07%	0.016%
25	8.263	815	817	820	rBV2	629	432	0.05%	0.010%
26	8.321	826	828	831	rBV3	701	574	0.06%	0.014%
27	8.378	837	839	844	rBV2	755	980	0.11%	0.024%
28	8.410	844	845	848	rBV	444	413	0.05%	0.010%
29	8.630	886	887	892	rVB4	530	637	0.07%	0.015%
30	8.923	941	943	948	rBV3	407	506	0.06%	0.012%
31	9.023	950	962	975	rBV3	2037	7486	0.83%	0.180%
32	9.196	992	995	997	rVB4	465	421	0.05%	0.010%
33	9.290	1005	1013	1019	rVB5	993	2224	0.25%	0.053%
34	9.469	1039	1047	1048	rVB3	259	432	0.05%	0.010%
35	9.595	1060	1071	1090	rVB	146045	341137	37.65%	8.188%
36	9.893	1122	1128	1133	rVB2	208	403	0.04%	0.010%
37	9.972	1133	1143	1150	rBV4	1683	3912	0.43%	0.094%
38	10.098	1158	1167	1180	rBV2	13030	33140	3.66%	0.795%

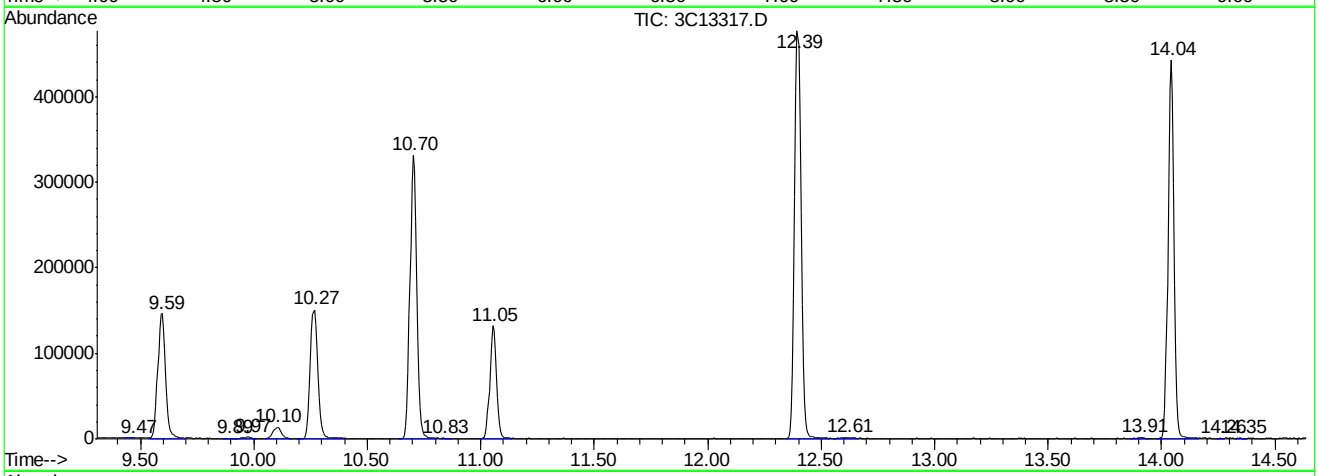
39	10.266	1184	1199	1224	rBV	150341	333063	36.76%	7.994%
40	10.701	1270	1282	1302	rBV	331641	676746	74.69%	16.244%
41	10.832	1306	1307	1314	rVB2	433	504	0.06%	0.012%
42	11.052	1338	1349	1365	rBV	131937	270253	29.83%	6.487%
43	12.394	1596	1605	1632	rBV	476670	906023	100.00%	21.747%
44	12.615	1636	1647	1655	rBV4	1281	3327	0.37%	0.080%
45	13.915	1885	1895	1900	rBV4	1232	2231	0.25%	0.054%
46	14.041	1907	1919	1942	rBV	442438	801360	88.45%	19.235%
47	14.261	1958	1961	1964	rBV	456	661	0.07%	0.016%
48	14.350	1974	1978	1982	rVB2	345	423	0.05%	0.010%
49	14.680	2035	2041	2043	rBV2	370	443	0.05%	0.011%
50	14.979	2096	2098	2104	rVB3	273	419	0.05%	0.010%
51	15.320	2153	2163	2180	rBV	351562	599843	66.21%	14.398%
52	15.462	2185	2190	2192	rBV4	730	798	0.09%	0.019%
53	15.813	2255	2257	2261	rVB2	617	591	0.07%	0.014%
54	15.850	2261	2264	2267	rBV3	483	538	0.06%	0.013%
55	15.949	2280	2283	2286	rVB2	615	543	0.06%	0.013%
56	15.986	2286	2290	2292	rBV3	589	731	0.08%	0.018%
57	16.044	2298	2301	2304	rBV3	448	394	0.04%	0.009%
58	16.075	2304	2307	2309	rBV2	446	380	0.04%	0.009%
59	16.117	2313	2315	2316	rBV2	649	416	0.05%	0.010%
60	16.279	2344	2346	2351	rVB2	463	578	0.06%	0.014%
61	16.316	2351	2353	2356	rBV3	755	633	0.07%	0.015%
62	16.363	2360	2362	2367	rVV3	655	726	0.08%	0.017%
63	16.416	2369	2372	2374	rBV2	647	713	0.08%	0.017%
64	16.437	2374	2376	2382	rVB5	412	591	0.07%	0.014%
65	16.547	2396	2397	2402	rVB2	605	418	0.05%	0.010%
66	16.631	2407	2413	2417	rBV5	567	775	0.09%	0.019%
67	16.678	2420	2422	2424	rVB3	849	591	0.07%	0.014%
68	16.709	2424	2428	2430	rBV4	961	1237	0.14%	0.030%
69	16.856	2455	2456	2461	rVB3	574	650	0.07%	0.016%
70	16.951	2469	2474	2479	rBV4	754	1352	0.15%	0.032%
71	17.045	2489	2492	2495	rBV4	728	1008	0.11%	0.024%
72	17.139	2505	2510	2517	rBV5	966	2017	0.22%	0.048%
73	17.218	2521	2525	2529	rBV4	702	1096	0.12%	0.026%
74	17.475	2573	2574	2580	rBV4	744	1063	0.12%	0.026%
75	17.517	2581	2582	2585	rBV2	749	704	0.08%	0.017%
76	18.172	2706	2707	2708	rBV	1420	610	0.07%	0.015%

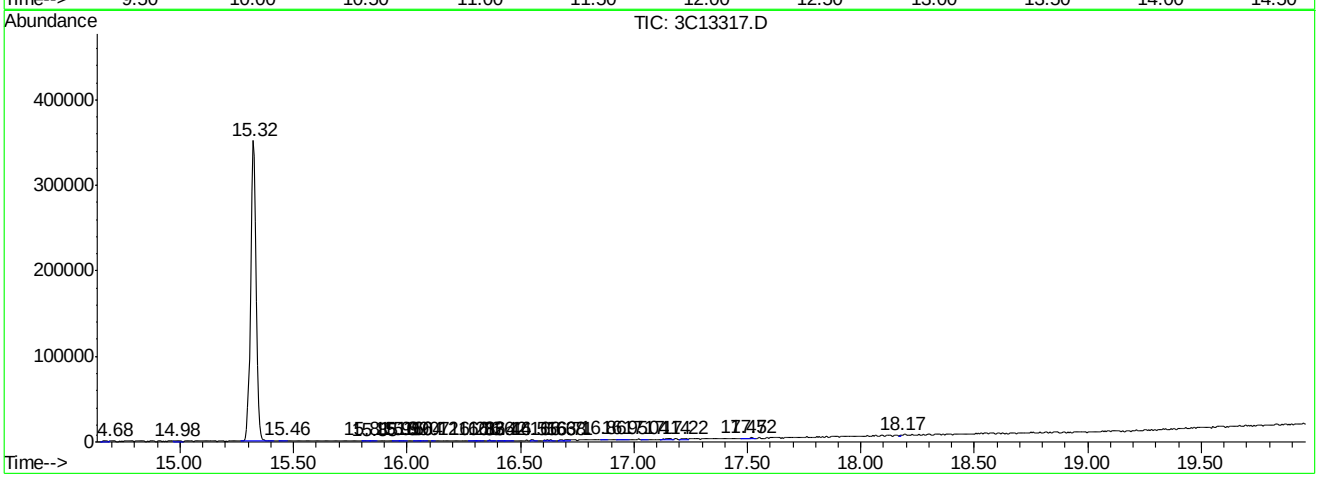
Sum of corrected areas: 4166202

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13317.D
Operator : PINGM
Acquired : 5 May 2006 9:21 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-9
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 26
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 9:21 pm
Data File: C:\MSDCHEM\1\DATA\3C13317.D
Name: J29228-9
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

						--Internal Standard---|		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13318.D Vial: 27
Acq On : 5 May 2006 9:50 pm Operator: PINGM
Sample : J29228-10 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 22:13:47 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

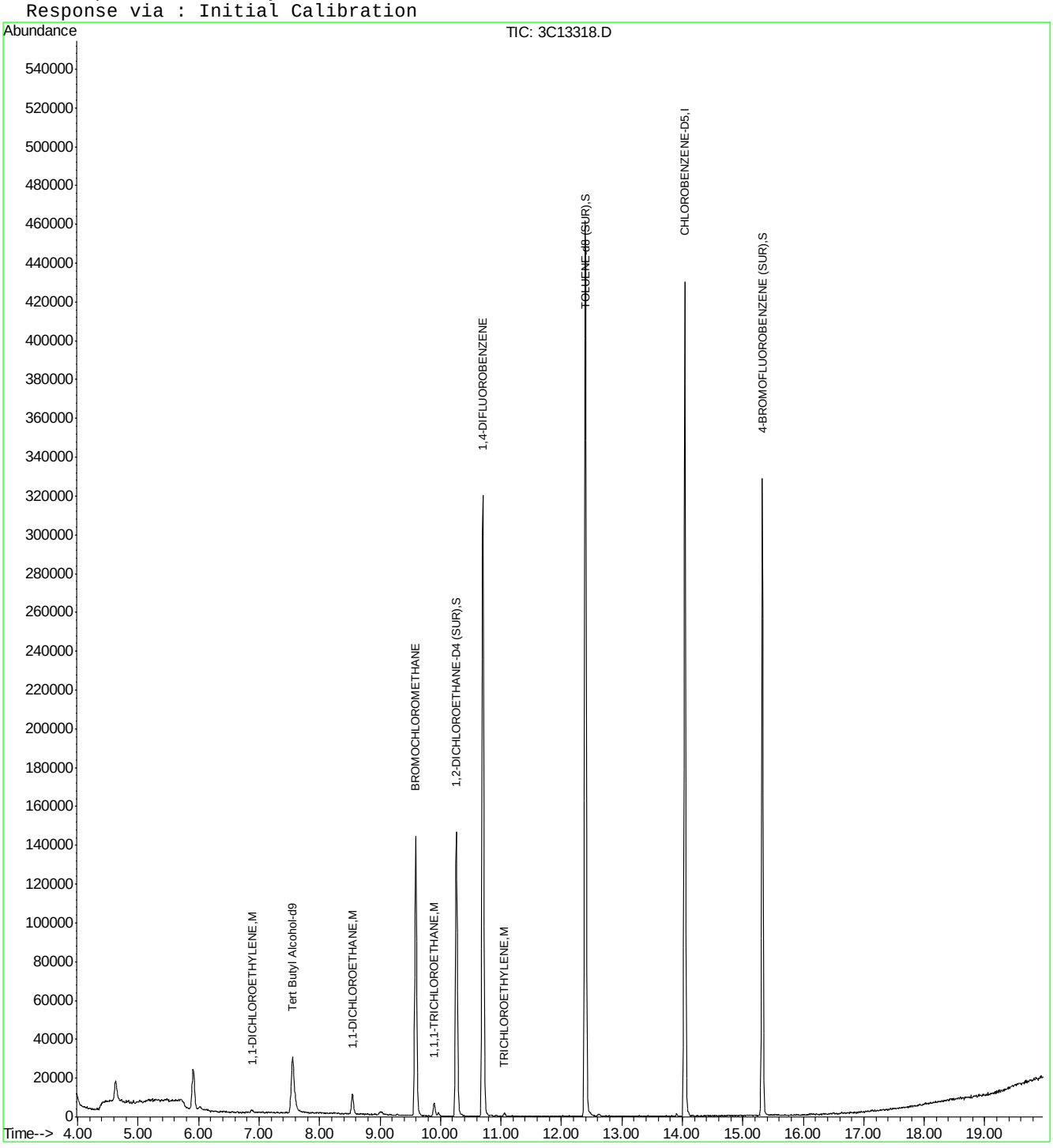
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	53701	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	39424	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	254883	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	230349	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	130471	35.45	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 118.17%						
52) TOLUENE-d8 (SUR)	12.39	98	316700	30.11	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.37%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	126872	29.19	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.30%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.89	96	1124	0.45	PPb	# 57
24) 1,1-DICHLOROETHANE	8.55	63	13927	2.22	PPb	99
33) 1,1,1-TRICHLOROETHANE	9.90	97	5973	1.10	PPb	92
42) TRICHLOROETHYLENE	11.06	95	747	0.24	PPb	83

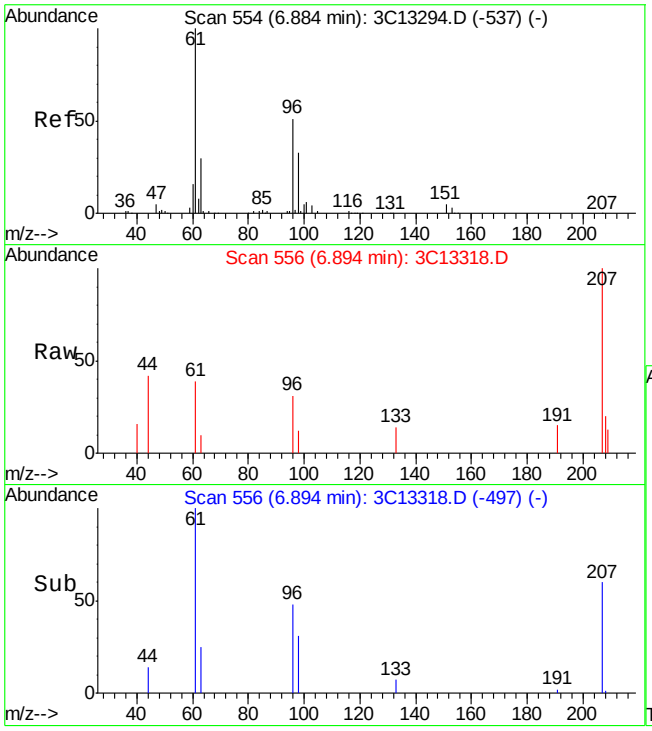
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13318.D Vial: 27
Acq On : 5 May 2006 9:50 pm Operator: PINGM
Sample : J29228-10 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:33 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

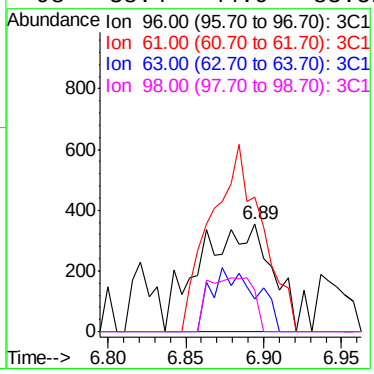


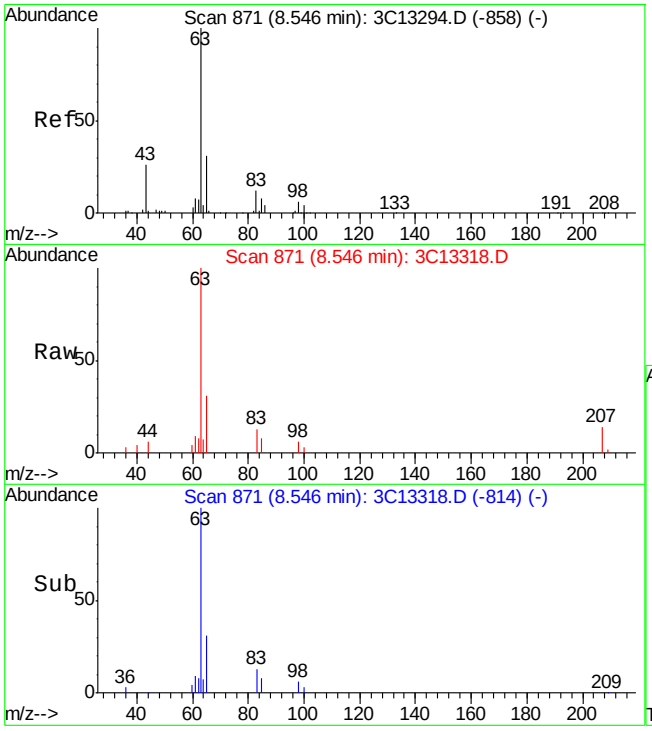


#14
1,1-DICHLOROETHYLENE
Concen: 0.45 PPb
RT: 6.89 min Scan# 556
Delta R.T. 0.01 min
Lab File: 3C13318.D
Acq: 5 May 2006 9:50 pm

Tgt Ion: 96 Resp: 1124

Ion	Ratio	Lower	Upper
96	100		
61	124.9	137.9	256.1#
63	30.8	42.1	78.1#
98	38.4	44.9	83.5#

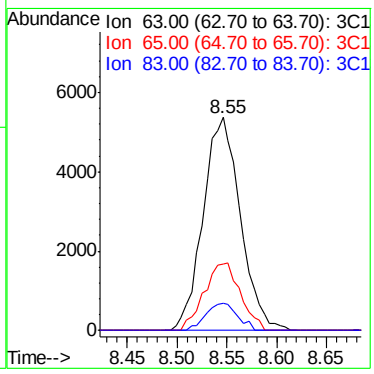


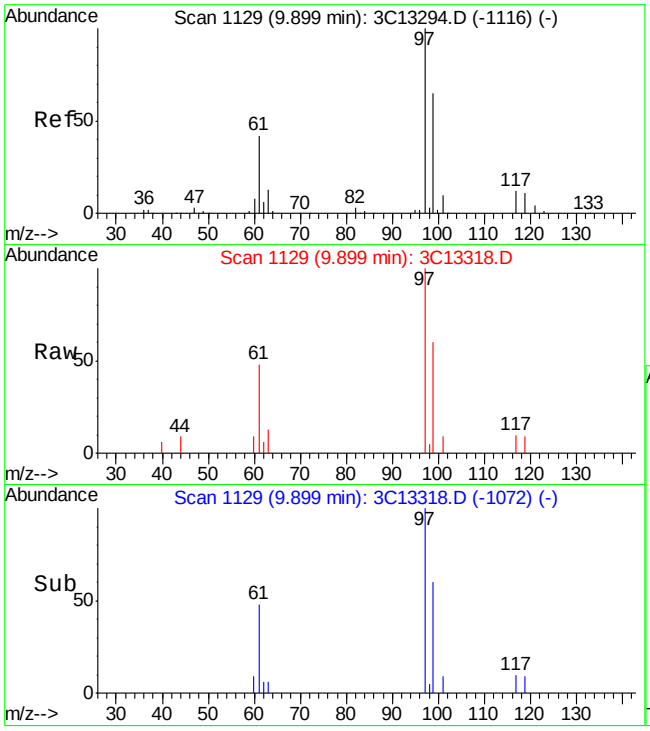


#24
1,1-DICHLOROETHANE
Concen: 2.22 PPb
RT: 8.55 min Scan# 871
Delta R.T. 0.00 min
Lab File: 3C13318.D
Acq: 5 May 2006 9:50 pm

Tgt Ion: 63 Resp: 13927

Ion	Ratio	Lower	Upper
63	100		
65	31.4	0.9	60.9
83	12.6	0.0	42.2

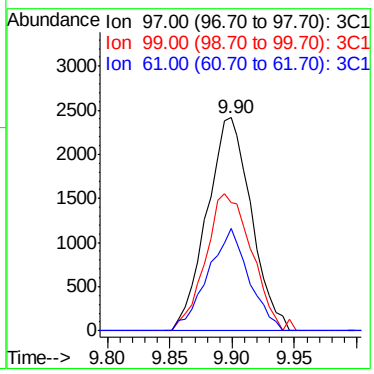


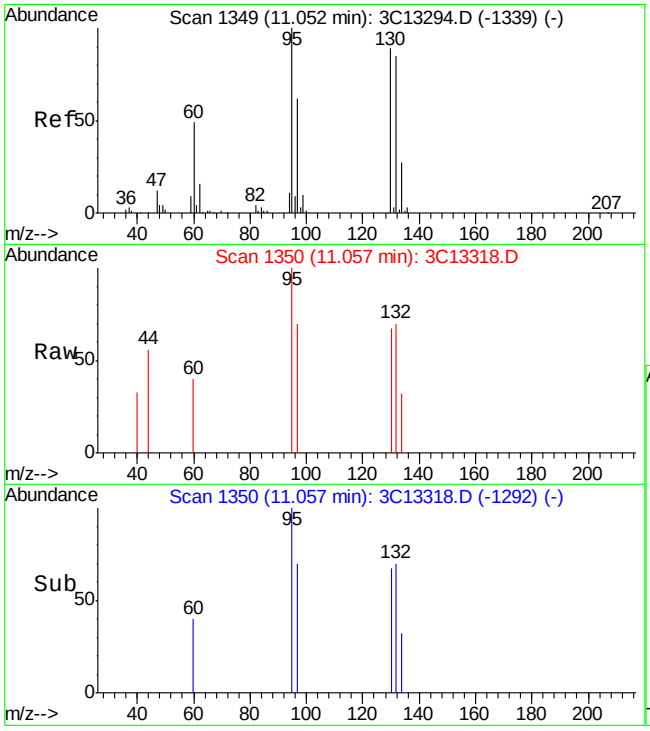


#33
1,1,1-TRICHLOROETHANE
Concen: 1.10 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13318.D
Acq: 5 May 2006 9:50 pm

Tgt Ion: 97 Resp: 5973

Ion	Ratio	Lower	Upper
97	100		
99	59.9	34.7	94.7
61	48.2	11.7	71.7

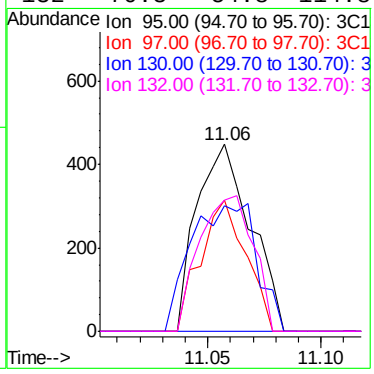




#42
TRICHLOROETHYLENE
Concen: 0.24 PPb
RT: 11.06 min Scan# 1350
Delta R.T. 0.01 min
Lab File: 3C13318.D
Acq: 5 May 2006 9:50 pm

Tgt Ion: 95 Resp: 747

Ion	Ratio	Lower	Upper
95	100		
97	70.1	32.3	92.3
130	67.4	59.3	119.3
132	70.3	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13318.D Vial: 27
Acq On : 5 May 2006 9:50 pm Operator: PINGM
Sample : J29228-10 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

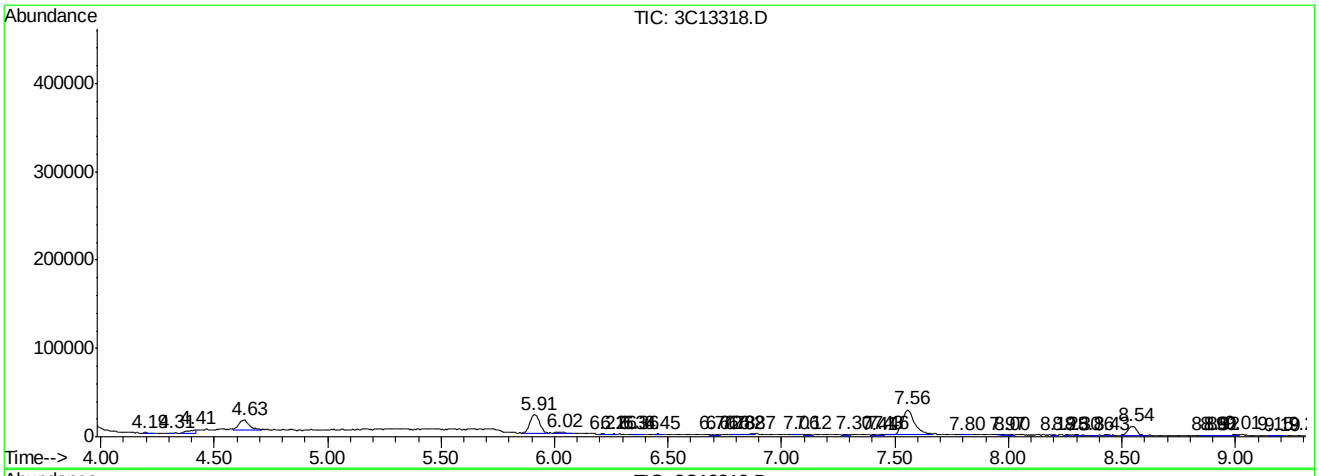
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.194	40	41	48	rVB6	907	1014	0.12%	0.026%
2	4.315	61	64	65	rBV3	904	564	0.06%	0.015%
3	4.409	71	82	84	rBV5	4249	11394	1.31%	0.296%
4	4.635	115	125	139	rVB5	10675	30817	3.54%	0.801%
5	5.909	358	368	381	rBV	20613	59308	6.81%	1.541%
6	6.024	384	390	400	rVB9	1767	5086	0.58%	0.132%
7	6.208	423	425	433	rBV5	855	1515	0.17%	0.039%
8	6.260	433	435	437	rBV2	551	404	0.05%	0.010%
9	6.344	450	451	453	rBV2	690	461	0.05%	0.012%
10	6.360	453	454	459	rVV3	599	850	0.10%	0.022%
11	6.454	469	472	476	rVB4	909	689	0.08%	0.018%
12	6.695	515	518	520	rVB2	788	774	0.09%	0.020%
13	6.721	520	523	525	rBV3	761	778	0.09%	0.020%
14	6.784	532	535	539	rBV3	662	894	0.10%	0.023%
15	6.821	540	542	545	rVB2	459	446	0.05%	0.012%
16	6.874	547	552	554	rBV6	1394	1948	0.22%	0.051%
17	7.062	585	588	591	rBV4	538	525	0.06%	0.014%
18	7.120	595	599	602	rVB3	736	882	0.10%	0.023%
19	7.298	627	633	634	rBV4	757	1014	0.12%	0.026%
20	7.408	651	654	657	rBV4	600	678	0.08%	0.018%
21	7.435	657	659	662	rBV2	752	694	0.08%	0.018%
22	7.461	662	664	667	rVB3	666	559	0.06%	0.015%
23	7.555	668	682	703	rBV3	28854	109523	12.58%	2.845%
24	7.796	726	728	734	rVB4	495	702	0.08%	0.018%
25	7.975	757	762	763	rVV5	515	637	0.07%	0.017%
26	7.996	764	766	772	rVB5	737	1247	0.14%	0.032%
27	8.195	803	804	808	rBV3	428	453	0.05%	0.012%
28	8.252	814	815	818	rVB2	614	486	0.06%	0.013%
29	8.305	822	825	831	rVB6	655	1022	0.12%	0.027%
30	8.363	835	836	841	rVB4	405	446	0.05%	0.012%
31	8.431	845	849	854	rVB3	528	1043	0.12%	0.027%
32	8.541	861	870	884	rVB	10252	26088	3.00%	0.678%
33	8.861	928	931	935	rVB2	705	514	0.06%	0.013%
34	8.903	935	939	940	rBV3	396	422	0.05%	0.011%
35	8.918	940	942	949	rVB3	461	615	0.07%	0.016%
36	9.013	949	960	961	rBV2	1762	3570	0.41%	0.093%
37	9.154	985	987	992	rBV2	575	549	0.06%	0.014%
38	9.186	992	993	997	rVB2	439	474	0.05%	0.012%

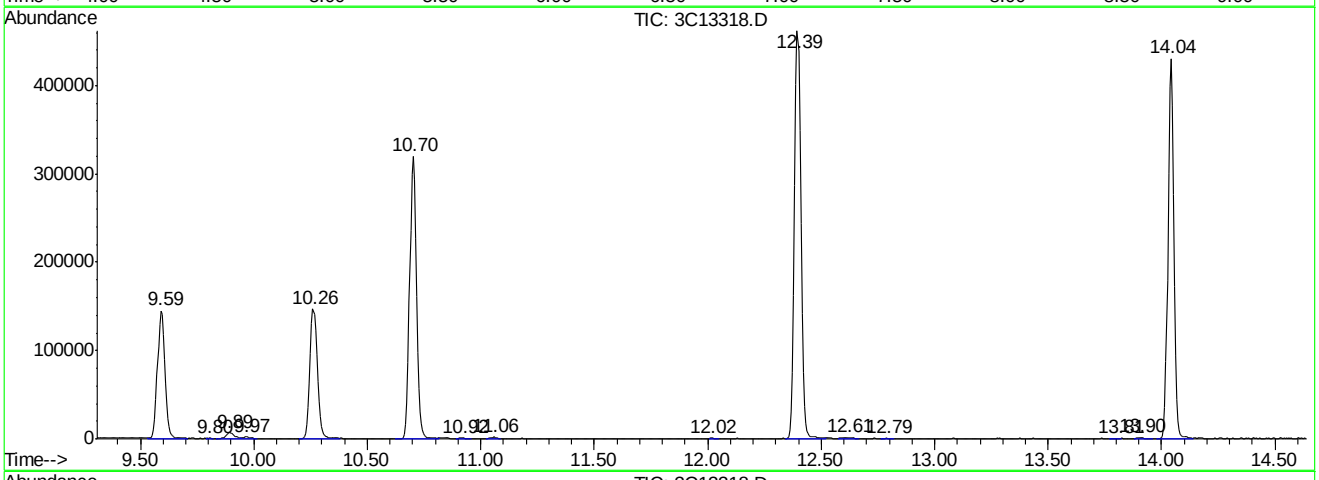
39	9.291	1008	1013	1017	rVB	674	1006	0.12%	0.026%
40	9.589	1059	1070	1092	rVB	144157	325091	37.34%	8.446%
41	9.804	1108	1111	1114	rVB2	366	436	0.05%	0.011%
42	9.893	1117	1128	1137	rVV3	6725	16617	1.91%	0.432%
43	9.967	1137	1142	1150	rVB3	1802	4041	0.46%	0.105%
44	10.261	1186	1198	1220	rBV	146621	322578	37.05%	8.381%
45	10.701	1267	1282	1304	rBV	319996	652616	74.96%	16.955%
46	10.921	1318	1324	1330	rBV4	606	1149	0.13%	0.030%
47	11.057	1344	1350	1355	rVB5	1648	2737	0.31%	0.071%
48	12.017	1531	1533	1539	rBV2	456	580	0.07%	0.015%
49	12.394	1595	1605	1629	rBV	461699	870607	100.00%	22.619%
50	12.615	1639	1647	1656	rBV3	1130	2766	0.32%	0.072%
51	12.788	1675	1680	1686	rBV2	317	471	0.05%	0.012%
52	13.810	1867	1875	1877	rBV2	243	495	0.06%	0.013%
53	13.904	1888	1893	1903	rBV3	1302	1931	0.22%	0.050%
54	14.041	1907	1919	1937	rBV	430162	772000	88.67%	20.057%
55	15.147	2128	2130	2134	rVB2	379	381	0.04%	0.010%
56	15.320	2153	2163	2184	rBV	328256	578733	66.47%	15.036%
57	15.462	2186	2190	2196	rVB3	566	876	0.10%	0.023%
58	15.530	2201	2203	2207	rBV2	473	556	0.06%	0.014%
59	15.556	2207	2208	2213	rVV3	695	645	0.07%	0.017%
60	15.593	2213	2215	2220	rVB3	410	422	0.05%	0.011%
61	15.692	2232	2234	2237	rBV2	464	439	0.05%	0.011%
62	15.750	2241	2245	2246	rVB3	429	476	0.05%	0.012%
63	15.881	2266	2270	2272	rBV2	451	466	0.05%	0.012%
64	16.107	2309	2313	2314	rBV4	739	638	0.07%	0.017%
65	16.122	2314	2316	2323	rVV4	877	1362	0.16%	0.035%
66	16.217	2331	2334	2340	rVB3	658	1018	0.12%	0.026%
67	16.253	2340	2341	2344	rBV2	490	416	0.05%	0.011%
68	16.301	2344	2350	2351	rVB4	801	815	0.09%	0.021%
69	16.327	2351	2355	2358	rBV3	782	1207	0.14%	0.031%
70	16.379	2358	2365	2368	rBV4	654	1151	0.13%	0.030%
71	16.442	2372	2377	2382	rVV3	627	1091	0.13%	0.028%
72	16.494	2382	2387	2389	rVV4	640	819	0.09%	0.021%
73	16.531	2392	2394	2400	rVV5	438	641	0.07%	0.017%
74	16.631	2410	2413	2418	rBV4	911	857	0.10%	0.022%
75	16.662	2418	2419	2427	rVV3	652	989	0.11%	0.026%
76	16.856	2453	2456	2458	rVB3	960	814	0.09%	0.021%
77	16.888	2459	2462	2465	rVV2	686	711	0.08%	0.018%
78	16.919	2465	2468	2470	rBV2	531	671	0.08%	0.017%
79	16.956	2473	2475	2477	rVB2	794	544	0.06%	0.014%
80	16.987	2478	2481	2485	rVB3	699	770	0.09%	0.020%
81	17.035	2485	2490	2494	rBV6	958	1558	0.18%	0.040%
82	17.124	2506	2507	2514	rBV5	950	1551	0.18%	0.040%
83	17.260	2531	2533	2538	rBV5	653	961	0.11%	0.025%
84	17.323	2543	2545	2547	rVB3	649	460	0.05%	0.012%
85	17.585	2594	2595	2599	rBV4	833	844	0.10%	0.022%
86	17.800	2633	2636	2638	rVB4	822	845	0.10%	0.022%
87	18.413	2751	2753	2755	rBV3	1159	1092	0.13%	0.028%

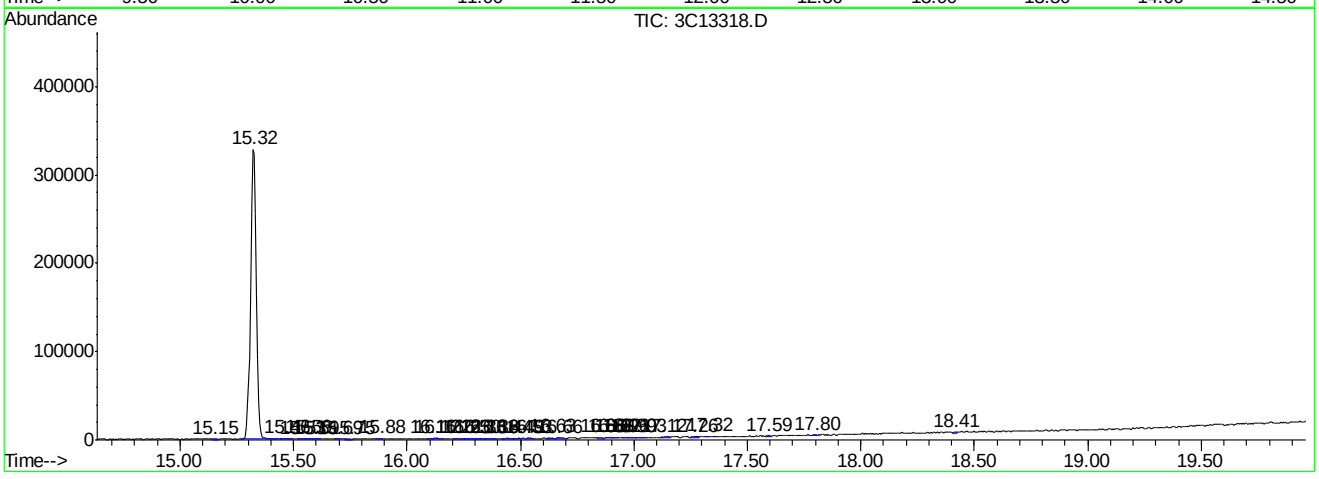
Sum of corrected areas: 3849025

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13318.D
Operator : PINGM
Acquired : 5 May 2006 9:50 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-10
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 27
Quant File :M3C576.RES (RTE Integrator)







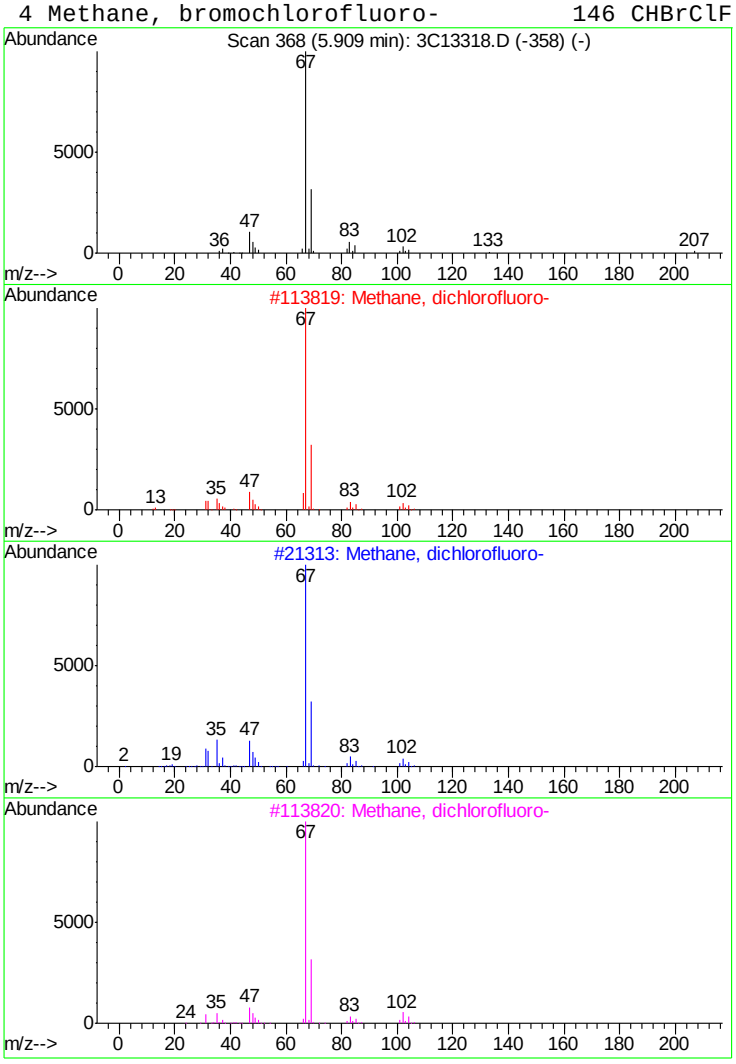
Library Search Compound Report

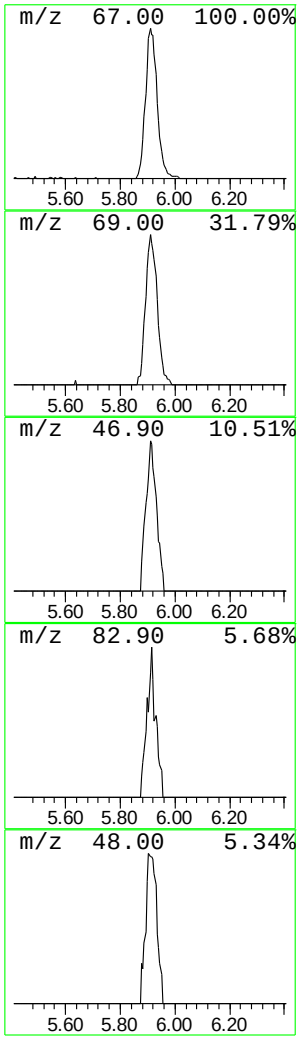
```
Data File : C:\MSDCHEM\1\DATA\3C13318.D                    Vial: 27
Acq On    :  5 May 2006   9:50 pm                     Operator: PINGM
Sample    : J29228-10                                 Inst    : MS3C
Misc      : MS32133,V3C577,W,,,,1                     Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title        : Method 624
Library      : C:\DATABASE\Nist98.L
 ********************************************************************
 Peak Number  1  Methane, dichlorofluoro-        Concentration Rank  1

   R.T.   EstConc           Area       Relative to ISTD         R.T.
 --------------------------------------------------------------------
   5.91    5.47 PPb         59308    BROMOCHLOROMETHANE          9.59

  Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
 --------------------------------------------------------------------
  1 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 91
  2 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 91
  3 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 91
  4 Methane, bromochlorofluoro-          146 CHBrClF        000593-98-6 9
```





Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 9:50 pm
Data File: C:\MSDCHEM\1\DATA\3C13318.D
Name: J29228-10
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
Methane, dichloro...	5.91	5.5	PPb	59308	2	9.59	325091	30.0

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 05/14/06 16:25

Quantitation Report (QT/LSC Reviewed)

Data File : C:\MSDCHEM\1\DATA\V3C576-577\3C13319.D Vial: 28
Acq On : 5 May 2006 10:19 pm Operator: PINGM
Sample : J29228-11 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 22:42:56 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	51540	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	39112	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	250043	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	222938	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	128300	35.14	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 117.13%			
52) TOLUENE-d8 (SUR)	12.39	98	310272	30.07	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.23%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	122249	29.06	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 96.87%			

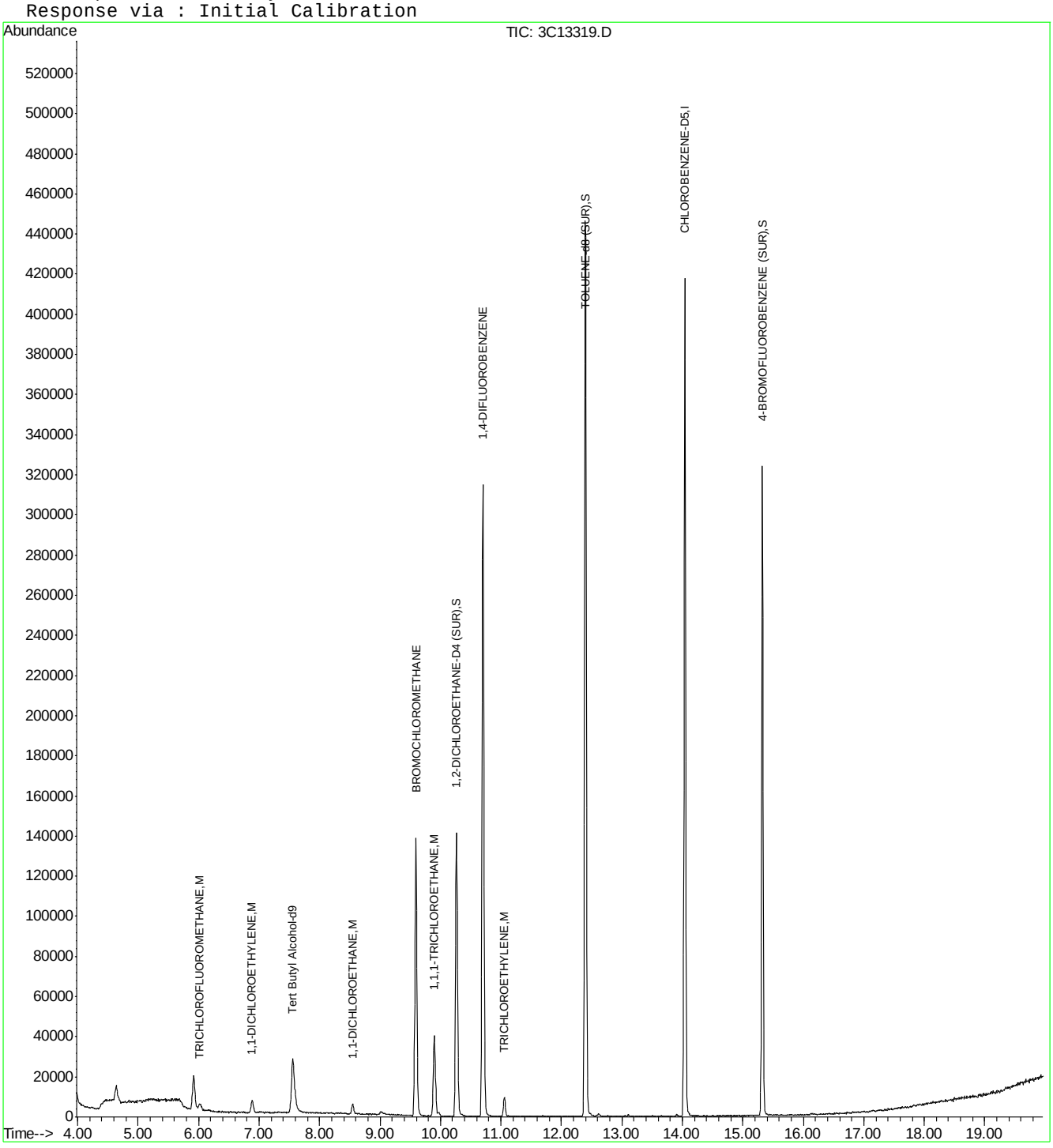
Target Compounds						Qvalue
10) TRICHLOROFLUOROMETHANE	6.01	101	3766m	0.74	PPb	
14) 1,1-DICHLOROETHYLENE	6.89	96	3581	1.46	PPb	98
24) 1,1-DICHLOROETHANE	8.55	63	6683	1.08	PPb	94
33) 1,1,1-TRICHLOROETHANE	9.90	97	33928	6.28	PPb	95
42) TRICHLOROETHYLENE	11.05	95	4060	1.31	PPb	88

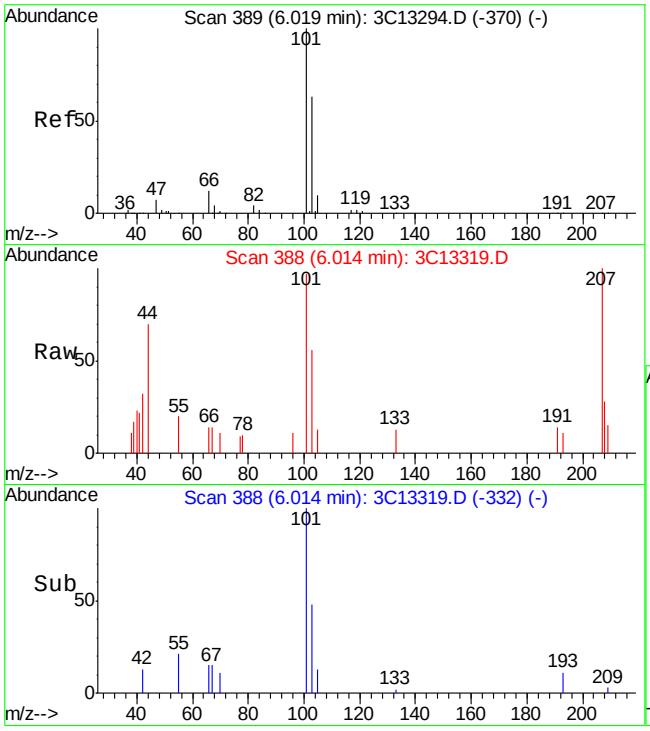
(#) = qualifier out of range (m) = manual integration (+) = signals summed
3C13319.D M3C576.M Sun May 14 16:07:11 2006 MS3C

Quantitation Report (QT/LSC Reviewed)

Data File : C:\MSDCHEM\1\DATA\V3C576-577\3C13319.D Vial: 28
Acq On : 5 May 2006 10:19 pm Operator: PINGM
Sample : J29228-11 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 14 16:06 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

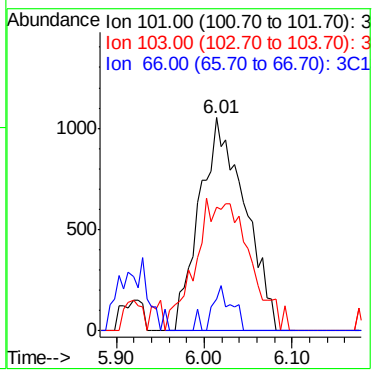


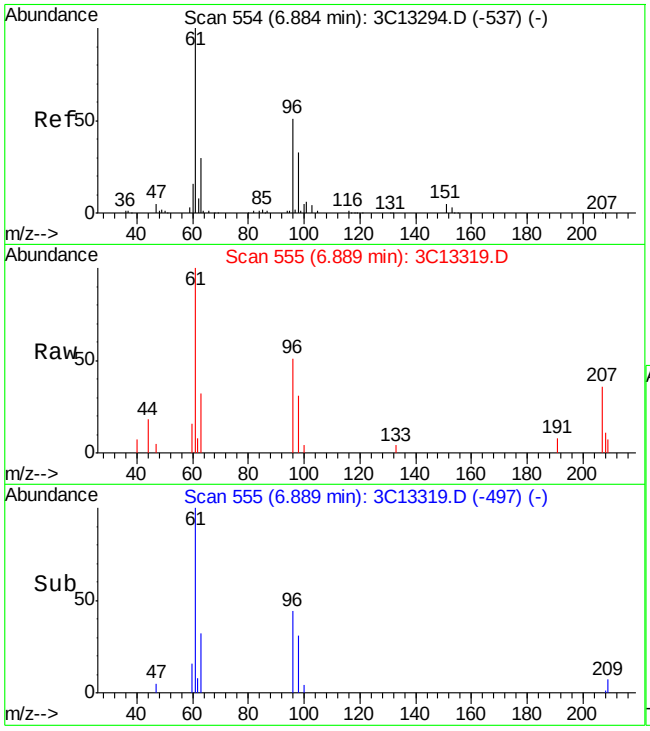


#10
TRICHLOROFLUOROMETHANE
Concen: 0.74 PPb m
RT: 6.01 min Scan# 388
Delta R.T. -0.00 min
Lab File: 3C13319.D
Acq: 5 May 2006 10:19 pm

Tgt Ion:101 Resp: 3766

Ion	Ratio	Lower	Upper
101	100		
103	57.8	32.6	92.6
66	14.6	0.0	42.0

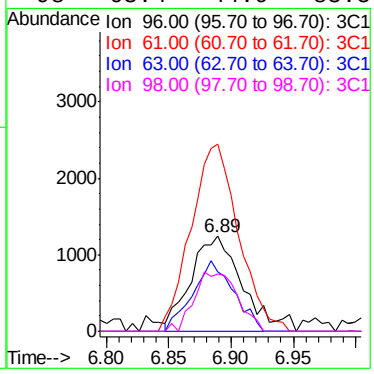


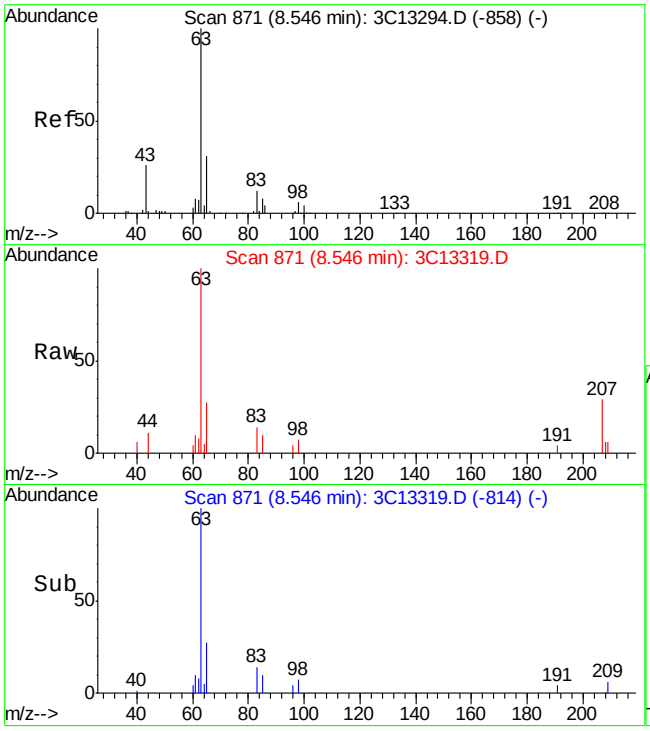


#14
1,1-DICHLOROETHYLENE
Concen: 1.46 PPb
RT: 6.89 min Scan# 555
Delta R.T. 0.01 min
Lab File: 3C13319.D
Acq: 5 May 2006 10:19 pm

Tgt Ion: 96 Resp: 3581

Ion	Ratio	Lower	Upper
96	100		
61	197.4	137.9	256.1
63	65.0	42.1	78.1
98	63.4	44.9	83.5

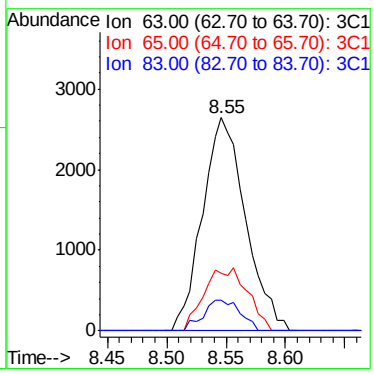


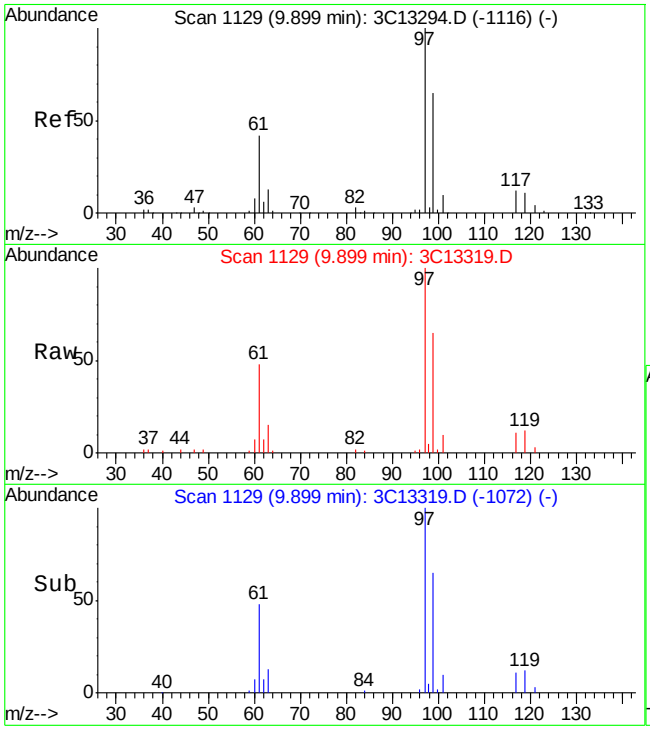


#24
1,1-DICHLOROETHANE
Concen: 1.08 PPb
RT: 8.55 min Scan# 871
Delta R.T. -0.00 min
Lab File: 3C13319.D
Acq: 5 May 2006 10:19 pm

Tgt Ion: 63 Resp: 6683

Ion	Ratio	Lower	Upper
63	100		
65	27.2	0.9	60.9
83	14.2	0.0	42.2

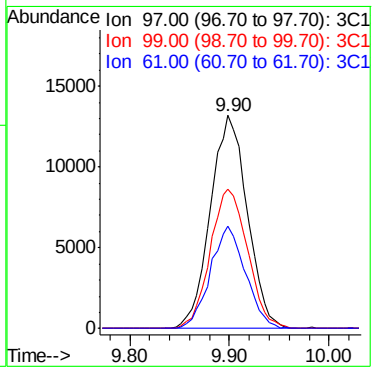


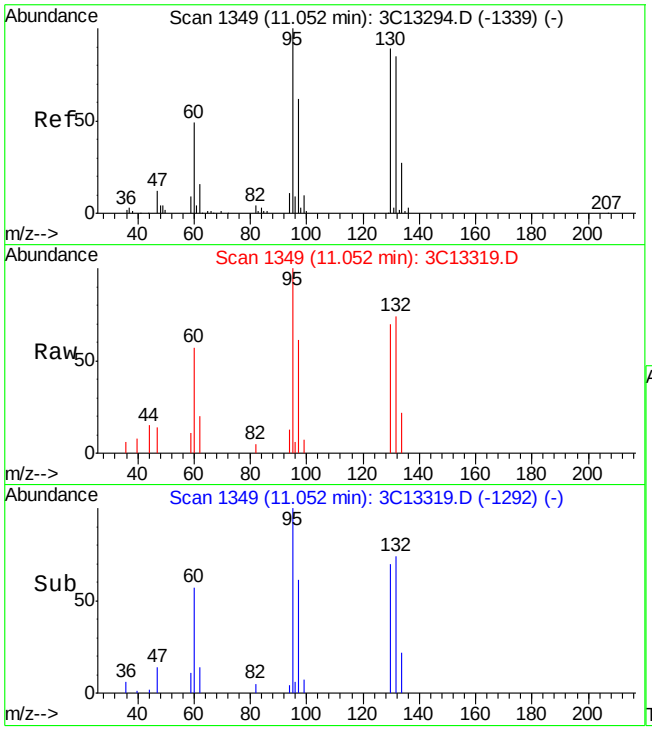


#33
1,1,1-TRICHLOROETHANE
Concen: 6.28 PPb
RT: 9.90 min Scan# 1129
Delta R.T. -0.00 min
Lab File: 3C13319.D
Acq: 5 May 2006 10:19 pm

Tgt Ion: 97 Resp: 33928

Ion	Ratio	Lower	Upper
97	100		
99	65.3	34.7	94.7
61	48.2	11.7	71.7

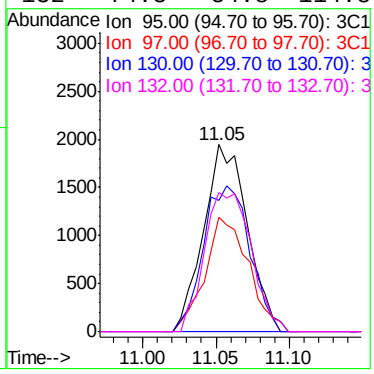




#42
TRICHLOROETHYLENE
Concen: 1.31 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13319.D
Acq: 5 May 2006 10:19 pm

Tgt Ion: 95 Resp: 4060

Ion	Ratio	Lower	Upper
95	100		
97	60.9	32.3	92.3
130	69.9	59.3	119.3
132	74.3	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13319.D Vial: 28
Acq On : 5 May 2006 10:19 pm Operator: PINGM
Sample : J29228-11 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

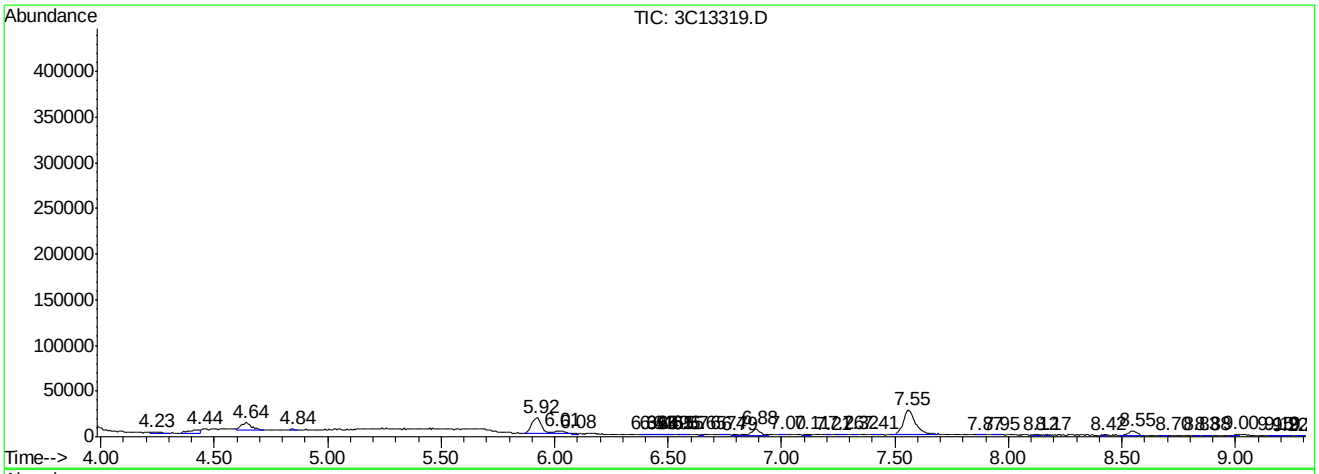
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.226	45	47	61	rVB6	1032	2477	0.29%	0.064%
2	4.435	72	87	88	rBV6	3813	12834	1.51%	0.333%
3	4.640	118	126	140	rVB8	9038	29288	3.45%	0.759%
4	4.844	163	165	169	rVB4	1394	1345	0.16%	0.035%
5	5.919	360	370	383	rBV2	16833	49080	5.78%	1.272%
6	6.014	383	388	399	rVB8	3493	10986	1.29%	0.285%
7	6.082	400	401	405	rVB4	933	626	0.07%	0.016%
8	6.391	458	460	465	rVB3	860	982	0.12%	0.025%
9	6.433	465	468	472	rBV4	576	898	0.11%	0.023%
10	6.464	472	474	476	rVB3	527	470	0.06%	0.012%
11	6.491	477	479	481	rVB	885	590	0.07%	0.015%
12	6.512	481	483	485	rBV2	898	741	0.09%	0.019%
13	6.554	490	491	494	rVB2	520	418	0.05%	0.011%
14	6.575	494	495	498	rBV2	595	474	0.06%	0.012%
15	6.653	507	510	511	rBV2	942	912	0.11%	0.024%
16	6.742	524	527	531	rBV2	491	579	0.07%	0.015%
17	6.795	534	537	541	rBV3	688	1166	0.14%	0.030%
18	6.884	541	554	565	rBV4	6543	19148	2.25%	0.496%
19	7.004	574	577	579	rVB	460	474	0.06%	0.012%
20	7.115	594	598	601	rBV3	633	1103	0.13%	0.029%
21	7.209	613	616	617	rVB3	518	399	0.05%	0.010%
22	7.261	623	626	630	rBV3	498	712	0.08%	0.018%
23	7.324	635	638	640	rVB2	755	607	0.07%	0.016%
24	7.413	653	655	660	rBV6	454	410	0.05%	0.011%
25	7.555	668	682	707	rBV2	27125	105239	12.39%	2.728%
26	7.875	741	743	746	rBV3	451	447	0.05%	0.012%
27	7.948	754	757	760	rBV4	452	555	0.07%	0.014%
28	8.121	788	790	793	rVB2	560	512	0.06%	0.013%
29	8.174	797	800	801	rVB2	585	401	0.05%	0.010%
30	8.420	844	847	850	rVB3	458	533	0.06%	0.014%
31	8.546	860	871	880	rBV3	5138	12577	1.48%	0.326%
32	8.703	895	901	902	rVB3	420	551	0.06%	0.014%
33	8.829	922	925	927	rBV	567	582	0.07%	0.015%
34	8.876	930	934	937	rBV3	531	743	0.09%	0.019%
35	9.002	952	958	961	rBV3	1637	2403	0.28%	0.062%
36	9.154	986	987	991	rVB2	635	508	0.06%	0.013%
37	9.186	991	993	996	rBV2	612	541	0.06%	0.014%
38	9.217	996	999	1004	rVV3	359	586	0.07%	0.015%

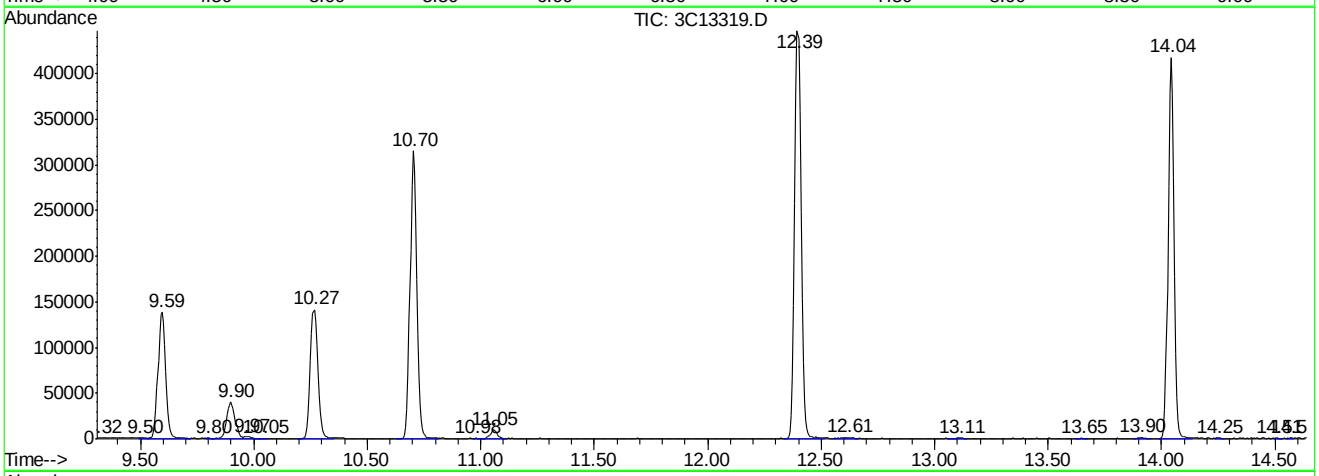
39	9.290	1008	1013	1016	rVB3	575	783	0.09%	0.020%
40	9.317	1016	1018	1023	rBV3	399	506	0.06%	0.013%
41	9.500	1052	1053	1059	rVB2	302	401	0.05%	0.010%
42	9.595	1059	1071	1095	rVB	138495	318557	37.51%	8.259%
43	9.799	1108	1110	1114	rVB2	527	638	0.08%	0.017%
44	9.899	1114	1129	1139	rBV	40244	103585	12.20%	2.685%
45	9.967	1139	1142	1152	rVB4	2087	4405	0.52%	0.114%
46	10.045	1152	1157	1160	rBV	313	436	0.05%	0.011%
47	10.266	1185	1199	1215	rBV	141156	314967	37.08%	8.166%
48	10.701	1268	1282	1303	rBV	314709	637542	75.06%	16.528%
49	10.979	1333	1335	1342	rVB2	288	392	0.05%	0.010%
50	11.052	1342	1349	1360	rBV2	9163	19530	2.30%	0.506%
51	12.394	1594	1605	1628	rBV	446446	849345	100.00%	22.019%
52	12.615	1636	1647	1656	rBV	1308	3523	0.41%	0.091%
53	13.113	1732	1742	1747	rBV3	794	1343	0.16%	0.035%
54	13.647	1839	1844	1849	rVB	422	610	0.07%	0.016%
55	13.904	1888	1893	1901	rBV4	1072	1680	0.20%	0.044%
56	14.041	1909	1919	1937	rBV	417539	751972	88.54%	19.495%
57	14.245	1956	1958	1963	rVB3	293	407	0.05%	0.011%
58	14.507	2006	2008	2012	rVB2	347	419	0.05%	0.011%
59	14.575	2016	2021	2022	rBV2	324	412	0.05%	0.011%
60	14.932	2085	2089	2092	rVB2	318	433	0.05%	0.011%
61	15.320	2154	2163	2183	rBV	323744	561062	66.06%	14.546%
62	15.771	2246	2249	2252	rBV2	440	522	0.06%	0.014%
63	15.828	2259	2260	2265	rBV2	305	396	0.05%	0.010%
64	15.944	2279	2282	2285	rVB2	443	391	0.05%	0.010%
65	16.028	2294	2298	2300	rBV2	451	512	0.06%	0.013%
66	16.049	2300	2302	2305	rBV2	432	492	0.06%	0.013%
67	16.127	2307	2317	2319	rBV3	801	1231	0.14%	0.032%
68	16.248	2336	2340	2343	rBV4	651	747	0.09%	0.019%
69	16.285	2343	2347	2349	rBV3	518	513	0.06%	0.013%
70	16.384	2362	2366	2368	rBV4	444	538	0.06%	0.014%
71	16.431	2371	2375	2377	rVB3	511	566	0.07%	0.015%
72	16.484	2383	2385	2388	rVB	679	420	0.05%	0.011%
73	16.515	2388	2391	2392	rBV2	689	510	0.06%	0.013%
74	16.542	2392	2396	2398	rBV4	672	781	0.09%	0.020%
75	16.563	2398	2400	2405	rVB4	417	625	0.07%	0.016%
76	16.604	2405	2408	2412	rBV3	669	834	0.10%	0.022%
77	16.730	2429	2432	2434	rBV2	1179	1072	0.13%	0.028%
78	16.772	2438	2440	2442	rBV3	654	425	0.05%	0.011%
79	16.809	2444	2447	2451	rBV4	878	1157	0.14%	0.030%
80	16.835	2451	2452	2456	rVV3	567	501	0.06%	0.013%
81	17.050	2490	2493	2495	rVB2	795	894	0.11%	0.023%
82	17.071	2495	2497	2499	rBV3	660	647	0.08%	0.017%
83	17.092	2499	2501	2502	rBV2	614	438	0.05%	0.011%
84	17.234	2525	2528	2529	rBV3	584	422	0.05%	0.011%
85	17.344	2545	2549	2552	rVB4	739	1000	0.12%	0.026%
86	17.370	2552	2554	2556	rBV2	959	793	0.09%	0.021%
87	17.401	2558	2560	2563	rVB2	789	592	0.07%	0.015%
88	17.480	2574	2575	2578	rBV2	814	846	0.10%	0.022%
89	17.569	2589	2592	2595	rBV3	985	1275	0.15%	0.033%
90	17.999	2673	2674	2678	rBV3	1029	1344	0.16%	0.035%
91	18.497	2766	2769	2770	rBV2	1075	923	0.11%	0.024%

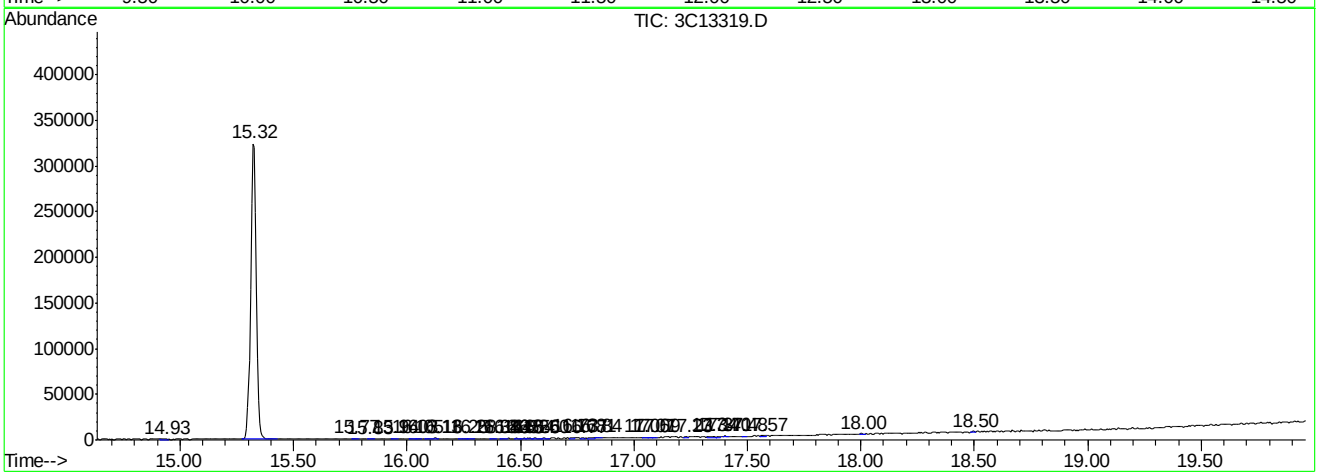
Sum of corrected areas: 3857252

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13319.D
Operator : PINGM
Acquired : 5 May 2006 10:19 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-11
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 28
Quant File :M3C576.RES (RTE Integrator)







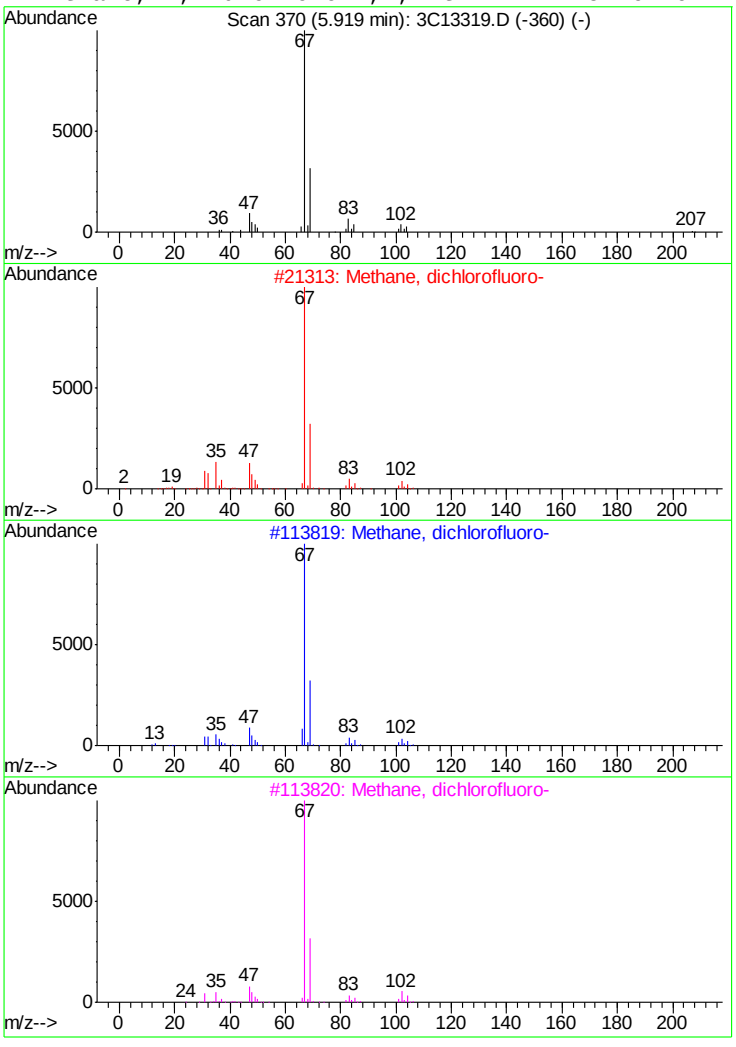
Library Search Compound Report

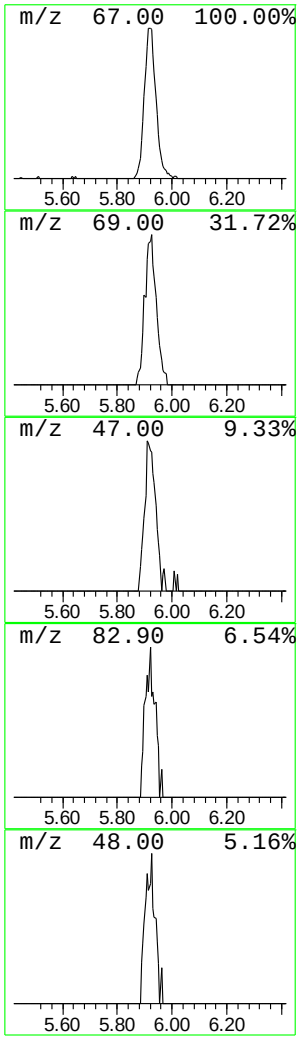
```
Data File : C:\MSDCHEM\1\DATA\3C13319.D                    Vial: 28
Acq On    :  5 May 2006  10:19 pm                     Operator: PINGM
Sample    : J29228-11                                 Inst    : MS3C
Misc      : MS32133,V3C577,W,,,,1                     Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title        : Method 624
Library      : C:\DATABASE\Nist98.L
 ********************************************************************
 Peak Number  1  Methane, dichlorofluoro-        Concentration Rank  1

   R.T.   EstConc           Area       Relative to ISTD         R.T.
 --------------------------------------------------------------------
   5.92    4.62 PPb         49080    BROMOCHLOROMETHANE          9.59

  Hit# of  5    Tentative ID              MW  MolForm       CAS#       Qual
 --------------------------------------------------------------------
  1 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 94
  2 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 91
  3 Methane, dichlorofluoro-             102 CHCl2F         000075-43-4 91
  4 Ethane, 1,2-dichloro-1,1,2-trifl... 152 C2HCl2F3        000354-23-4 9
```





Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 10:19 pm
Data File: C:\MSDCHEM\1\DATA\3C13319.D
Name: J29228-11
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
Methane, dichloro...	5.92	4.6	PPb	49080	2	9.59	318557	30.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13320.D Vial: 29
Acq On : 5 May 2006 10:48 pm Operator: PINGM
Sample : J29228-12 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 23:12:00 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	48881	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	37781	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	243894	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	219165	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	128894	36.55	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 121.83%			
52) TOLUENE-d8 (SUR)	12.39	98	303604	30.17	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.57%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	121281	29.33	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 97.77%			

Target Compounds

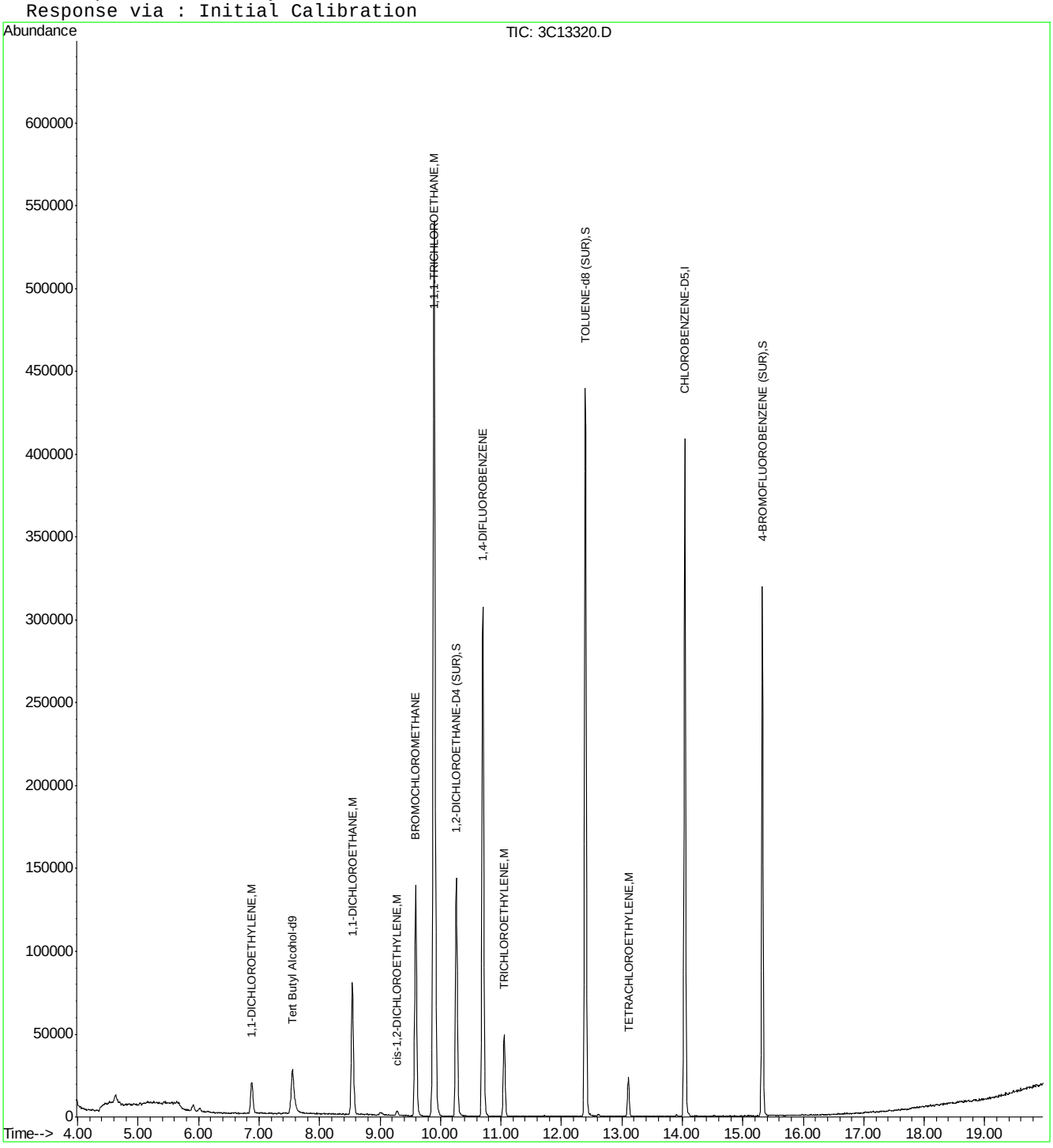
							Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	10034	4.23	PPb		93
24) 1,1-DICHLOROETHANE	8.54	63	102903	17.14	PPb		99
29) cis-1,2-DICHLOROETHYLENE	9.29	96	1580	0.46	PPb	#	74
33) 1,1,1-TRICHLOROETHANE	9.89	97	464030	88.91	PPb		98
42) TRICHLOROETHYLENE	11.05	95	18971	6.27	PPb		96
55) TETRACHLOROETHYLENE	13.11	164	5139	2.47	PPb		91

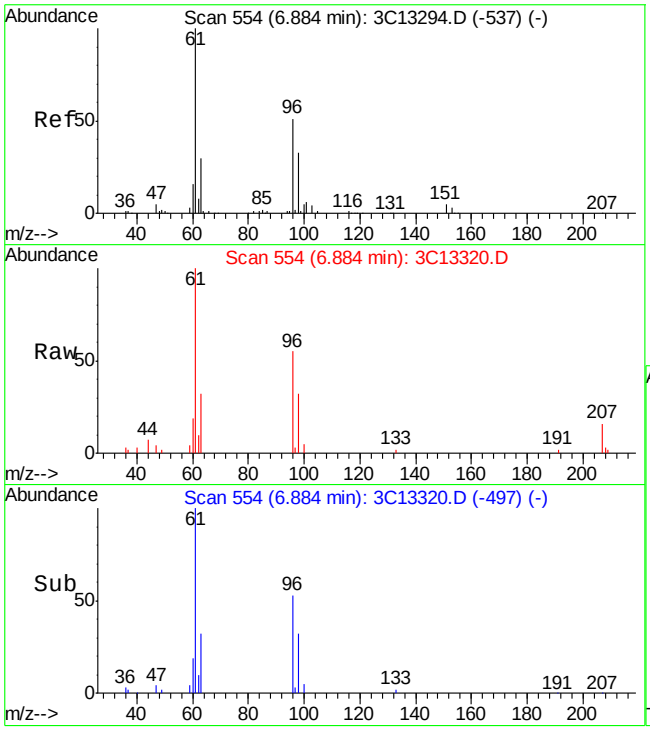
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13320.D Vial: 29
Acq On : 5 May 2006 10:48 pm Operator: PINGM
Sample : J29228-12 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:50 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

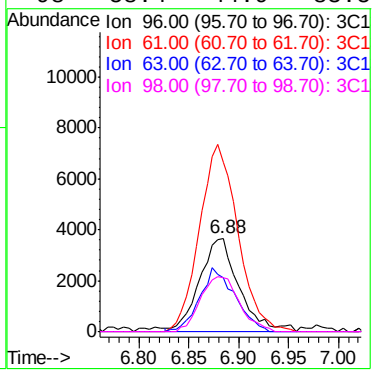


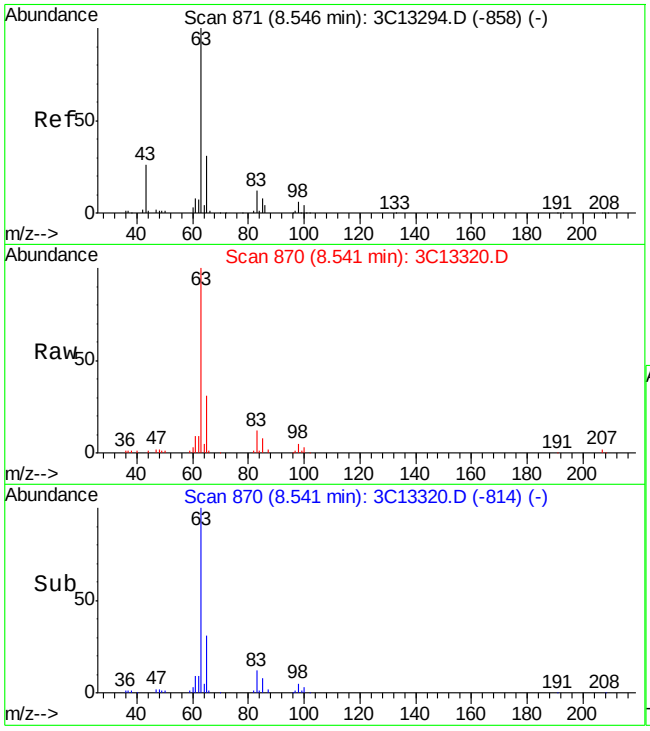


#14
1,1-DICHLOROETHYLENE
Concen: 4.23 PPb
RT: 6.88 min Scan# 554
Delta R.T. -0.00 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion: 96 Resp: 10034

Ion	Ratio	Lower	Upper
96	100		
61	184.2	137.9	256.1
63	58.5	42.1	78.1
98	58.4	44.9	83.5

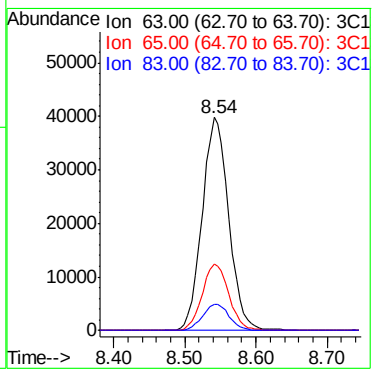


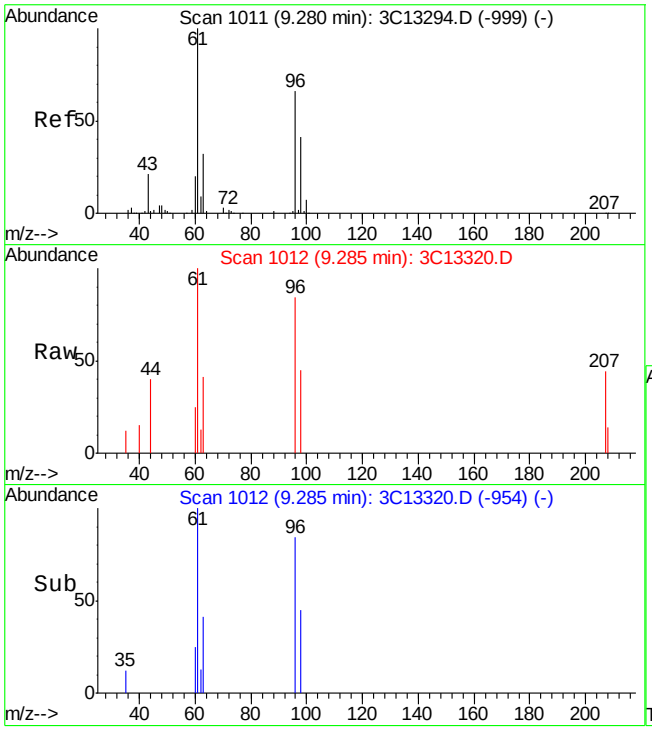


#24
1,1-DICHLOROETHANE
Concen: 17.14 PPb
RT: 8.54 min Scan# 870
Delta R.T. -0.01 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion: 63 Resp: 102903

Ion	Ratio	Lower	Upper
63	100		
65	31.4	0.9	60.9
83	12.5	0.0	42.2

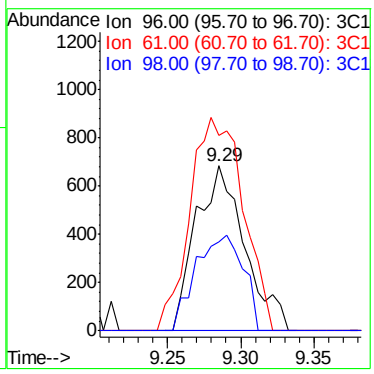


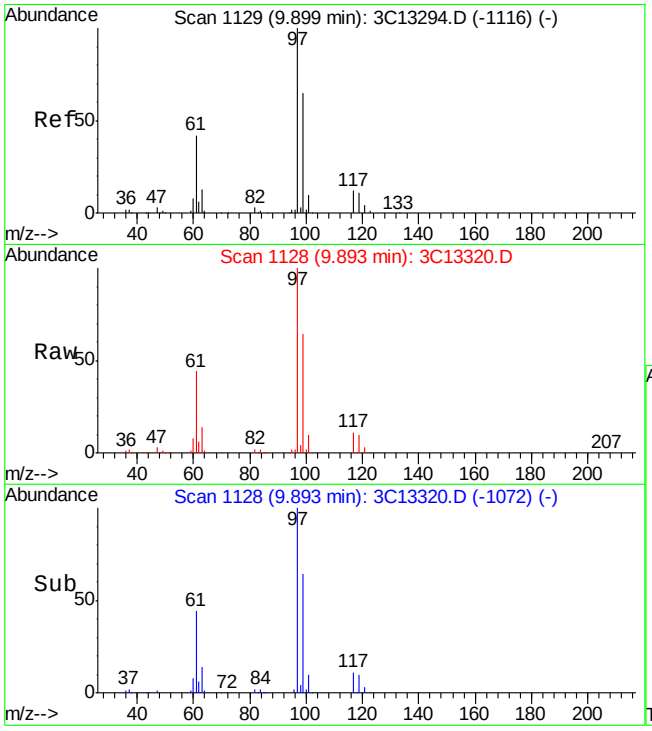


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.46 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion: 96 Resp: 1580

Ion	Ratio	Lower	Upper
96	100		
61	110.6	121.3	181.3#
98	53.9	32.7	92.7

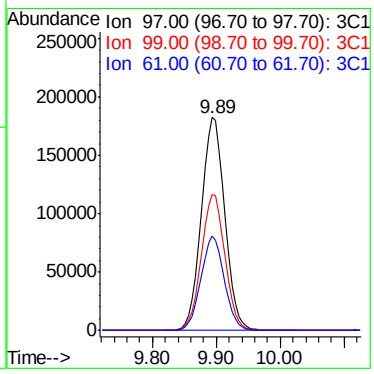


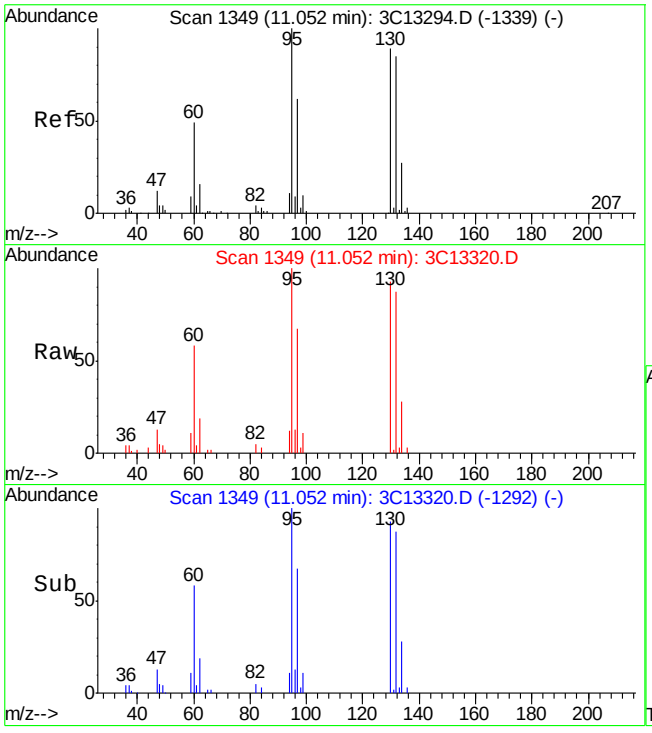


#33
1,1,1-TRICHLOROETHANE
Concen: 88.91 PPb
RT: 9.89 min Scan# 1128
Delta R.T. -0.01 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion: 97 Resp: 464030

Ion	Ratio	Lower	Upper
97	100		
99	63.8	34.7	94.7
61	44.3	11.7	71.7

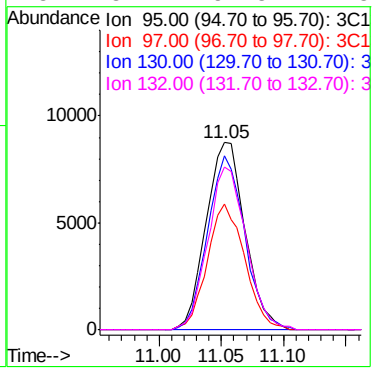


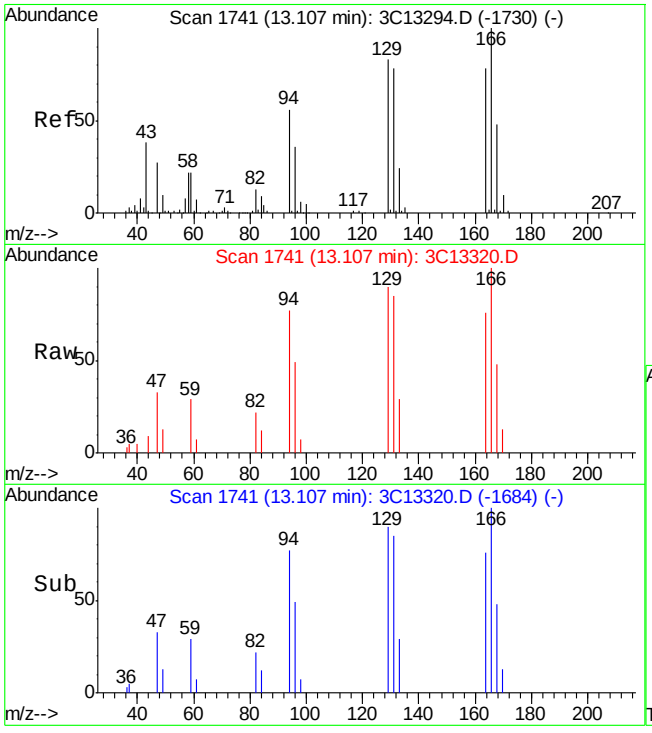


#42
TRICHLOROETHYLENE
Concen: 6.27 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion: 95 Resp: 18971

Ion	Ratio	Lower	Upper
95	100		
97	67.2	32.3	92.3
130	93.0	59.3	119.3
132	87.1	54.8	114.8

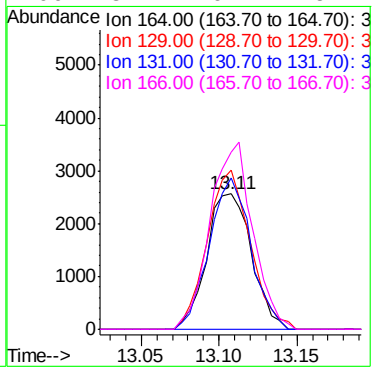




#55
TETRACHLOROETHYLENE
Concen: 2.47 PPb
RT: 13.11 min Scan# 1741
Delta R.T. -0.00 min
Lab File: 3C13320.D
Acq: 5 May 2006 10:48 pm

Tgt Ion:164 Resp: 5139

Ion	Ratio	Lower	Upper
164	100		
129	117.5	75.4	135.4
131	111.7	69.3	129.3
166	131.1	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13320.D Vial: 29
Acq On : 5 May 2006 10:48 pm Operator: PINGM
Sample : J29228-12 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.215	42	45	48	rVV4	688	747	0.05%	0.014%
2	4.247	48	51	58	rVB4	1010	1365	0.10%	0.025%
3	4.420	71	84	87	rBV6	4303	14775	1.07%	0.272%
4	4.451	87	90	92	rVV4	1144	1583	0.11%	0.029%
5	4.519	98	103	105	rBV6	2022	2591	0.19%	0.048%
6	4.556	109	110	115	rVV5	1257	1926	0.14%	0.035%
7	4.624	115	123	135	rVB7	5009	14336	1.03%	0.264%
8	4.850	161	166	170	rVB6	1190	1721	0.12%	0.032%
9	4.876	170	171	175	rVB4	1174	768	0.06%	0.014%
10	4.918	175	179	180	rBV4	1251	1470	0.11%	0.027%
11	5.028	196	200	205	rBV7	1642	2892	0.21%	0.053%
12	5.075	205	209	210	rBV4	1108	1403	0.10%	0.026%
13	5.159	224	225	228	rBV3	1158	726	0.05%	0.013%
14	5.243	239	241	244	rBV4	1069	818	0.06%	0.015%
15	5.421	271	275	279	rBV6	1620	2665	0.19%	0.049%
16	5.479	285	286	289	rBV3	750	714	0.05%	0.013%
17	5.594	306	308	310	rBV3	1318	1373	0.10%	0.025%
18	5.636	314	316	321	rVV6	2862	4756	0.34%	0.087%
19	5.668	321	322	334	rVB5	4320	8486	0.61%	0.156%
20	5.809	346	349	350	rVB3	907	732	0.05%	0.013%
21	5.914	359	369	379	rVB	4007	10897	0.79%	0.200%
22	6.024	379	390	399	rVB9	2259	6192	0.45%	0.114%
23	6.150	409	414	420	rVB7	825	1371	0.10%	0.025%
24	6.250	427	433	437	rVB4	638	1033	0.07%	0.019%
25	6.344	446	451	453	rVB3	759	946	0.07%	0.017%
26	6.365	453	455	462	rVB4	599	773	0.06%	0.014%
27	6.417	462	465	468	rBV3	640	707	0.05%	0.013%
28	6.548	487	490	495	rBV4	695	929	0.07%	0.017%
29	6.611	495	502	505	rVV4	809	1406	0.10%	0.026%
30	6.648	505	509	512	rVB4	1172	1539	0.11%	0.028%
31	6.669	512	513	520	rBV4	702	1309	0.09%	0.024%
32	6.816	537	541	543	rVV3	520	682	0.05%	0.013%
33	6.879	543	553	569	rVV2	18777	51780	3.73%	0.952%
34	6.978	569	572	577	rVV3	654	1022	0.07%	0.019%
35	7.041	578	584	585	rVV4	569	879	0.06%	0.016%
36	7.319	632	637	645	rVB4	880	1901	0.14%	0.035%
37	7.382	645	649	651	rBV4	586	698	0.05%	0.013%
38	7.555	668	682	701	rBV2	26946	98606	7.11%	1.813%

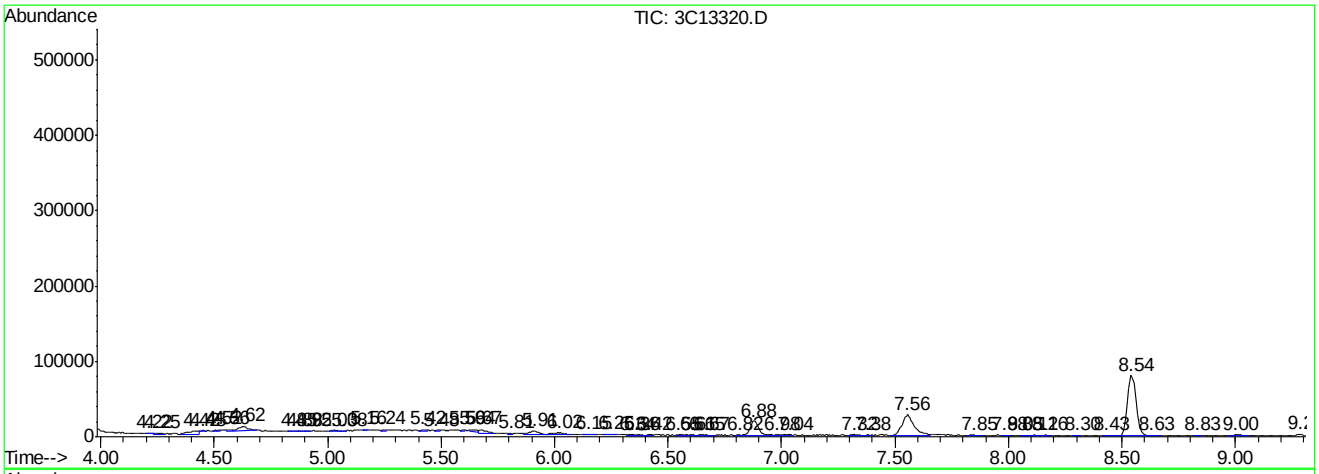
39	7.849	732	738	744	rVB6	734	1067	0.08%	0.020%
40	7.985	761	764	768	rBV4	479	746	0.05%	0.014%
41	8.053	776	777	786	rVB5	635	911	0.07%	0.017%
42	8.116	786	789	791	rVB2	901	723	0.05%	0.013%
43	8.163	791	798	803	rBV4	799	1836	0.13%	0.034%
44	8.305	821	825	827	rBV3	559	691	0.05%	0.013%
45	8.431	846	849	855	rBV5	692	882	0.06%	0.016%
46	8.541	855	870	884	rBV	80155	206577	14.89%	3.798%
47	8.630	884	887	894	rVB4	772	1049	0.08%	0.019%
48	8.834	923	926	929	rBV2	588	809	0.06%	0.015%
49	9.002	952	958	969	rVV5	1380	4635	0.33%	0.085%
50	9.285	1002	1012	1021	rVV4	2710	6684	0.48%	0.123%
51	9.432	1037	1040	1047	rVB3	420	676	0.05%	0.012%
52	9.589	1060	1070	1090	rBV	139249	312994	22.57%	5.754%
53	9.893	1113	1128	1160	rVB	541023	1386972	100.00%	25.498%
54	10.260	1185	1198	1225	rBV	143892	317474	22.89%	5.836%
55	10.701	1270	1282	1303	rBV	307743	626627	45.18%	11.520%
56	11.052	1339	1349	1363	rBV	49089	102178	7.37%	1.878%
57	11.718	1468	1476	1481	rBV2	625	1081	0.08%	0.020%
58	12.394	1594	1605	1629	rVV	439410	835554	60.24%	15.361%
59	12.620	1638	1648	1657	rVV3	1169	3402	0.25%	0.063%
60	13.107	1733	1741	1751	rBV3	23563	44037	3.18%	0.810%
61	13.904	1889	1893	1900	rVB3	1004	1479	0.11%	0.027%
62	14.041	1909	1919	1940	rVV	408836	739001	53.28%	13.586%
63	15.320	2153	2163	2178	rVV	319377	550311	39.68%	10.117%
64	16.112	2309	2314	2316	rBV4	653	837	0.06%	0.015%
65	16.127	2316	2317	2321	rVB3	770	765	0.06%	0.014%
66	16.169	2321	2325	2329	rBV2	620	748	0.05%	0.014%
67	16.321	2347	2354	2357	rBV3	528	978	0.07%	0.018%
68	16.578	2399	2403	2407	rBV3	568	887	0.06%	0.016%
69	17.024	2485	2488	2494	rBV6	918	1385	0.10%	0.025%
70	17.160	2508	2514	2517	rBV4	1027	1776	0.13%	0.033%
71	17.228	2520	2527	2532	rBV6	659	1324	0.10%	0.024%
72	17.270	2532	2535	2538	rBV4	947	843	0.06%	0.015%
73	17.297	2538	2540	2545	rBV4	715	709	0.05%	0.013%
74	17.506	2577	2580	2582	rBV3	828	699	0.05%	0.013%
75	17.690	2612	2615	2617	rVB5	737	808	0.06%	0.015%
76	17.716	2617	2620	2624	rBV4	840	1408	0.10%	0.026%
77	17.842	2641	2644	2646	rBV3	785	716	0.05%	0.013%
78	17.879	2646	2651	2652	rVB4	1068	1081	0.08%	0.020%
79	17.926	2657	2660	2662	rBV3	855	711	0.05%	0.013%
80	17.973	2664	2669	2671	rBV5	790	942	0.07%	0.017%
81	18.020	2675	2678	2682	rBV4	845	930	0.07%	0.017%
82	18.067	2685	2687	2689	rBV3	960	689	0.05%	0.013%
83	18.094	2691	2692	2698	rBV3	1350	1567	0.11%	0.029%
84	18.146	2698	2702	2704	rVB3	1318	1399	0.10%	0.026%
85	18.204	2706	2713	2715	rBV5	1398	3020	0.22%	0.056%
86	18.272	2722	2726	2727	rBV4	848	818	0.06%	0.015%
87	18.288	2728	2729	2733	rVB4	1047	1092	0.08%	0.020%
88	18.398	2747	2750	2753	rBV5	971	1250	0.09%	0.023%
89	18.592	2784	2787	2790	rBV5	1134	1188	0.09%	0.022%
90	18.613	2790	2791	2796	rVB5	1077	1267	0.09%	0.023%
91	18.660	2798	2800	2802	rBV3	1315	759	0.05%	0.014%
92	18.686	2802	2805	2806	rVB2	1165	800	0.06%	0.015%
93	18.723	2807	2812	2817	rVV8	710	1678	0.12%	0.031%
94	18.948	2850	2855	2856	rBV5	1180	1353	0.10%	0.025%
95	19.341	2928	2930	2933	rBV3	1689	846	0.06%	0.016%

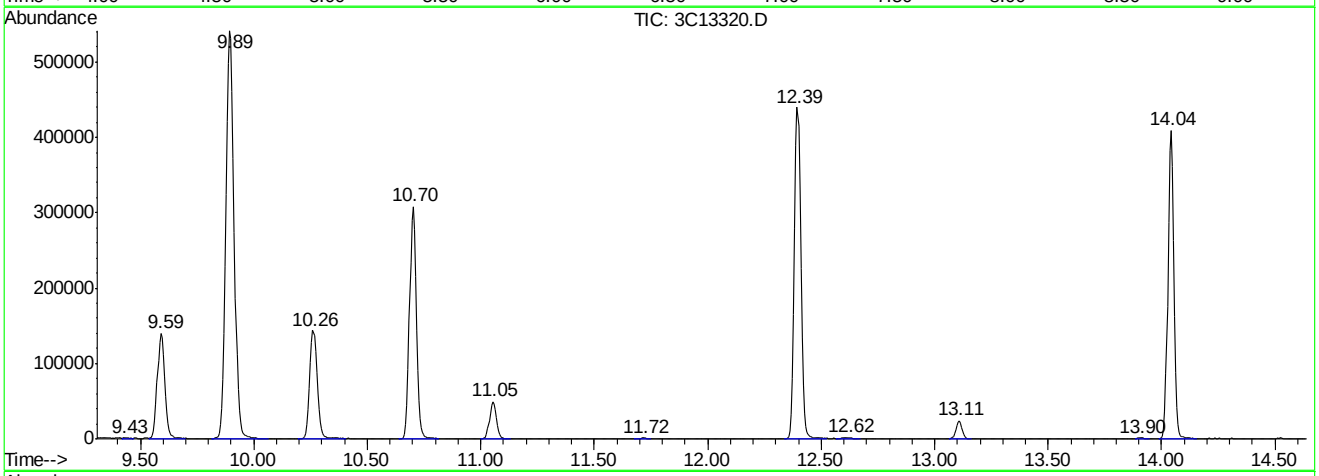
96	19.362	2933	2934	2937	rBV2	1344	1040	0.07%	0.019%
97	19.404	2940	2942	2944	rBV3	1687	1347	0.10%	0.025%
98	19.562	2968	2972	2975	rBV4	2059	2998	0.22%	0.055%
99	19.593	2977	2978	2980	rVV2	1892	964	0.07%	0.018%
100	19.850	3026	3027	3029	rBV2	1577	993	0.07%	0.018%

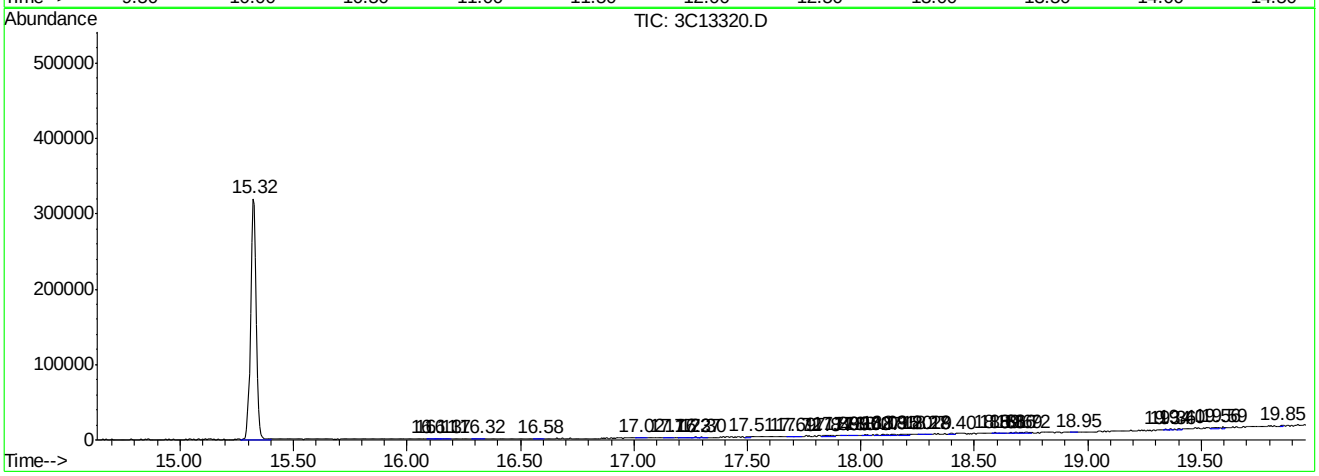
Sum of corrected areas: 5439528

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13320.D
Operator : PINGM
Acquired : 5 May 2006 10:48 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-12
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 29
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 10:48 pm
Data File: C:\MSDCHEM\1\DATA\3C13320.D
Name: J29228-12
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13321.D Vial: 30
Acq On : 5 May 2006 11:17 pm Operator: PINGM
Sample : J29228-13 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 23:40:41 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

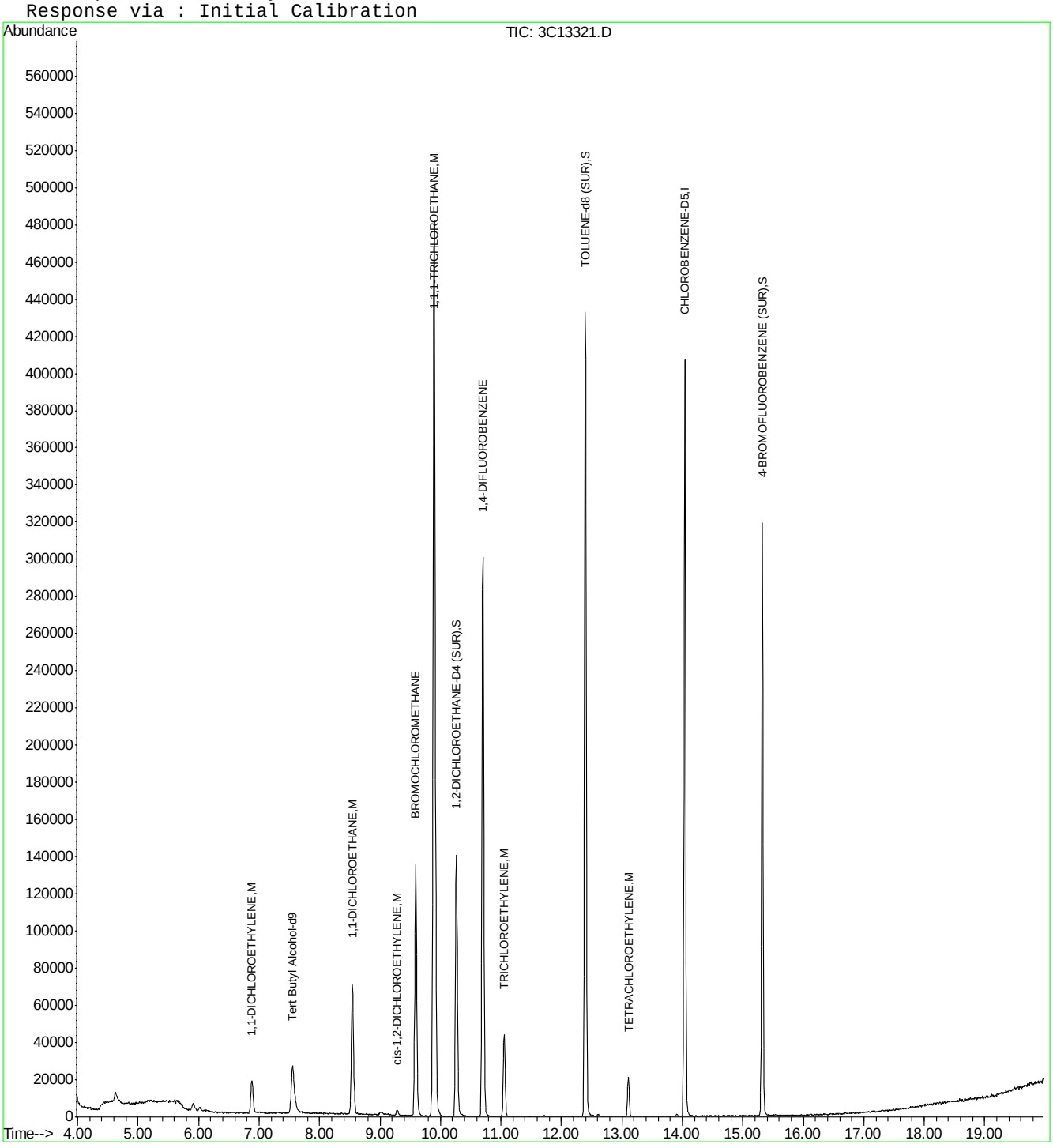
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	47663	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	36752	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	239384	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	217531	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	127924	37.29	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 124.30%						
52) TOLUENE-d8 (SUR)	12.39	98	297215	30.09	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.30%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	118836	28.95	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 96.50%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	9658	4.19	PPb	90
24) 1,1-DICHLOROETHANE	8.54	63	90290	15.46	PPb	99
29) cis-1,2-DICHLOROETHYLENE	9.29	96	1647	0.49	PPb	85
33) 1,1,1-TRICHLOROETHANE	9.90	97	418275	82.38	PPb	97
42) TRICHLOROETHYLENE	11.05	95	17348	5.84	PPb	94
55) TETRACHLOROETHYLENE	13.11	164	4856	2.35	PPb	94

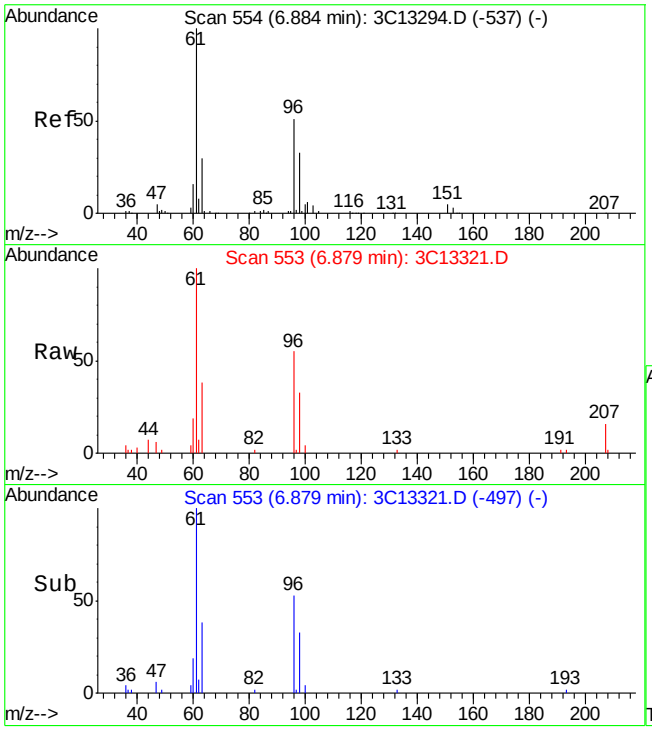
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13321.D Vial: 30
Acq On : 5 May 2006 11:17 pm Operator: PINGM
Sample : J29228-13 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:50 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

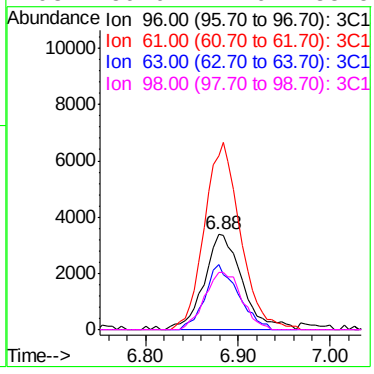


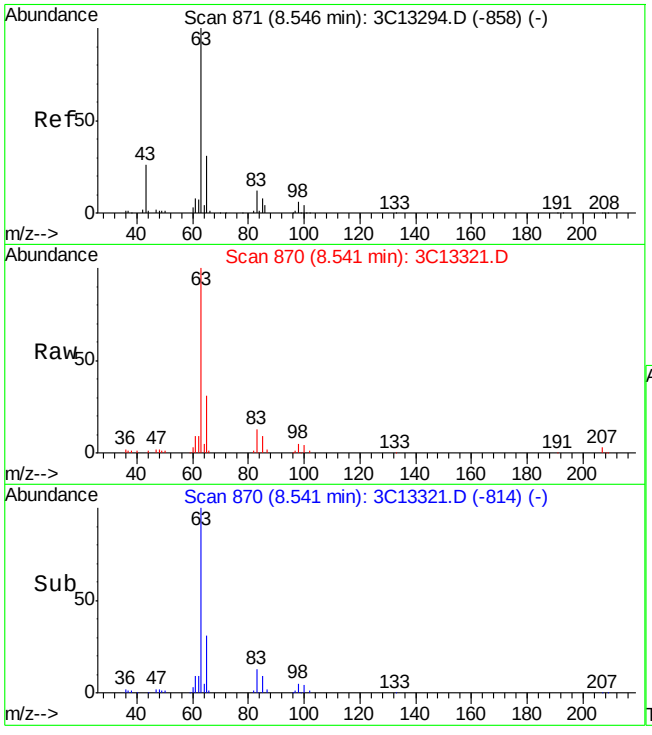


#14
1,1-DICHLOROETHYLENE
Concen: 4.19 PPb
RT: 6.88 min Scan# 553
Delta R.T. -0.01 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion: 96 Resp: 9658

Ion	Ratio	Lower	Upper
96	100		
61	179.8	137.9	256.1
63	68.5	42.1	78.1
98	59.6	44.9	83.5

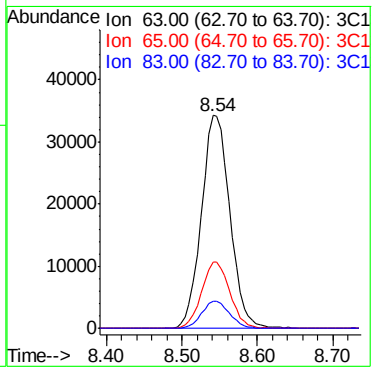


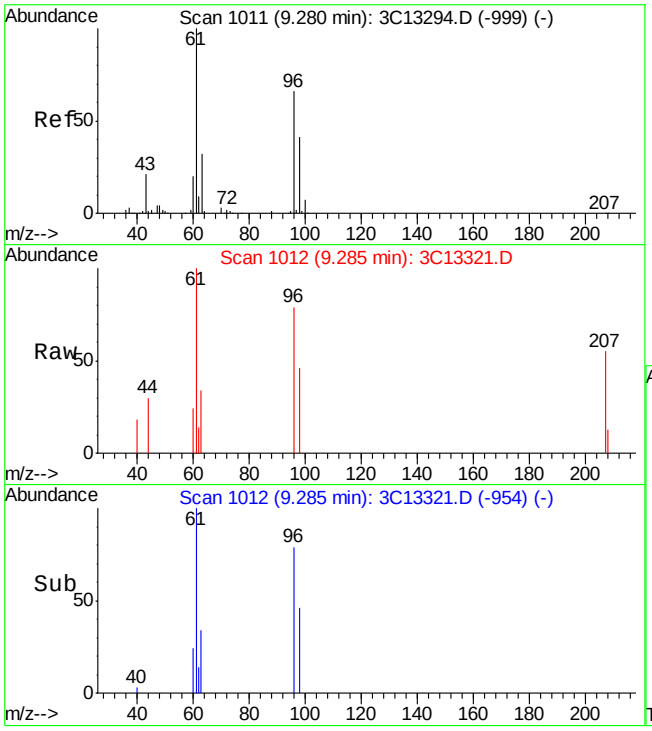


#24
1,1-DICHLOROETHANE
Concen: 15.46 PPb
RT: 8.54 min Scan# 870
Delta R.T. -0.01 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion: 63 Resp: 90290

Ion	Ratio	Lower	Upper
63	100		
65	31.0	0.9	60.9
83	13.0	0.0	42.2

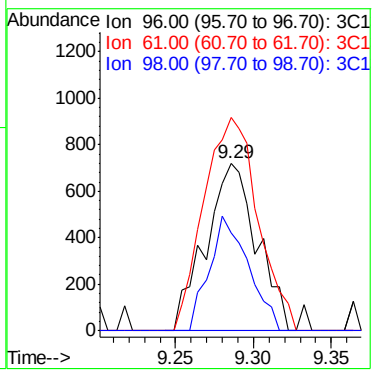


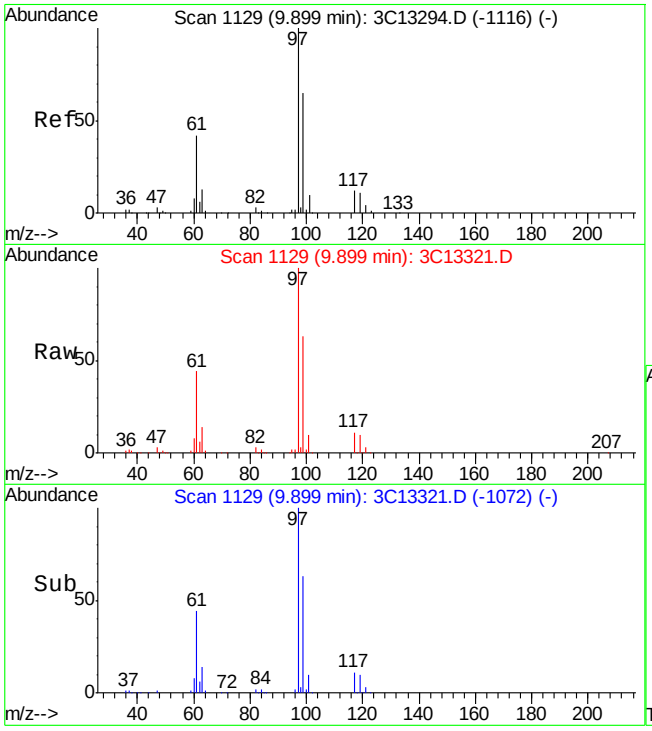


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.49 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion: 96 Resp: 1647

Ion	Ratio	Lower	Upper
96	100		
61	127.4	121.3	181.3
98	58.3	32.7	92.7

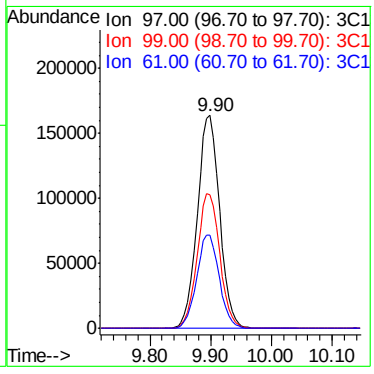


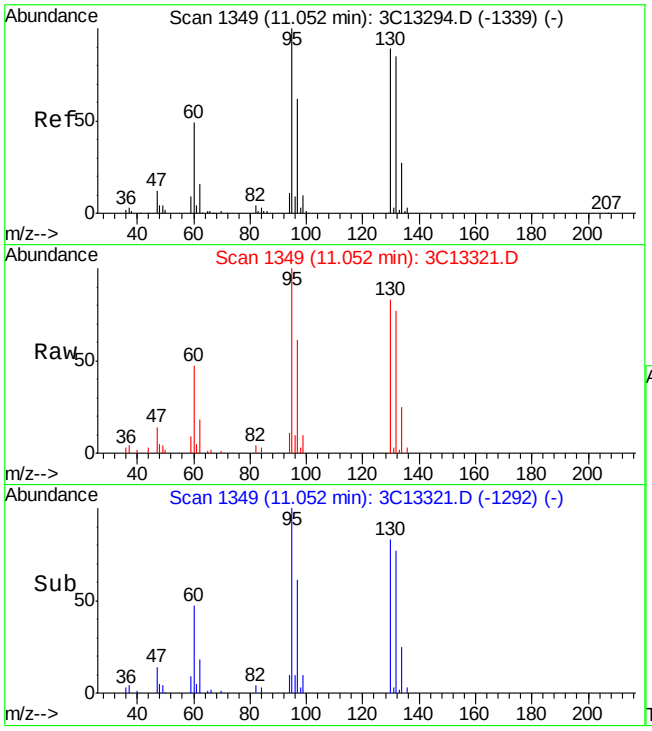


#33
1,1,1-TRICHLOROETHANE
Concen: 82.38 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion: 97 Resp: 418275

Ion	Ratio	Lower	Upper
97	100		
99	62.9	34.7	94.7
61	43.8	11.7	71.7

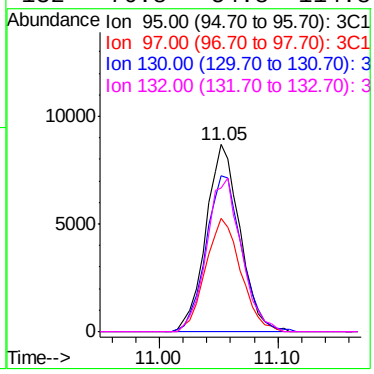


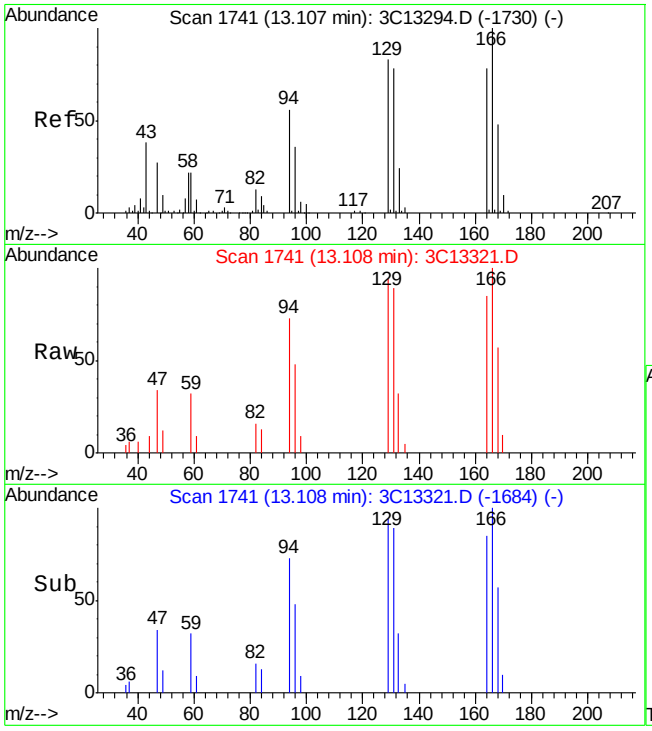


#42
TRICHLOROETHYLENE
Concen: 5.84 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion: 95 Resp: 17348

Ion	Ratio	Lower	Upper
95	100		
97	60.6	32.3	92.3
130	83.2	59.3	119.3
132	76.8	54.8	114.8

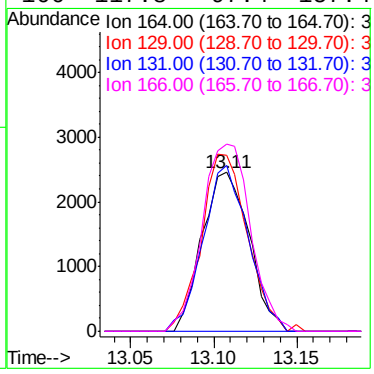




#55
TETRACHLOROETHYLENE
Concen: 2.35 PPb
RT: 13.11 min Scan# 1741
Delta R.T. 0.00 min
Lab File: 3C13321.D
Acq: 5 May 2006 11:17 pm

Tgt Ion:164 Resp: 4856

Ion	Ratio	Lower	Upper
164	100		
129	108.9	75.4	135.4
131	104.5	69.3	129.3
166	117.8	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13321.D Vial: 30
Acq On : 5 May 2006 11:17 pm Operator: PINGM
Sample : J29228-13 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

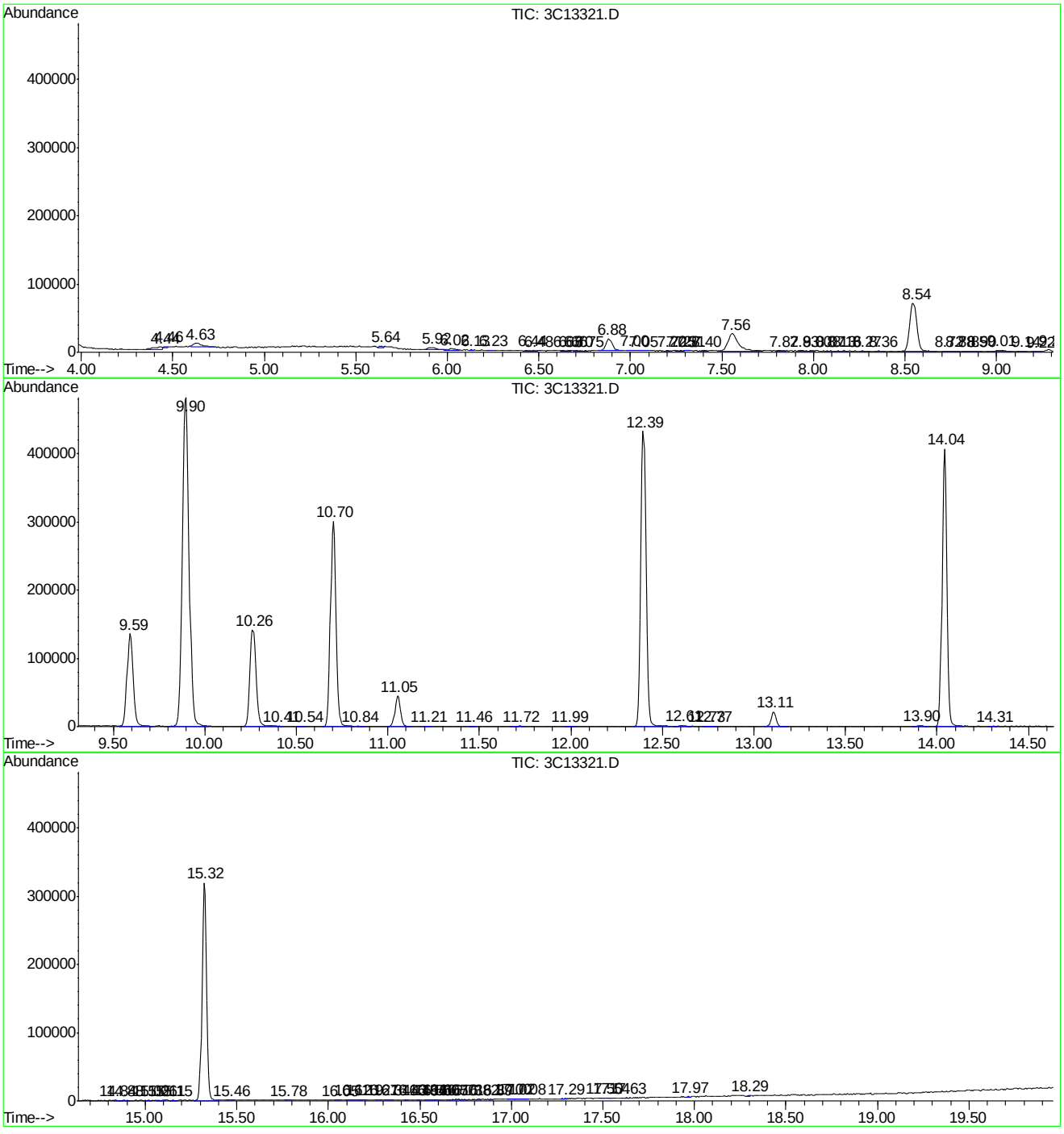
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.436	72	87	89	rBV7	3986	14713	1.18%	0.284%
2	4.457	89	91	94	rVV4	1278	1774	0.14%	0.034%
3	4.630	118	124	143	rVB8	5698	20166	1.62%	0.390%
4	5.641	313	317	319	rBV4	1661	2556	0.21%	0.049%
5	5.919	361	370	382	rVB2	3899	11877	0.95%	0.230%
6	6.019	382	389	398	rVB9	2044	5842	0.47%	0.113%
7	6.129	408	410	413	rBV3	959	980	0.08%	0.019%
8	6.229	428	429	432	rBV2	503	386	0.03%	0.007%
9	6.444	466	470	473	rVB4	808	1035	0.08%	0.020%
10	6.475	473	476	480	rBV3	671	999	0.08%	0.019%
11	6.632	503	506	509	rVB3	543	672	0.05%	0.013%
12	6.664	509	512	514	rBV3	555	573	0.05%	0.011%
13	6.695	516	518	525	rVB3	818	1306	0.10%	0.025%
14	6.753	527	529	531	rBV3	525	430	0.03%	0.008%
15	6.879	543	553	567	rBV2	17420	47393	3.81%	0.916%
16	6.999	572	576	580	rVV5	565	794	0.06%	0.015%
17	7.052	583	586	595	rVB5	447	819	0.07%	0.016%
18	7.204	612	615	617	rBV3	522	458	0.04%	0.009%
19	7.251	623	624	627	rVB3	767	525	0.04%	0.010%
20	7.277	627	629	632	rBV3	493	507	0.04%	0.010%
21	7.309	632	635	637	rBV3	447	381	0.03%	0.007%
22	7.398	649	652	657	rVB5	834	1183	0.10%	0.023%
23	7.555	669	682	713	rVB	25784	100919	8.10%	1.951%
24	7.817	727	732	739	rBV4	562	1224	0.10%	0.024%
25	7.927	750	753	762	rVB4	742	1379	0.11%	0.027%
26	8.001	762	767	768	rBV4	543	697	0.06%	0.013%
27	8.074	779	781	784	rBV2	728	498	0.04%	0.010%
28	8.132	788	792	794	rVB2	727	825	0.07%	0.016%
29	8.163	794	798	803	rBV5	1103	1652	0.13%	0.032%
30	8.268	817	818	822	rBV4	493	463	0.04%	0.009%
31	8.357	834	835	837	rBV	1025	681	0.05%	0.013%
32	8.541	858	870	892	rVB	70375	185112	14.87%	3.579%
33	8.719	903	904	910	rVB4	612	627	0.05%	0.012%
34	8.777	910	915	917	rBV4	600	647	0.05%	0.013%
35	8.850	922	929	931	rBV3	669	1011	0.08%	0.020%
36	8.897	935	938	939	rBV2	401	418	0.03%	0.008%
37	9.007	952	959	972	rBV4	1754	5992	0.48%	0.116%
38	9.139	981	984	986	rVB3	709	604	0.05%	0.012%

39	9.217	995	999	1003	rBV2	492	823	0.07%	0.016%
40	9.285	1003	1012	1020	rVB5	2892	6670	0.54%	0.129%
41	9.589	1059	1070	1093	rVB	135496	309208	24.83%	5.978%
42	9.899	1111	1129	1151	rBV	481914	1245249	100.00%	24.076%
43	10.261	1188	1198	1224	rVB	141095	316989	25.46%	6.129%
44	10.407	1224	1226	1229	rBV	554	578	0.05%	0.011%
45	10.538	1244	1251	1253	rVB2	212	413	0.03%	0.008%
46	10.701	1271	1282	1303	rBV	300857	616233	49.49%	11.914%
47	10.837	1307	1308	1315	rVB3	370	495	0.04%	0.010%
48	11.052	1339	1349	1362	rVB	44145	91917	7.38%	1.777%
49	11.215	1376	1380	1384	rVB	345	403	0.03%	0.008%
50	11.461	1424	1427	1430	rVB2	365	390	0.03%	0.008%
51	11.718	1467	1476	1480	rBV2	581	903	0.07%	0.017%
52	11.986	1524	1527	1534	rVB2	241	445	0.04%	0.009%
53	12.394	1595	1605	1632	rBV	432552	819858	65.84%	15.851%
54	12.609	1637	1646	1655	rBV3	1119	2558	0.21%	0.049%
55	12.730	1668	1669	1674	rVB	408	475	0.04%	0.009%
56	12.772	1674	1677	1682	rBV2	323	430	0.03%	0.008%
57	13.108	1732	1741	1755	rVB2	21060	40071	3.22%	0.775%
58	13.904	1885	1893	1901	rBV4	962	1986	0.16%	0.038%
59	14.041	1909	1919	1938	rBV	407127	732187	58.80%	14.156%
60	14.308	1965	1970	1974	rBV	314	492	0.04%	0.010%
61	14.838	2069	2071	2076	rBV2	397	515	0.04%	0.010%
62	14.880	2076	2079	2085	rBV3	320	584	0.05%	0.011%
63	15.021	2101	2106	2107	rVB3	348	392	0.03%	0.008%
64	15.063	2113	2114	2118	rVB3	414	382	0.03%	0.007%
65	15.105	2118	2122	2123	rBV2	567	603	0.05%	0.012%
66	15.147	2128	2130	2135	rBV2	444	381	0.03%	0.007%
67	15.320	2153	2163	2179	rBV	319206	544778	43.75%	10.533%
68	15.462	2187	2190	2194	rVB3	362	458	0.04%	0.009%
69	15.776	2247	2250	2254	rBV3	392	477	0.04%	0.009%
70	16.054	2299	2303	2306	rBV2	345	455	0.04%	0.009%
71	16.122	2311	2316	2324	rBV2	514	978	0.08%	0.019%
72	16.190	2324	2329	2332	rBV3	330	427	0.03%	0.008%
73	16.274	2342	2345	2348	rBV2	404	383	0.03%	0.007%
74	16.337	2352	2357	2360	rBV3	683	668	0.05%	0.013%
75	16.432	2372	2375	2376	rBV3	602	456	0.04%	0.009%
76	16.489	2385	2386	2388	rBV3	523	431	0.03%	0.008%
77	16.536	2393	2395	2397	rVV3	697	655	0.05%	0.013%
78	16.563	2398	2400	2403	rVV2	695	566	0.05%	0.011%
79	16.605	2403	2408	2409	rVB3	530	751	0.06%	0.015%
80	16.652	2416	2417	2420	rBV2	413	384	0.03%	0.007%
81	16.699	2421	2426	2430	rBV5	694	1335	0.11%	0.026%
82	16.730	2430	2432	2438	rVV4	427	636	0.05%	0.012%
83	16.820	2447	2449	2452	rVB4	545	396	0.03%	0.008%
84	16.893	2460	2463	2464	rVB2	530	435	0.03%	0.008%
85	16.998	2479	2483	2486	rVB4	731	774	0.06%	0.015%
86	17.019	2486	2487	2492	rBV3	579	664	0.05%	0.013%
87	17.076	2493	2498	2501	rBV4	758	1005	0.08%	0.019%
88	17.291	2535	2539	2541	rBV4	740	1082	0.09%	0.021%
89	17.496	2576	2578	2581	rVB3	681	625	0.05%	0.012%
90	17.538	2584	2586	2588	rBV3	679	612	0.05%	0.012%
91	17.627	2601	2603	2606	rBV4	790	924	0.07%	0.018%
92	17.968	2665	2668	2670	rBV2	1109	1026	0.08%	0.020%
93	18.293	2728	2730	2732	rBV3	1363	1106	0.09%	0.021%

Sum of corrected areas: 5172235

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13321.D
Operator : PINGM
Acquired : 5 May 2006 11:17 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-13
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 30
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 11:17 pm
Data File: C:\MSDCHEM\1\DATA\3C13321.D
Name: J29228-13
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13322.D Vial: 31
Acq On : 5 May 2006 11:46 pm Operator: PINGM
Sample : J29228-14 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 00:09:47 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

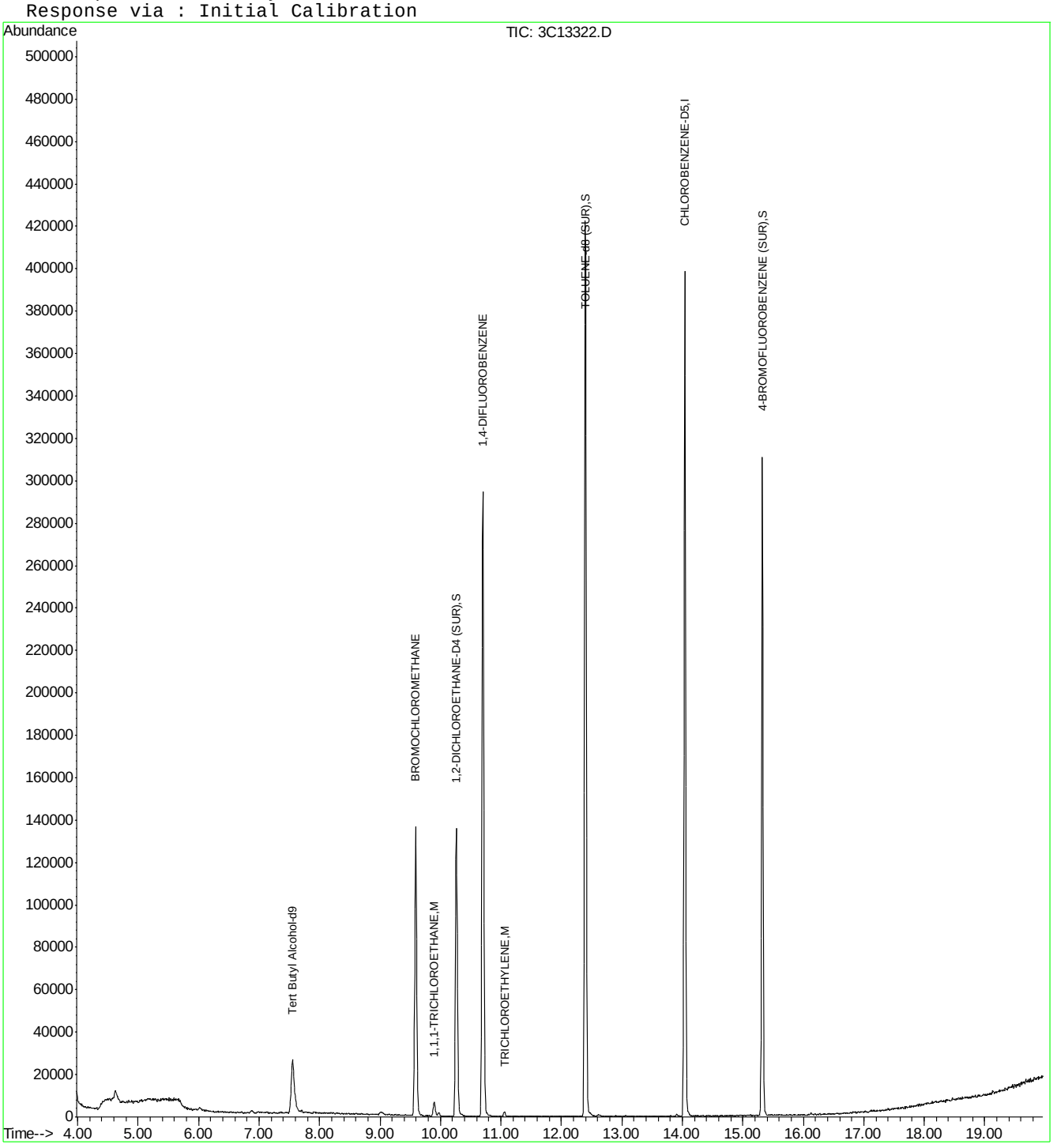
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	46711	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	36826	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	232340	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	210476	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	124620	36.25	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 120.83%						
52) TOLUENE-d8 (SUR)	12.39	98	289847	30.23	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.77%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	116410	29.31	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.70%						
Target Compounds						Qvalue
33) 1,1,1-TRICHLOROETHANE	9.89	97	6303	1.24	PPb	93
42) TRICHLOROETHYLENE	11.06	95	981	0.34	PPb	79

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

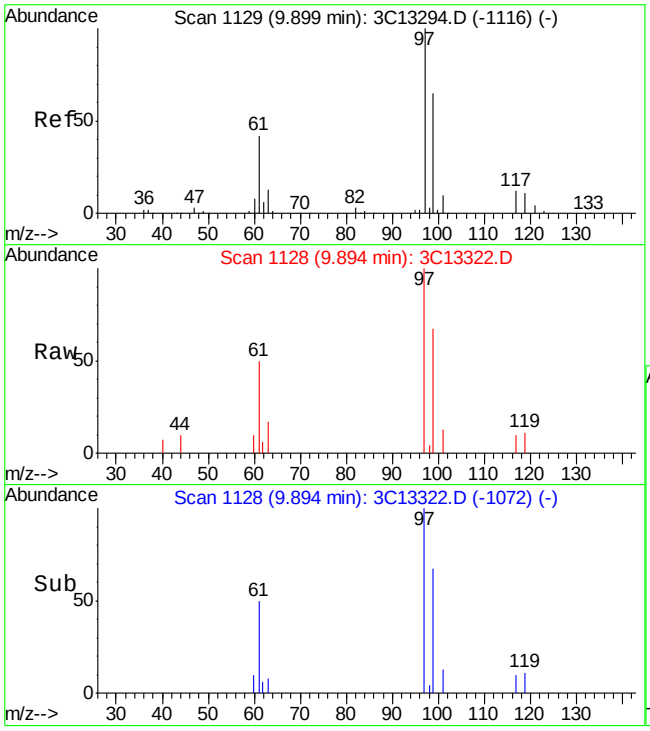
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13322.D Vial: 31
Acq On : 5 May 2006 11:46 pm Operator: PINGM
Sample : J29228-14 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:51 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



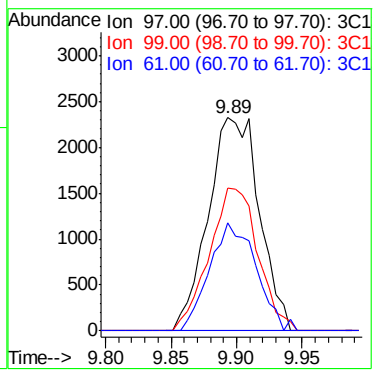
3C13322.D M3C576.M Mon May 08 15:16:03 2006 MS3C Page 2

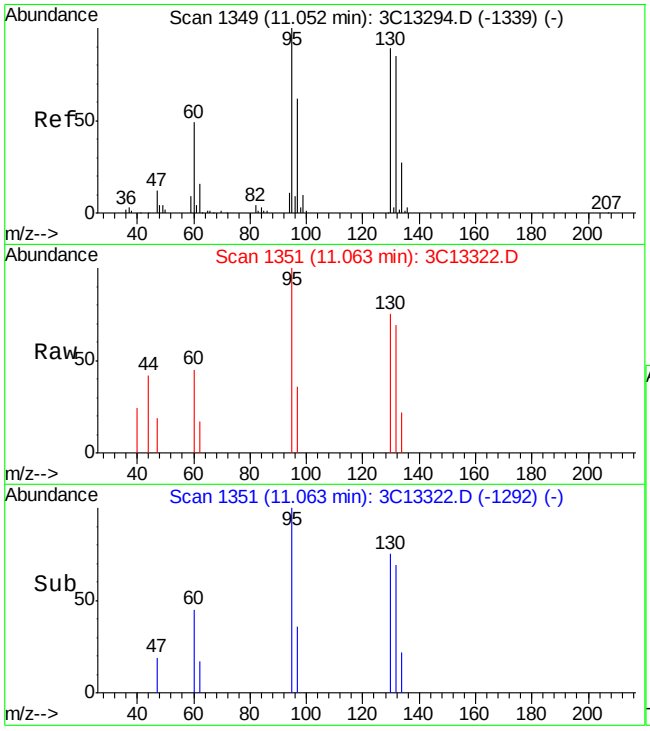


#33
1,1,1-TRICHLOROETHANE
Concen: 1.24 PPb
RT: 9.89 min Scan# 1128
Delta R.T. -0.01 min
Lab File: 3C13322.D
Acq: 5 May 2006 11:46 pm

Tgt Ion: 97 Resp: 6303

Ion	Ratio	Lower	Upper
97	100		
99	66.9	34.7	94.7
61	50.5	11.7	71.7

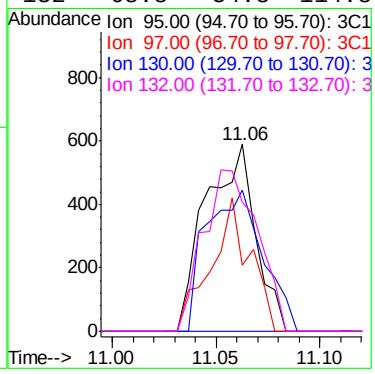




#42
TRICHLOROETHYLENE
Concen: 0.34 PPb
RT: 11.06 min Scan# 1351
Delta R.T. 0.01 min
Lab File: 3C13322.D
Acq: 5 May 2006 11:46 pm

Tgt Ion: 95 Resp: 981

Ion	Ratio	Lower	Upper
95	100		
97	35.6	32.3	92.3
130	75.3	59.3	119.3
132	68.8	54.8	114.8



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13322.D Vial: 31
Acq On : 5 May 2006 11:46 pm Operator: PINGM
Sample : J29228-14 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

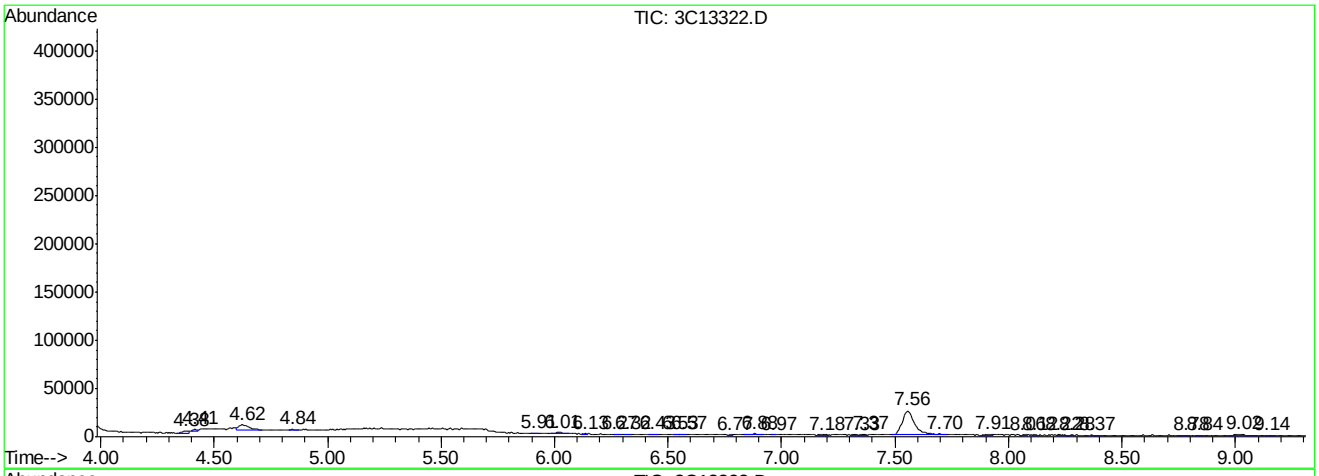
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.378	68	76	78	rBV5	2829	5021	0.63%	0.145%
2	4.415	80	83	86	rVV4	1636	2431	0.30%	0.070%
3	4.624	118	123	139	rVB7	5857	18809	2.34%	0.543%
4	4.845	162	165	170	rBV7	957	1056	0.13%	0.030%
5	5.909	366	368	371	rBV2	534	642	0.08%	0.019%
6	6.014	383	388	397	rVB6	1513	3916	0.49%	0.113%
7	6.134	408	411	413	rBV3	648	722	0.09%	0.021%
8	6.265	435	436	441	rBV4	679	883	0.11%	0.025%
9	6.323	443	447	449	rBV3	850	1089	0.14%	0.031%
10	6.433	465	468	472	rBV4	712	1005	0.13%	0.029%
11	6.533	485	487	490	rVB3	609	490	0.06%	0.014%
12	6.569	490	494	496	rBV4	576	605	0.08%	0.017%
13	6.774	531	533	535	rBV3	564	549	0.07%	0.016%
14	6.884	545	554	561	rBV5	1290	3351	0.42%	0.097%
15	6.968	567	570	571	rBV3	441	393	0.05%	0.011%
16	7.178	607	610	615	rVB3	530	734	0.09%	0.021%
17	7.330	634	639	641	rBV3	521	756	0.09%	0.022%
18	7.372	641	647	648	rVB3	806	1102	0.14%	0.032%
19	7.555	669	682	707	rBV	25262	98344	12.25%	2.838%
20	7.697	708	709	714	rVB4	1230	1139	0.14%	0.033%
21	7.912	743	750	754	rBV4	748	1321	0.16%	0.038%
22	8.064	777	779	783	rBV2	511	631	0.08%	0.018%
23	8.116	787	789	792	rVB3	538	513	0.06%	0.015%
24	8.221	807	809	816	rVB3	840	1484	0.18%	0.043%
25	8.279	816	820	822	rBV2	703	1005	0.13%	0.029%
26	8.368	836	837	844	rVB5	522	526	0.07%	0.015%
27	8.782	911	916	919	rBV4	376	558	0.07%	0.016%
28	8.845	924	928	930	rBV3	371	508	0.06%	0.015%
29	9.018	952	961	976	rVB5	1388	5414	0.67%	0.156%
30	9.139	983	984	991	rVB3	334	499	0.06%	0.014%
31	9.589	1058	1070	1087	rVB	136271	302919	37.74%	8.741%
32	9.894	1118	1128	1137	rBV3	6635	16748	2.09%	0.483%
33	9.972	1137	1143	1151	rVB4	1483	3255	0.41%	0.094%
34	10.261	1187	1198	1213	rBV	135794	302543	37.70%	8.730%
35	10.701	1267	1282	1303	rBV	294664	599590	74.71%	17.302%
36	11.063	1343	1351	1357	rVB3	2286	4493	0.56%	0.130%
37	11.309	1396	1398	1401	rBV2	426	430	0.05%	0.012%
38	11.991	1526	1528	1533	rVB2	344	419	0.05%	0.012%

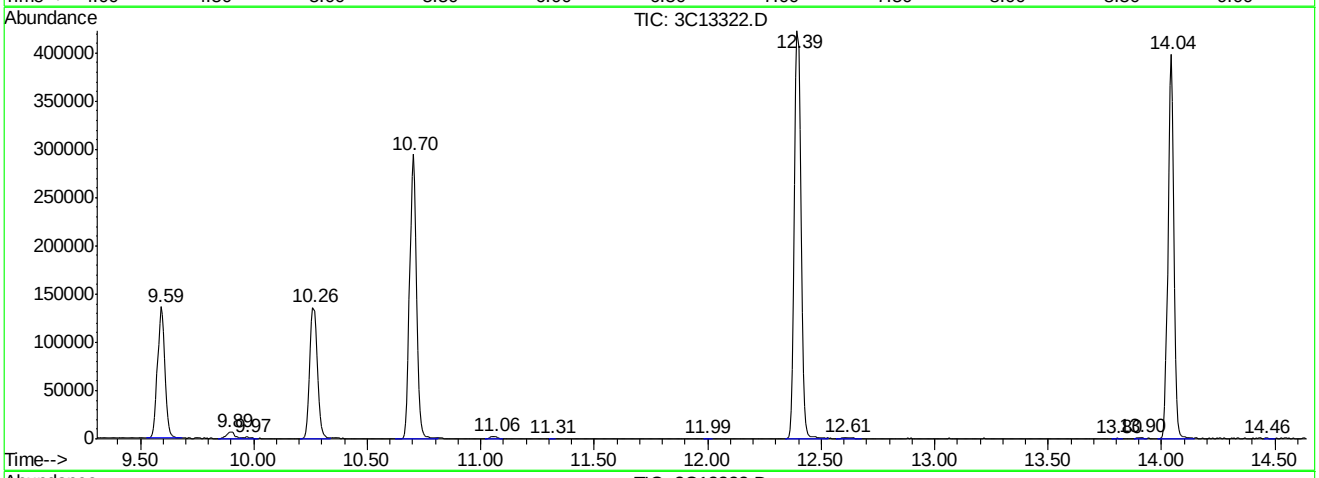
39	12.395	1595	1605	1631	rBV	422544	802580	100.00%	23.160%
40	12.609	1638	1646	1658	rVB2	798	2153	0.27%	0.062%
41	13.805	1869	1874	1878	rBV2	372	659	0.08%	0.019%
42	13.905	1888	1893	1899	rBV3	1078	1696	0.21%	0.049%
43	14.041	1908	1919	1938	rBV	398609	713399	88.89%	20.586%
44	14.455	1997	1998	2006	rVB3	262	435	0.05%	0.013%
45	14.943	2087	2091	2094	rBV2	342	446	0.06%	0.013%
46	14.979	2095	2098	2100	rVB3	353	405	0.05%	0.012%
47	15.215	2139	2143	2147	rBV2	266	383	0.05%	0.011%
48	15.320	2154	2163	2180	rBV	310611	532294	66.32%	15.360%
49	15.525	2197	2202	2205	rBV2	422	600	0.07%	0.017%
50	15.561	2205	2209	2213	rVB3	618	573	0.07%	0.017%
51	15.724	2239	2240	2244	rVB2	461	440	0.05%	0.013%
52	15.766	2244	2248	2252	rBV2	405	701	0.09%	0.020%
53	15.792	2252	2253	2259	rVB3	362	454	0.06%	0.013%
54	16.080	2306	2308	2312	rBV2	451	458	0.06%	0.013%
55	16.128	2312	2317	2323	rVV4	1053	1574	0.20%	0.045%
56	16.190	2325	2329	2331	rBV3	450	553	0.07%	0.016%
57	16.264	2341	2343	2347	rBV3	682	799	0.10%	0.023%
58	16.400	2365	2369	2371	rBV2	803	643	0.08%	0.019%
59	16.537	2392	2395	2396	rBV2	382	445	0.06%	0.013%
60	16.636	2411	2414	2417	rBV4	415	556	0.07%	0.016%
61	16.668	2417	2420	2422	rBV2	578	534	0.07%	0.015%
62	16.767	2438	2439	2444	rBV3	601	668	0.08%	0.019%
63	16.814	2444	2448	2451	rBV4	696	861	0.11%	0.025%
64	16.877	2458	2460	2462	rBV2	646	464	0.06%	0.013%
65	16.909	2462	2466	2467	rBV4	716	687	0.09%	0.020%
66	16.945	2470	2473	2475	rBV3	742	667	0.08%	0.019%
67	17.024	2487	2488	2492	rBV3	959	943	0.12%	0.027%
68	17.103	2500	2503	2504	rVB2	780	461	0.06%	0.013%
69	17.118	2504	2506	2507	rBV	923	595	0.07%	0.017%
70	17.218	2520	2525	2526	rBV4	795	754	0.09%	0.022%
71	17.286	2536	2538	2541	rBV3	852	882	0.11%	0.025%
72	17.465	2569	2572	2576	rBV5	813	1202	0.15%	0.035%
73	17.501	2576	2579	2580	rVV3	602	509	0.06%	0.015%
74	17.575	2590	2593	2596	rVB3	860	678	0.08%	0.020%
75	17.606	2597	2599	2601	rVB2	1002	662	0.08%	0.019%
76	17.638	2601	2605	2607	rBV5	1010	1464	0.18%	0.042%
77	17.695	2614	2616	2618	rBV3	1036	1028	0.13%	0.030%
78	17.790	2632	2634	2639	rVB5	773	971	0.12%	0.028%
79	17.952	2663	2665	2667	rBV3	875	849	0.11%	0.024%
80	19.494	2957	2959	2964	rVB5	1812	2426	0.30%	0.070%

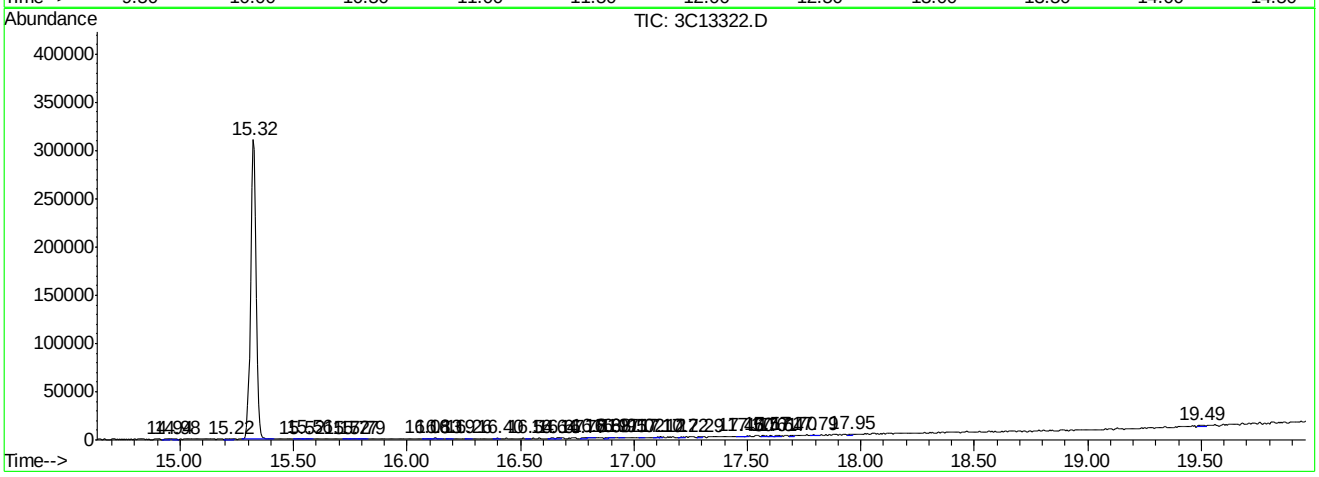
Sum of corrected areas: 3465444

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13322.D
Operator : PINGM
Acquired : 5 May 2006 11:46 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-14
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 31
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 11:46 pm
Data File: C:\MSDCHEM\1\DATA\3C13322.D
Name: J29228-14
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13323.D Vial: 32
Acq On : 6 May 2006 12:14 am Operator: PINGM
Sample : J29228-15 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 00:38:27 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	47011	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	37226	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	230119	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	207521	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	124964	35.96	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 119.87%			
52) TOLUENE-d8 (SUR)	12.39	98	287264	30.25	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.83%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	115160	29.41	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 98.03%			

Target Compounds

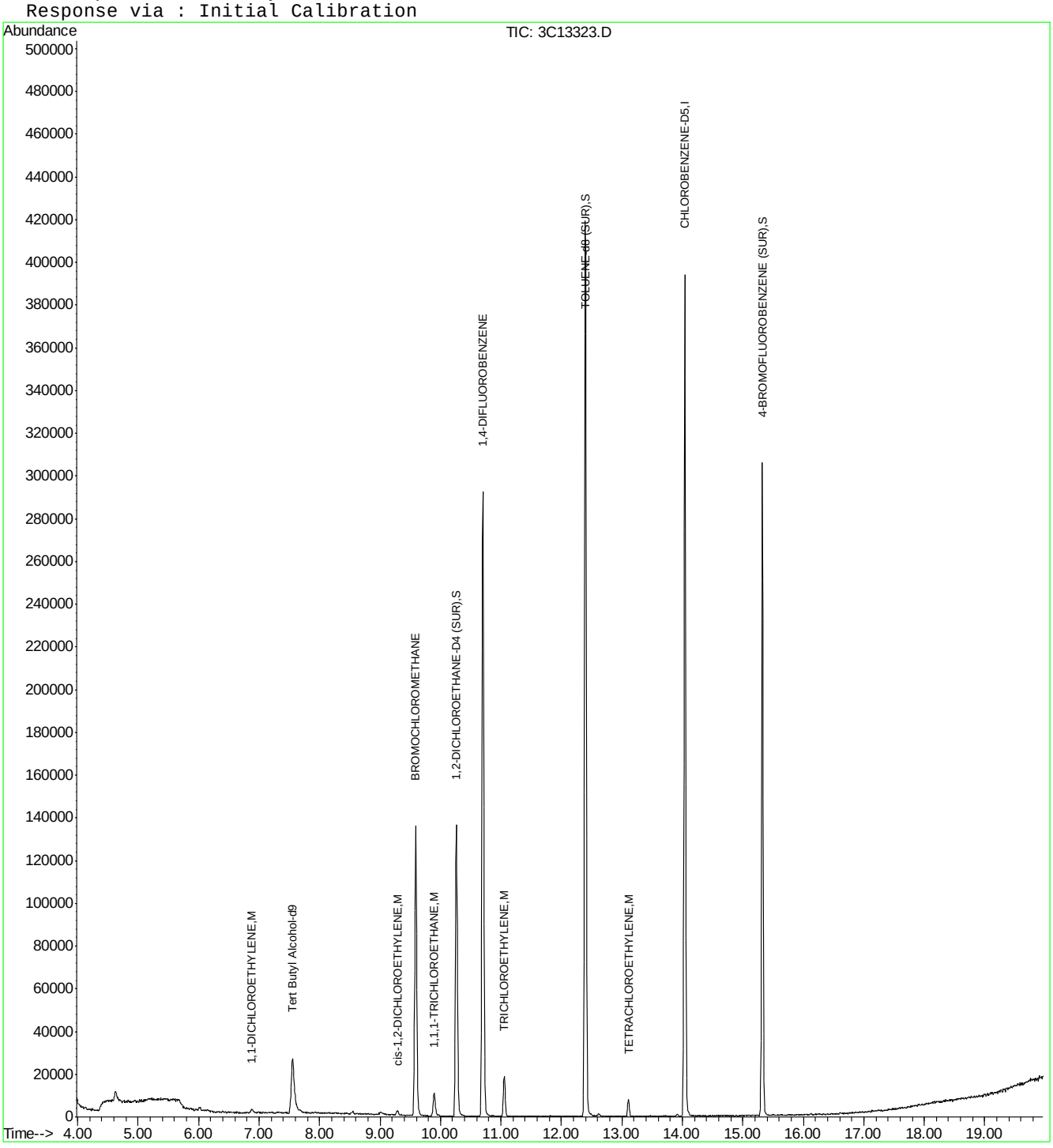
						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	1462	0.63	PPb	# 62
29) cis-1,2-DICHLOROETHYLENE	9.29	96	1187	0.35	PPb	# 81
33) 1,1,1-TRICHLOROETHANE	9.90	97	9947	1.93	PPb	94
42) TRICHLOROETHYLENE	11.05	95	7720	2.70	PPb	94
55) TETRACHLOROETHYLENE	13.10	164	1767	0.90	PPb	89

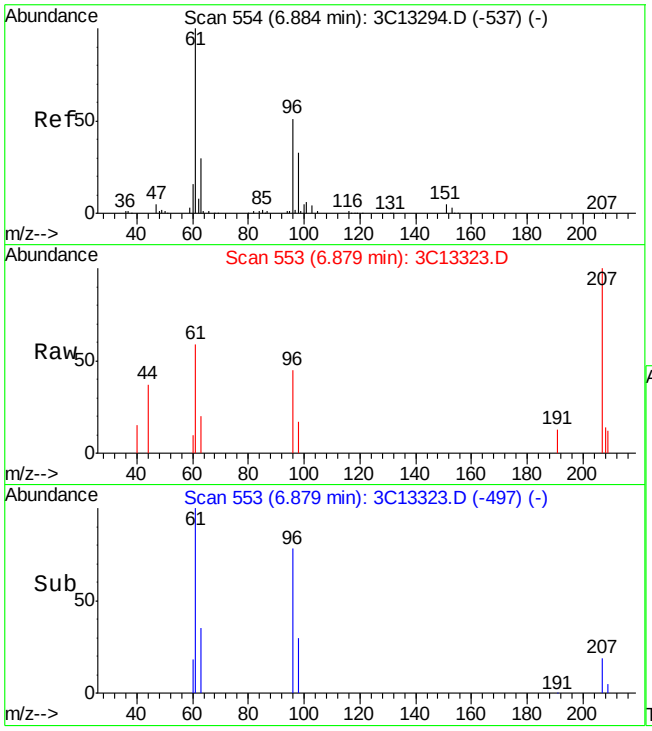
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13323.D Vial: 32
Acq On : 6 May 2006 12:14 am Operator: PINGM
Sample : J29228-15 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:52 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

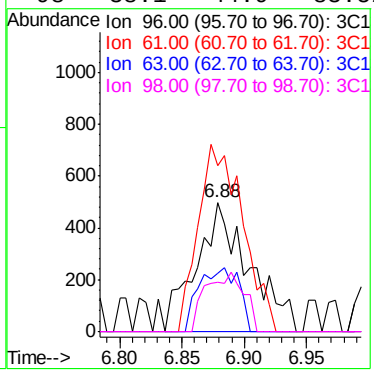


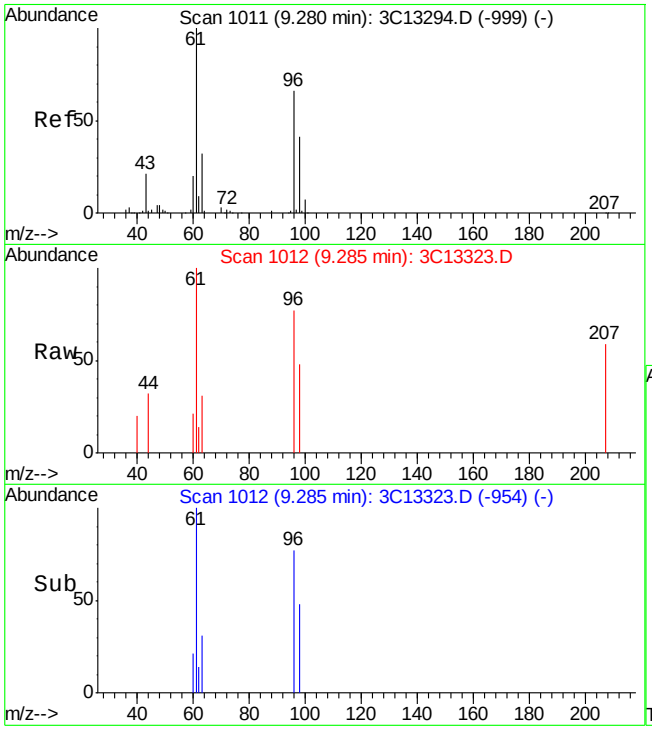


#14
1,1-DICHLOROETHYLENE
Concen: 0.63 PPb
RT: 6.88 min Scan# 553
Delta R.T. -0.01 min
Lab File: 3C13323.D
Acq: 6 May 2006 12:14 am

Tgt Ion: 96 Resp: 1462

Ion	Ratio	Lower	Upper
96	100		
61	128.7	137.9	256.1#
63	44.9	42.1	78.1
98	38.1	44.9	83.5#

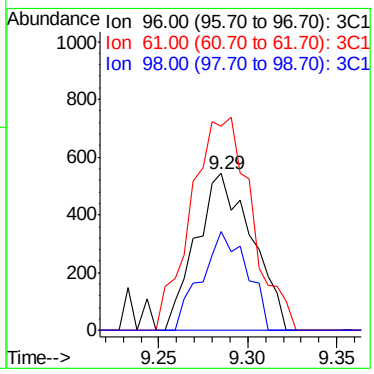


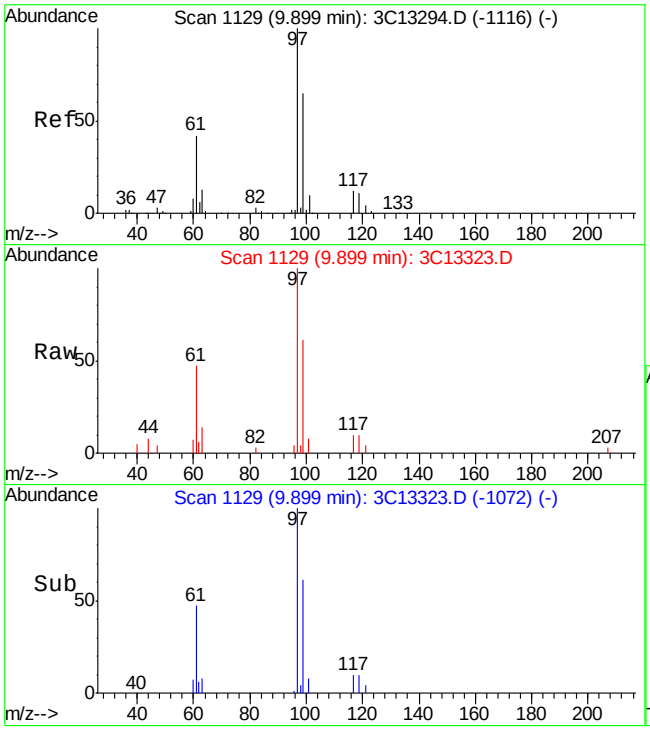


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.35 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13323.D
Acq: 6 May 2006 12:14 am

Tgt Ion: 96 Resp: 1187

Ion	Ratio	Lower	Upper
96	100		
61	116.2	121.3	181.3#
98	62.7	32.7	92.7

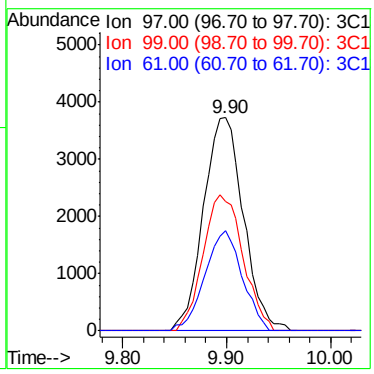


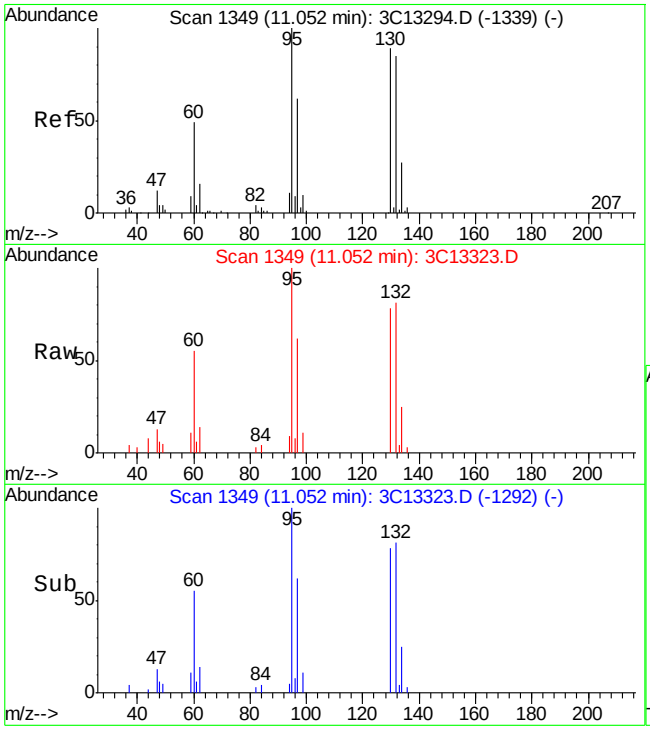


#33
1,1,1-TRICHLOROETHANE
Concen: 1.93 PPb
RT: 9.90 min Scan# 1129
Delta R.T. -0.00 min
Lab File: 3C13323.D
Acq: 6 May 2006 12:14 am

Tgt Ion: 97 Resp: 9947

Ion	Ratio	Lower	Upper
97	100		
99	60.7	34.7	94.7
61	46.7	11.7	71.7

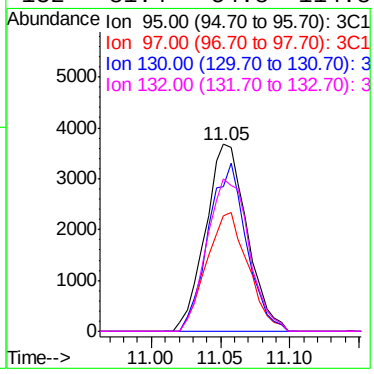


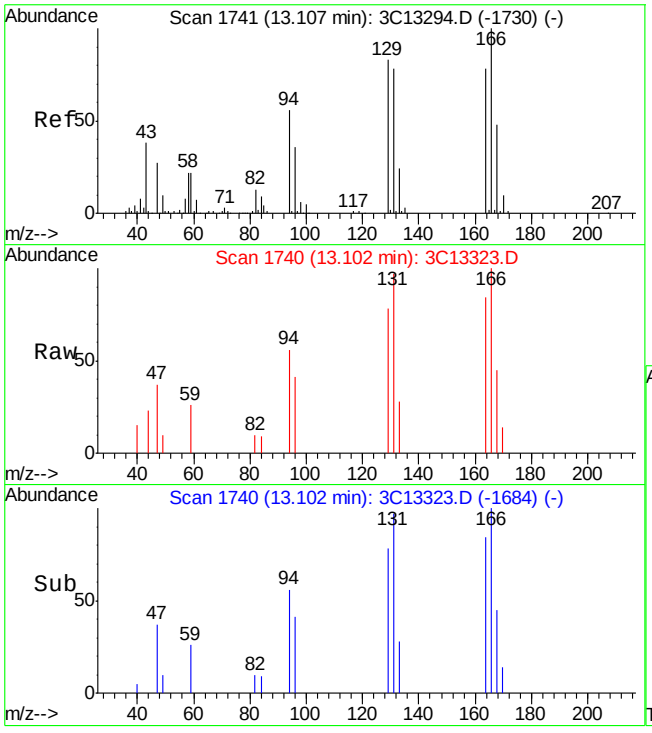


#42
TRICHLOROETHYLENE
Concen: 2.70 PPb
RT: 11.05 min Scan# 1349
Delta R.T. -0.00 min
Lab File: 3C13323.D
Acq: 6 May 2006 12:14 am

Tgt Ion: 95 Resp: 7720

Ion	Ratio	Lower	Upper
95	100		
97	61.6	32.3	92.3
130	77.6	59.3	119.3
132	81.4	54.8	114.8

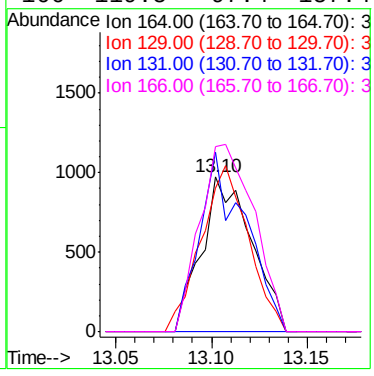




#55
TETRACHLOROETHYLENE
Concen: 0.90 PPb
RT: 13.10 min Scan# 1740
Delta R.T. -0.01 min
Lab File: 3C13323.D
Acq: 6 May 2006 12:14 am

Tgt Ion:164 Resp: 1767

Ion	Ratio	Lower	Upper
164	100		
129	93.1	75.4	135.4
131	115.8	69.3	129.3
166	119.5	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13323.D Vial: 32
Acq On : 6 May 2006 12:14 am Operator: PINGM
Sample : J29228-15 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.163	34	35	38	rVB2	601	531	0.07%	0.015%
2	4.241	49	50	54	rBV3	864	641	0.08%	0.018%
3	4.409	71	82	83	rBV6	4123	8691	1.10%	0.248%
4	4.441	84	88	90	rVV5	1439	2172	0.27%	0.062%
5	4.624	117	123	129	rBV6	4175	8830	1.11%	0.252%
6	5.023	197	199	203	rBV5	1393	1690	0.21%	0.048%
7	5.914	367	369	373	rVB3	1074	1325	0.17%	0.038%
8	5.951	374	376	379	rVV4	479	502	0.06%	0.014%
9	6.008	383	387	390	rBV5	1497	2217	0.28%	0.063%
10	6.071	398	399	403	rVB4	732	636	0.08%	0.018%
11	6.103	403	405	410	rVV5	760	812	0.10%	0.023%
12	6.150	410	414	419	rVV5	901	1644	0.21%	0.047%
13	6.202	423	424	428	rBV2	834	655	0.08%	0.019%
14	6.265	433	436	439	rVB3	470	417	0.05%	0.012%
15	6.291	439	441	445	rBV2	516	441	0.06%	0.013%
16	6.333	445	449	452	rBV4	528	904	0.11%	0.026%
17	6.396	459	461	465	rVB2	1011	951	0.12%	0.027%
18	6.491	473	479	485	rBV5	684	1763	0.22%	0.050%
19	6.574	494	495	499	rVB2	571	551	0.07%	0.016%
20	6.616	500	503	505	rVB2	646	648	0.08%	0.018%
21	6.648	506	509	514	rVB2	842	787	0.10%	0.022%
22	6.679	514	515	519	rBV4	756	676	0.09%	0.019%
23	6.716	519	522	524	rBV3	485	394	0.05%	0.011%
24	6.748	526	528	531	rBV2	394	418	0.05%	0.012%
25	6.795	536	537	543	rVB5	484	554	0.07%	0.016%
26	6.879	546	553	563	rBV6	1872	5075	0.64%	0.145%
27	6.973	569	571	574	rBV3	789	817	0.10%	0.023%
28	7.062	585	588	591	rBV3	486	413	0.05%	0.012%
29	7.288	627	631	633	rBV4	550	605	0.08%	0.017%
30	7.398	648	652	653	rVB2	558	565	0.07%	0.016%
31	7.419	653	656	658	rBV2	523	631	0.08%	0.018%
32	7.555	670	682	702	rBV	25703	97411	12.27%	2.776%
33	7.786	724	726	728	rVB2	682	480	0.06%	0.014%
34	7.817	729	732	733	rVB	523	387	0.05%	0.011%
35	8.027	769	772	776	rBV3	493	634	0.08%	0.018%
36	8.147	792	795	796	rVB	598	442	0.06%	0.013%
37	8.168	796	799	803	rBV4	591	836	0.11%	0.024%
38	8.258	815	816	819	rVB3	679	383	0.05%	0.011%

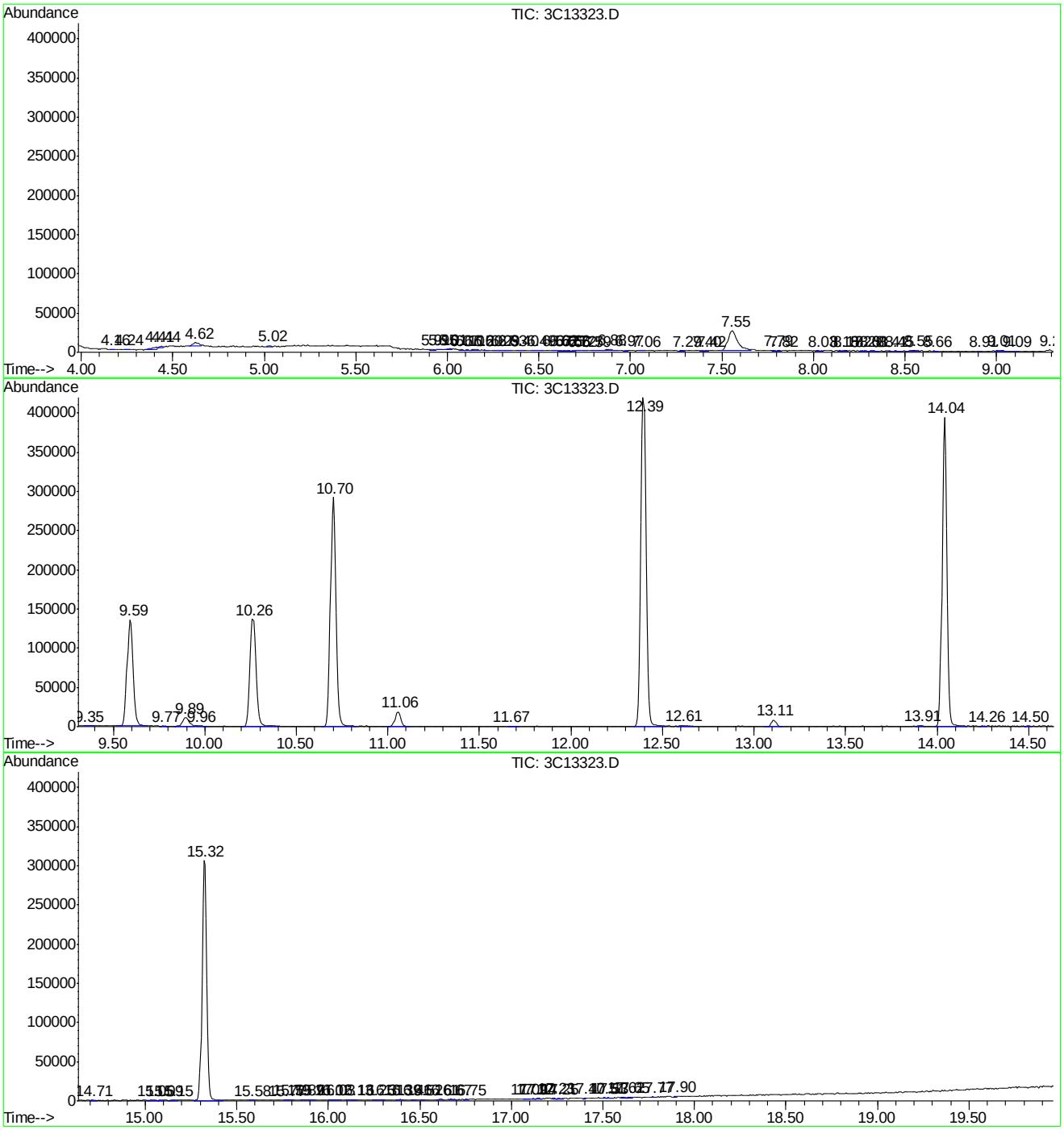
39	8.284	819	821	824	rVV2	413	481	0.06%	0.014%
40	8.310	825	826	835	rVB4	447	943	0.12%	0.027%
41	8.415	845	846	848	rBV2	764	408	0.05%	0.012%
42	8.446	851	852	859	rVB4	694	748	0.09%	0.021%
43	8.551	864	872	877	rVV3	1454	2826	0.36%	0.081%
44	8.656	891	892	896	rVB2	580	510	0.06%	0.015%
45	8.908	938	940	942	rBV2	389	422	0.05%	0.012%
46	9.007	955	959	970	rVV4	1391	3478	0.44%	0.099%
47	9.091	974	975	978	rVB3	727	389	0.05%	0.011%
48	9.290	1005	1013	1021	rVV3	2181	5161	0.65%	0.147%
49	9.348	1023	1024	1034	rVB3	364	669	0.08%	0.019%
50	9.589	1056	1070	1088	rBV	135738	307317	38.72%	8.757%
51	9.768	1101	1104	1110	rVB3	314	430	0.05%	0.012%
52	9.893	1117	1128	1138	rBV2	10806	27648	3.48%	0.788%
53	9.961	1139	1141	1151	rVB3	676	1226	0.15%	0.035%
54	10.260	1187	1198	1225	rBV	136489	304577	38.38%	8.679%
55	10.701	1270	1282	1305	rBV	292218	595451	75.03%	16.967%
56	11.057	1338	1350	1361	rBV2	18644	38620	4.87%	1.100%
57	11.665	1464	1466	1475	rVB2	206	408	0.05%	0.012%
58	12.394	1595	1605	1628	rBV	419307	793654	100.00%	22.615%
59	12.609	1640	1646	1657	rVB3	1107	2645	0.33%	0.075%
60	13.107	1732	1741	1750	rBV2	7824	14727	1.86%	0.420%
61	13.910	1889	1894	1899	rVB3	943	1383	0.17%	0.039%
62	14.041	1909	1919	1942	rBV	393995	706539	89.02%	20.133%
63	14.261	1956	1961	1963	rVB3	354	423	0.05%	0.012%
64	14.497	2002	2006	2009	rVB3	297	415	0.05%	0.012%
65	14.712	2045	2047	2051	rVB2	452	480	0.06%	0.014%
66	15.047	2104	2111	2115	rVB3	317	587	0.07%	0.017%
67	15.094	2115	2120	2122	rBV2	509	699	0.09%	0.020%
68	15.152	2127	2131	2136	rBV3	273	380	0.05%	0.011%
69	15.320	2153	2163	2183	rBV	305831	529518	66.72%	15.088%
70	15.577	2210	2212	2215	rBV	468	383	0.05%	0.011%
71	15.766	2246	2248	2251	rBV2	348	449	0.06%	0.013%
72	15.787	2251	2252	2256	rVB	427	393	0.05%	0.011%
73	15.865	2264	2267	2270	rBV	461	412	0.05%	0.012%
74	15.912	2272	2276	2278	rVB	494	415	0.05%	0.012%
75	16.017	2292	2296	2298	rBV4	330	442	0.06%	0.013%
76	16.033	2298	2299	2306	rVB3	380	556	0.07%	0.016%
77	16.133	2311	2318	2323	rBV3	709	1196	0.15%	0.034%
78	16.253	2339	2341	2348	rVV4	527	779	0.10%	0.022%
79	16.306	2348	2351	2352	rVB	540	443	0.06%	0.013%
80	16.395	2363	2368	2371	rBV4	814	1080	0.14%	0.031%
81	16.458	2379	2380	2385	rVB4	587	639	0.08%	0.018%
82	16.515	2389	2391	2393	rBV2	662	619	0.08%	0.018%
83	16.610	2405	2409	2413	rBV2	702	1372	0.17%	0.039%
84	16.673	2419	2421	2426	rBV3	647	794	0.10%	0.023%
85	16.751	2434	2436	2438	rBV3	783	653	0.08%	0.019%
86	17.087	2496	2500	2502	rBV4	531	577	0.07%	0.016%
87	17.118	2505	2506	2508	rBV2	784	420	0.05%	0.012%
88	17.139	2508	2510	2515	rBV4	832	1095	0.14%	0.031%
89	17.234	2526	2528	2531	rVB4	696	512	0.06%	0.015%
90	17.255	2531	2532	2537	rBV5	526	492	0.06%	0.014%
91	17.396	2558	2559	2561	rBV2	688	566	0.07%	0.016%
92	17.511	2579	2581	2583	rBV3	837	621	0.08%	0.018%
93	17.527	2583	2584	2589	rVV4	690	696	0.09%	0.020%
94	17.616	2598	2601	2603	rVB3	732	574	0.07%	0.016%
95	17.648	2603	2607	2610	rBV6	747	915	0.12%	0.026%

96	17.774	2630	2631	2634	rBV3	883	597	0.08%	0.017%
97	17.899	2652	2655	2656	rBV3	1029	1035	0.13%	0.029%

Sum of corrected areas: 3509416

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13323.D
Operator : PINGM
Acquired : 6 May 2006 12:14 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-15
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 32
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 12:14 am
Data File: C:\MSDCHEM\1\DATA\3C13323.D
Name: J29228-15
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13324.D Vial: 33
Acq On : 6 May 2006 12:44 am Operator: PINGM
Sample : J29228-16 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 01:07:39 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

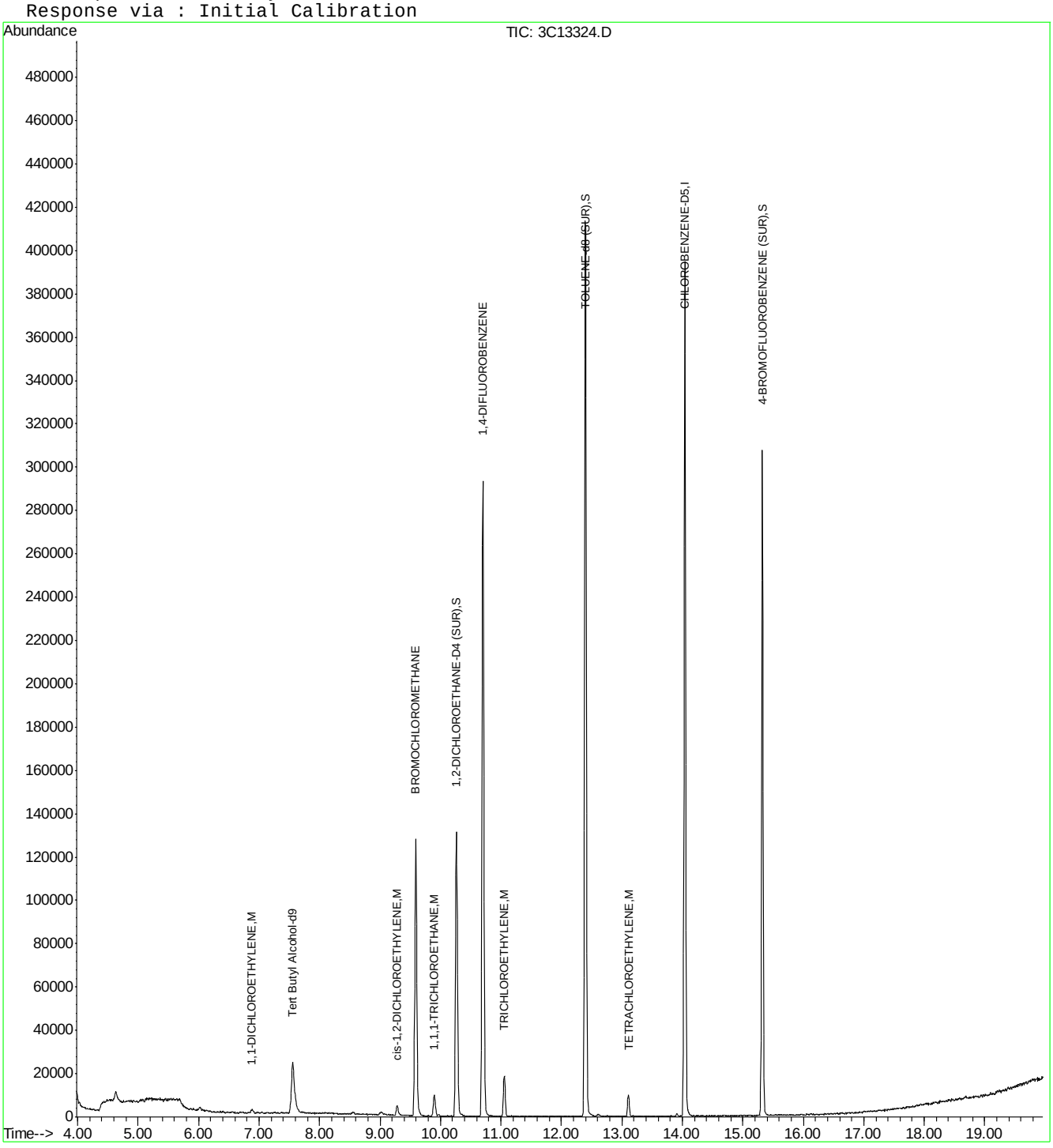
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	42800	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	35463	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	228166	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	207277	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	120963	36.54	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 121.80%						
52) TOLUENE-d8 (SUR)	12.40	98	284106	30.18	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.60%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	114164	29.19	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.30%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	1440	0.65	PPb	72
29) cis-1,2-DICHLOROETHYLENE	9.29	96	2554	0.80	PPb	97
33) 1,1,1-TRICHLOROETHANE	9.90	97	8550	1.75	PPb	97
42) TRICHLOROETHYLENE	11.06	95	7851	2.77	PPb	91
55) TETRACHLOROETHYLENE	13.11	164	2183	1.11	PPb	92

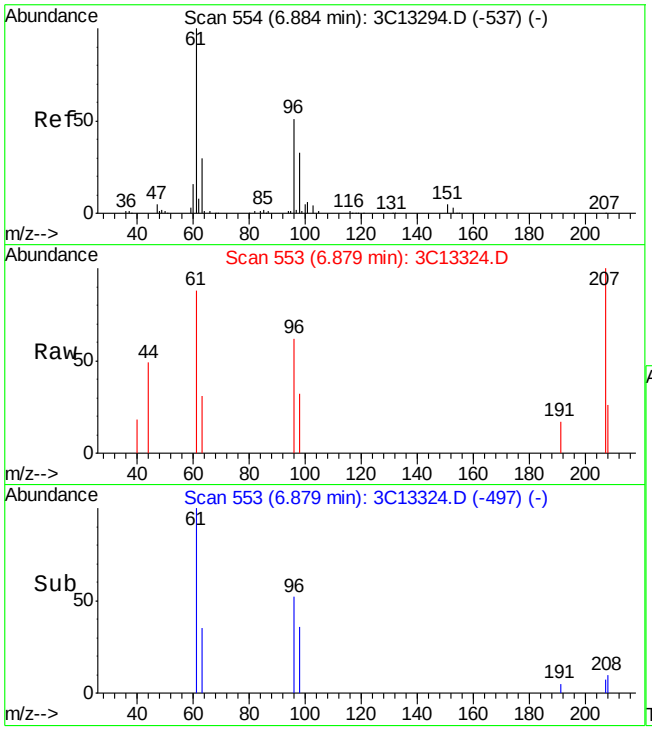
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13324.D Vial: 33
Acq On : 6 May 2006 12:44 am Operator: PINGM
Sample : J29228-16 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:53 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

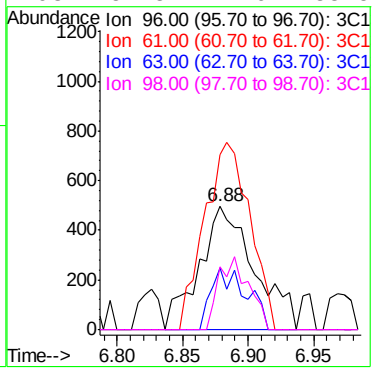


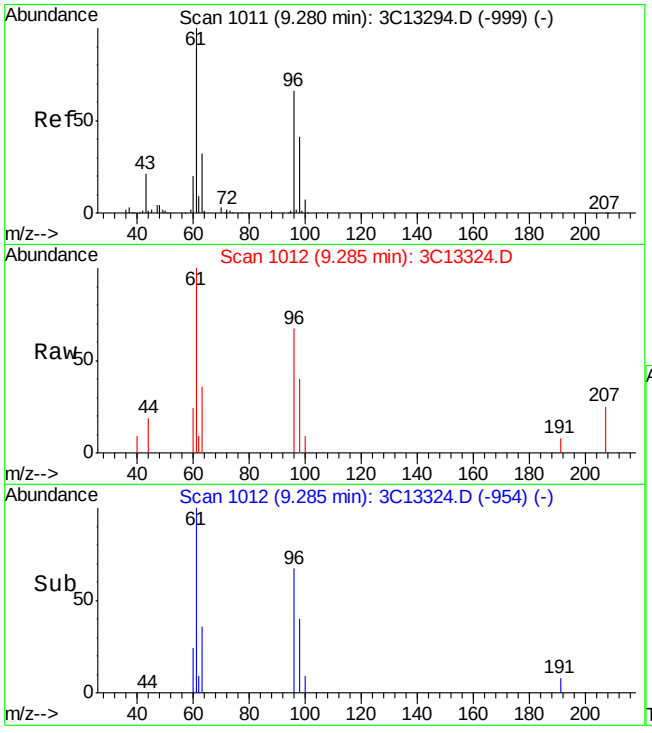


#14
1,1-DICHLOROETHYLENE
Concen: 0.65 PPb
RT: 6.88 min Scan# 553
Delta R.T. -0.01 min
Lab File: 3C13324.D
Acq: 6 May 2006 12:44 am

Tgt Ion: 96 Resp: 1440

Ion	Ratio	Lower	Upper
96	100		
61	141.9	137.9	256.1
63	50.1	42.1	78.1
98	51.3	44.9	83.5

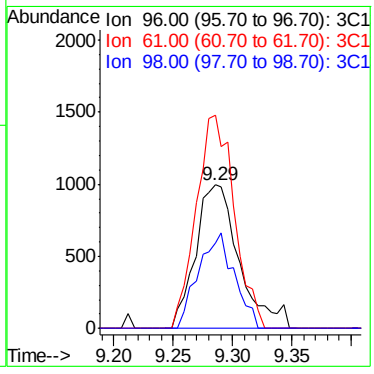


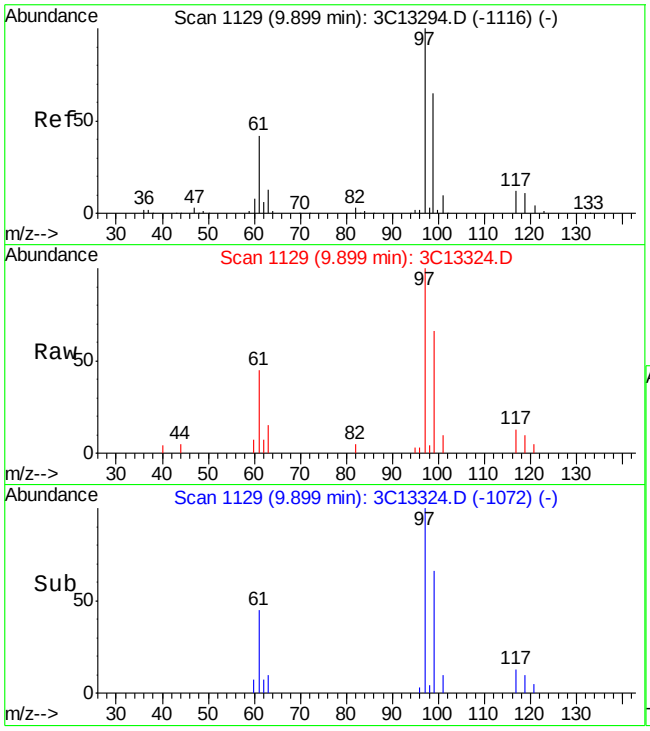


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.80 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13324.D
Acq: 6 May 2006 12:44 am

Tgt Ion: 96 Resp: 2554

Ion	Ratio	Lower	Upper
96	100		
61	148.4	121.3	181.3
98	59.3	32.7	92.7

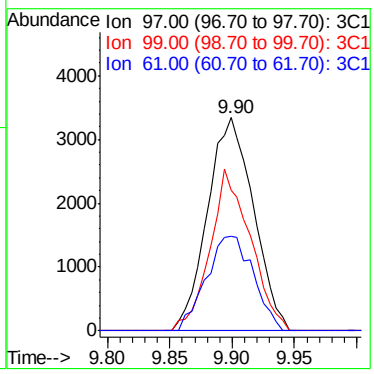


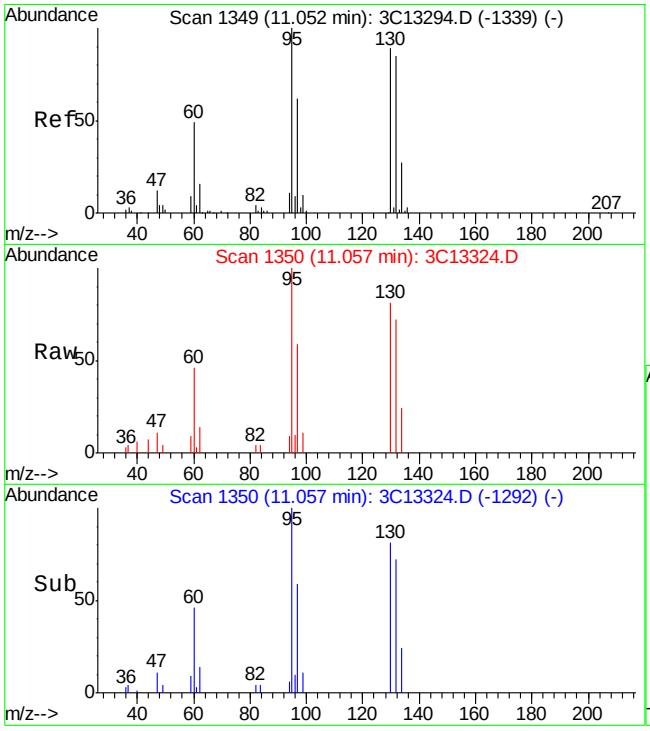


#33
1,1,1-TRICHLOROETHANE
Concen: 1.75 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13324.D
Acq: 6 May 2006 12:44 am

Tgt Ion: 97 Resp: 8550

Ion	Ratio	Lower	Upper
97	100		
99	65.9	34.7	94.7
61	44.5	11.7	71.7

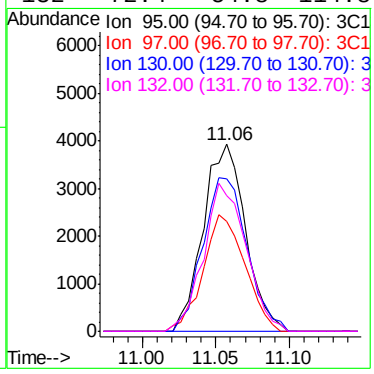


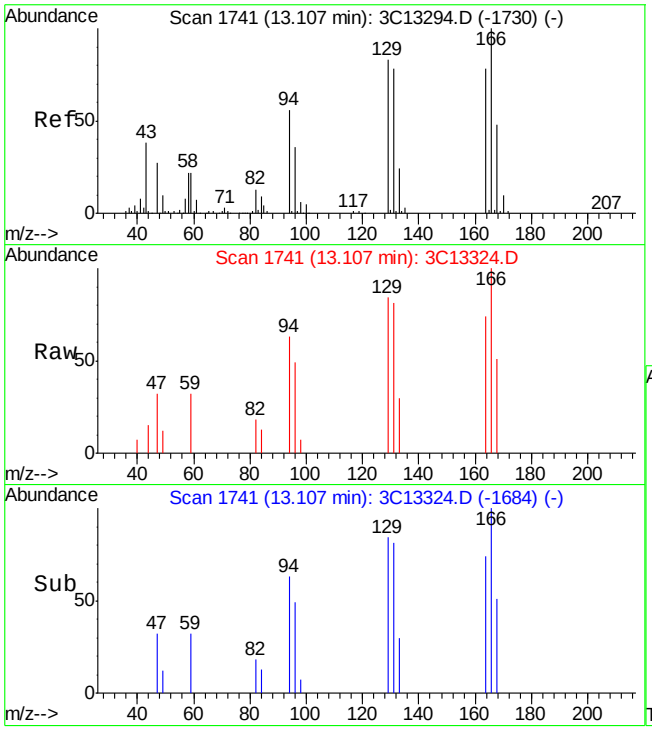


#42
TRICHLOROETHYLENE
Concen: 2.77 PPb
RT: 11.06 min Scan# 1350
Delta R.T. 0.01 min
Lab File: 3C13324.D
Acq: 6 May 2006 12:44 am

Tgt Ion: 95 Resp: 7851

Ion	Ratio	Lower	Upper
95	100		
97	58.6	32.3	92.3
130	81.4	59.3	119.3
132	72.4	54.8	114.8

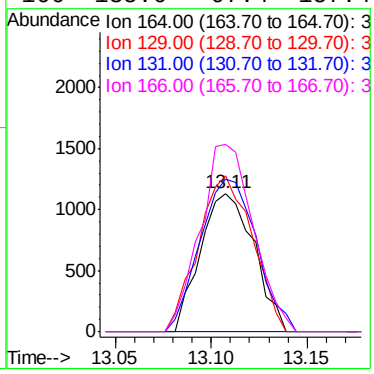




#55
TETRACHLOROETHYLENE
Concen: 1.11 PPb
RT: 13.11 min Scan# 1741
Delta R.T. 0.00 min
Lab File: 3C13324.D
Acq: 6 May 2006 12:44 am

Tgt Ion:164 Resp: 2183

Ion	Ratio	Lower	Upper
164	100		
129	113.3	75.4	135.4
131	110.3	69.3	129.3
166	135.6	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13324.D Vial: 33
Acq On : 6 May 2006 12:44 am Operator: PINGM
Sample : J29228-16 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.210	41	44	49	rVB5	947	1013	0.13%	0.029%
2	4.310	62	63	70	rBV4	695	1337	0.17%	0.038%
3	4.436	70	87	90	rBV7	4317	16867	2.14%	0.479%
4	4.635	116	125	138	rVB5	4863	15658	1.99%	0.445%
5	4.761	147	149	151	rBV2	1128	652	0.08%	0.019%
6	4.876	169	171	177	rVB7	1298	1639	0.21%	0.047%
7	4.928	179	181	184	rVB4	985	986	0.13%	0.028%
8	5.049	196	204	207	rBV7	1330	2772	0.35%	0.079%
9	5.086	208	211	212	rVB3	1286	1071	0.14%	0.030%
10	5.122	215	218	221	rBV5	1684	1810	0.23%	0.051%
11	5.143	221	222	228	rVV5	1068	1295	0.16%	0.037%
12	5.426	274	276	278	rBV3	1113	1113	0.14%	0.032%
13	5.484	285	287	289	rVB2	1162	746	0.09%	0.021%
14	5.510	289	292	294	rBV5	911	991	0.13%	0.028%
15	5.799	345	347	350	rVB3	787	592	0.08%	0.017%
16	5.867	357	360	365	rBV5	781	888	0.11%	0.025%
17	6.019	382	389	395	rVV7	1565	3464	0.44%	0.098%
18	6.181	417	420	422	rBV3	753	650	0.08%	0.018%
19	6.470	469	475	477	rBV2	716	889	0.11%	0.025%
20	6.732	522	525	529	rVB2	607	791	0.10%	0.022%
21	6.826	538	543	547	rBV4	616	1230	0.16%	0.035%
22	6.889	547	555	564	rVB5	2094	4933	0.63%	0.140%
23	6.968	568	570	572	rBV	826	794	0.10%	0.023%
24	7.047	580	585	592	rVB3	803	1518	0.19%	0.043%
25	7.246	618	623	626	rBV4	558	908	0.12%	0.026%
26	7.351	642	643	647	rBV3	497	635	0.08%	0.018%
27	7.555	669	682	707	rVV2	23759	92023	11.69%	2.613%
28	7.697	708	709	714	rVV3	916	1274	0.16%	0.036%
29	7.733	714	716	718	rVV3	738	637	0.08%	0.018%
30	7.833	732	735	741	rVV4	554	865	0.11%	0.025%
31	7.885	741	745	748	rVV2	624	686	0.09%	0.019%
32	8.058	774	778	781	rBV2	556	826	0.10%	0.023%
33	8.153	792	796	801	rBV3	702	947	0.12%	0.027%
34	8.551	863	872	883	rVB4	1230	3895	0.49%	0.111%
35	8.630	883	887	889	rBV	543	618	0.08%	0.018%
36	8.850	926	929	935	rVB3	502	685	0.09%	0.019%
37	9.018	950	961	969	rBV4	1573	5579	0.71%	0.158%
38	9.070	969	971	975	rVV4	804	1081	0.14%	0.031%

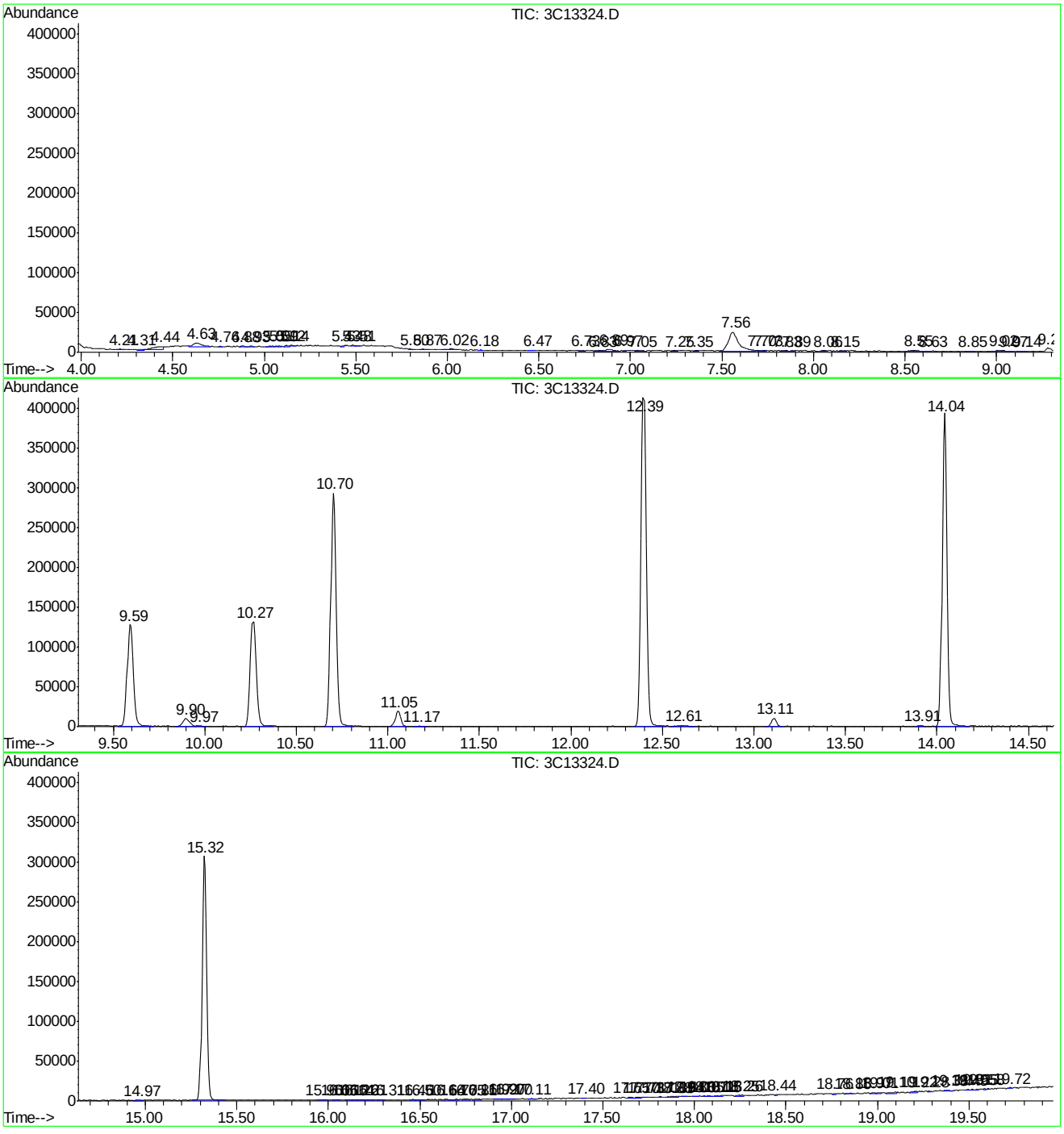
39	9.144	980	985	989	rVV2	518	762	0.10%	0.022%
40	9.280	1002	1011	1026	rBV3	4509	10986	1.40%	0.312%
41	9.589	1058	1070	1095	rVB	127983	294572	37.43%	8.363%
42	9.899	1118	1129	1138	rVV2	9751	24396	3.10%	0.693%
43	9.972	1138	1143	1149	rVB2	722	1282	0.16%	0.036%
44	10.266	1189	1199	1220	rBV	131261	292761	37.20%	8.311%
45	10.701	1273	1282	1303	rBV	293414	592292	75.26%	16.815%
46	11.052	1342	1349	1359	rVB2	18645	38722	4.92%	1.099%
47	11.173	1366	1372	1379	rBV2	342	641	0.08%	0.018%
48	12.394	1596	1605	1628	rBV	413629	787023	100.00%	22.343%
49	12.609	1634	1646	1658	rVB2	823	2958	0.38%	0.084%
50	13.107	1733	1741	1750	rVB2	9813	19132	2.43%	0.543%
51	13.910	1889	1894	1899	rVV3	1068	1635	0.21%	0.046%
52	14.041	1909	1919	1945	rVV	394699	704268	89.49%	19.994%
53	14.974	2090	2097	2099	rVB2	387	577	0.07%	0.016%
54	15.320	2151	2163	2184	rVV	307300	524391	66.63%	14.887%
55	15.965	2281	2286	2292	rVB3	530	1240	0.16%	0.035%
56	16.049	2297	2302	2305	rBV2	618	679	0.09%	0.019%
57	16.117	2310	2315	2316	rBV3	691	707	0.09%	0.020%
58	16.138	2317	2319	2323	rVB3	543	605	0.08%	0.017%
59	16.164	2323	2324	2329	rVB3	675	582	0.07%	0.017%
60	16.211	2329	2333	2340	rBV5	414	1013	0.13%	0.029%
61	16.306	2343	2351	2352	rBV	440	899	0.11%	0.026%
62	16.463	2377	2381	2383	rVB4	693	728	0.09%	0.021%
63	16.505	2383	2389	2393	rBV3	643	1380	0.18%	0.039%
64	16.636	2413	2414	2423	rVB5	786	1302	0.17%	0.037%
65	16.704	2423	2427	2428	rBV3	787	799	0.10%	0.023%
66	16.746	2432	2435	2440	rBV5	551	1066	0.14%	0.030%
67	16.809	2443	2447	2452	rVB4	665	1053	0.13%	0.030%
68	16.924	2465	2469	2473	rBV6	829	1074	0.14%	0.030%
69	16.966	2473	2477	2479	rVB4	560	665	0.08%	0.019%
70	17.003	2479	2484	2487	rBV6	914	1662	0.21%	0.047%
71	17.108	2501	2504	2509	rVB7	716	767	0.10%	0.022%
72	17.396	2556	2559	2561	rBV3	882	651	0.08%	0.018%
73	17.648	2604	2607	2611	rVB5	939	1116	0.14%	0.032%
74	17.700	2612	2617	2619	rVV4	970	1106	0.14%	0.031%
75	17.727	2620	2622	2626	rVV5	673	735	0.09%	0.021%
76	17.811	2636	2638	2640	rVV3	821	712	0.09%	0.020%
77	17.879	2645	2651	2653	rBV6	841	1138	0.14%	0.032%
78	17.894	2653	2654	2658	rBV4	515	640	0.08%	0.018%
79	17.942	2661	2663	2666	rVB3	771	669	0.09%	0.019%
80	18.010	2672	2676	2679	rBV4	934	1592	0.20%	0.045%
81	18.052	2682	2684	2687	rVB4	1290	949	0.12%	0.027%
82	18.073	2687	2688	2693	rBV4	996	1371	0.17%	0.039%
83	18.115	2695	2696	2700	rBV3	971	922	0.12%	0.026%
84	18.146	2700	2702	2704	rBV3	854	761	0.10%	0.022%
85	18.246	2716	2721	2722	rVB5	1232	1109	0.14%	0.031%
86	18.261	2722	2724	2726	rBV3	1346	1035	0.13%	0.029%
87	18.445	2758	2759	2761	rBV2	1311	835	0.11%	0.024%
88	18.759	2818	2819	2822	rBV3	807	666	0.08%	0.019%
89	18.854	2831	2837	2839	rBV5	860	1153	0.15%	0.033%
90	18.969	2857	2859	2863	rBV4	1128	1374	0.17%	0.039%
91	19.006	2863	2866	2869	rBV5	1093	1140	0.14%	0.032%
92	19.095	2874	2883	2885	rBV8	1737	3022	0.38%	0.086%
93	19.216	2898	2906	2907	rBV7	1419	2534	0.32%	0.072%
94	19.279	2917	2918	2920	rBV2	1334	993	0.13%	0.028%
95	19.383	2934	2938	2943	rBV8	2127	3637	0.46%	0.103%

96	19.494	2957	2959	2961	rBV3	1196	988	0.13%	0.028%
97	19.514	2962	2963	2965	rVV2	1263	800	0.10%	0.023%
98	19.546	2967	2969	2970	rVB	1429	834	0.11%	0.024%
99	19.583	2975	2976	2981	rVV4	1469	1771	0.23%	0.050%
100	19.724	3000	3003	3005	rBV3	1266	1168	0.15%	0.033%

Sum of corrected areas: 3522398

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13324.D
Operator : PINGM
Acquired : 6 May 2006 12:44 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-16
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 33
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 12:44 am
Data File: C:\MSDCHEM\1\DATA\3C13324.D
Name: J29228-16
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13325.D Vial: 34
Acq On : 6 May 2006 1:13 am Operator: PINGM
Sample : J29228-17 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 01:36:54 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	45075	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	34990	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	221304	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	201268	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	120021	36.75	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 122.50%			
52) TOLUENE-d8 (SUR)	12.40	98	276910	30.32	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 101.07%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	110459	29.09	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 96.97%			

Target Compounds

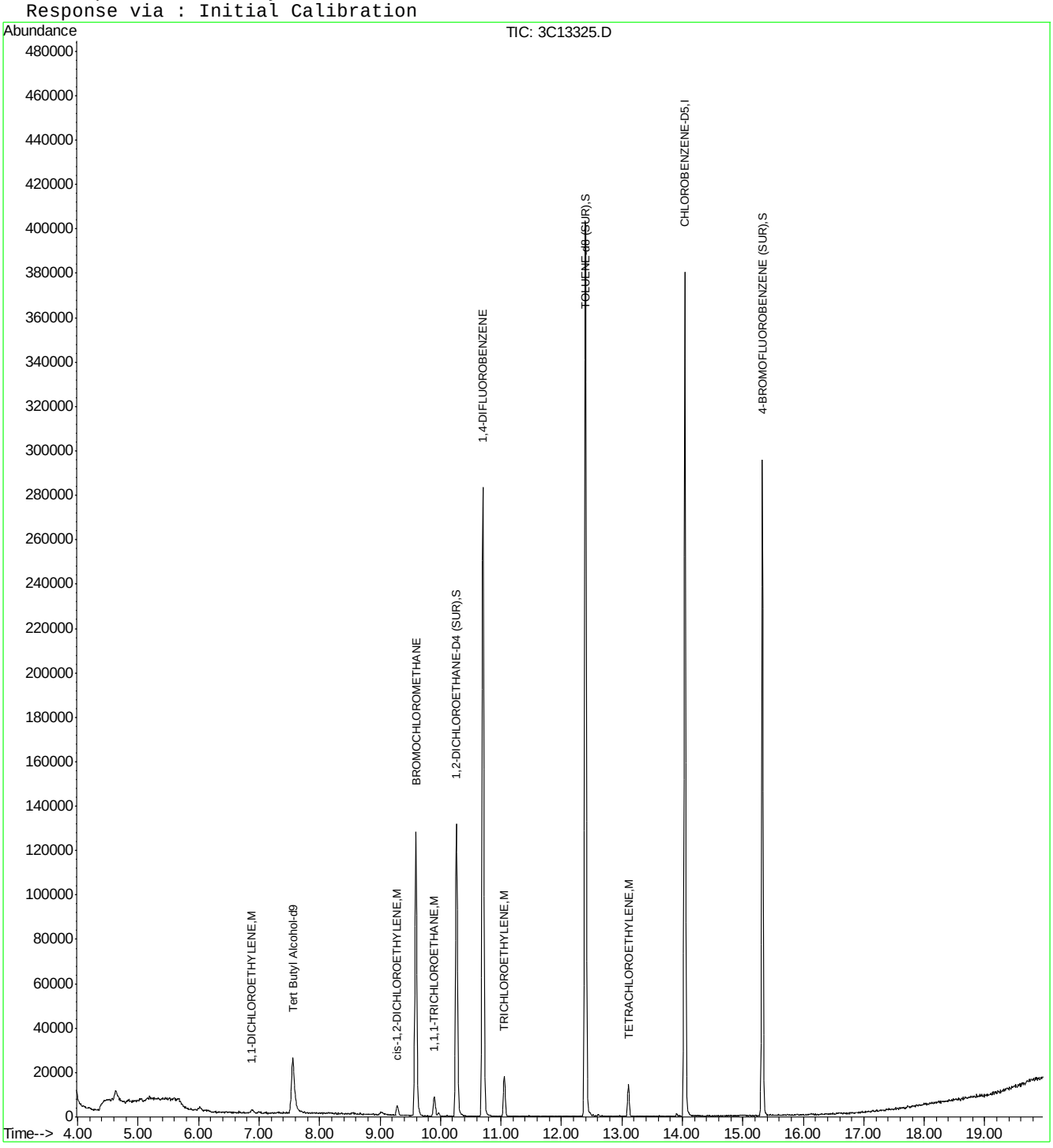
						Qvalue
14) 1,1-DICHLOROETHYLENE	6.87	96	1404	0.64	PPb	# 57
29) cis-1,2-DICHLOROETHYLENE	9.29	96	2391	0.75	PPb	99
33) 1,1,1-TRICHLOROETHANE	9.90	97	7712	1.60	PPb	90
42) TRICHLOROETHYLENE	11.06	95	7208	2.63	PPb	96
55) TETRACHLOROETHYLENE	13.11	164	3261	1.71	PPb	89

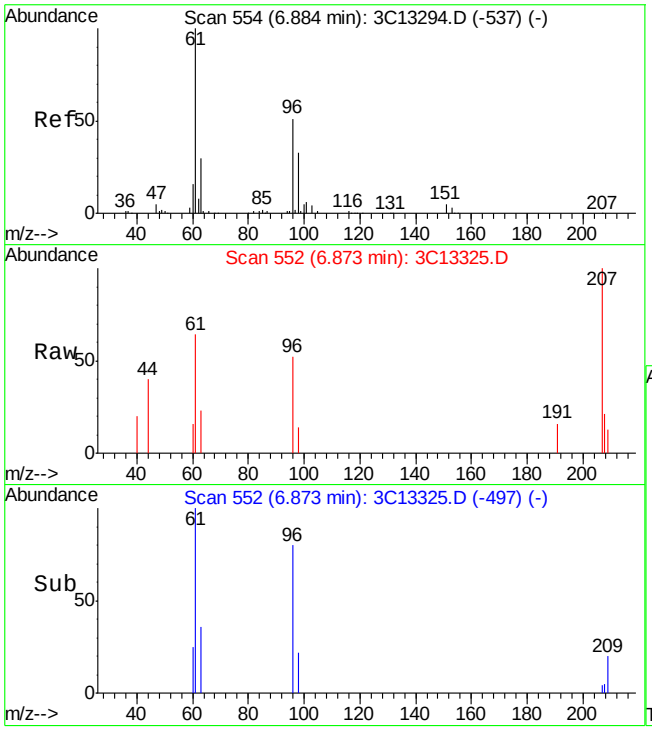
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13325.D Vial: 34
Acq On : 6 May 2006 1:13 am Operator: PINGM
Sample : J29228-17 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:54 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

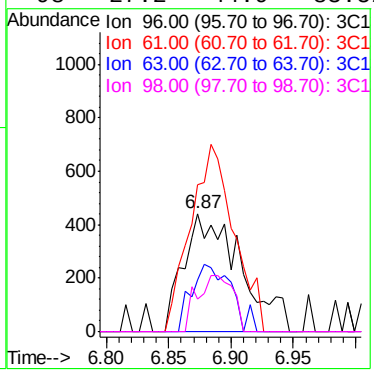


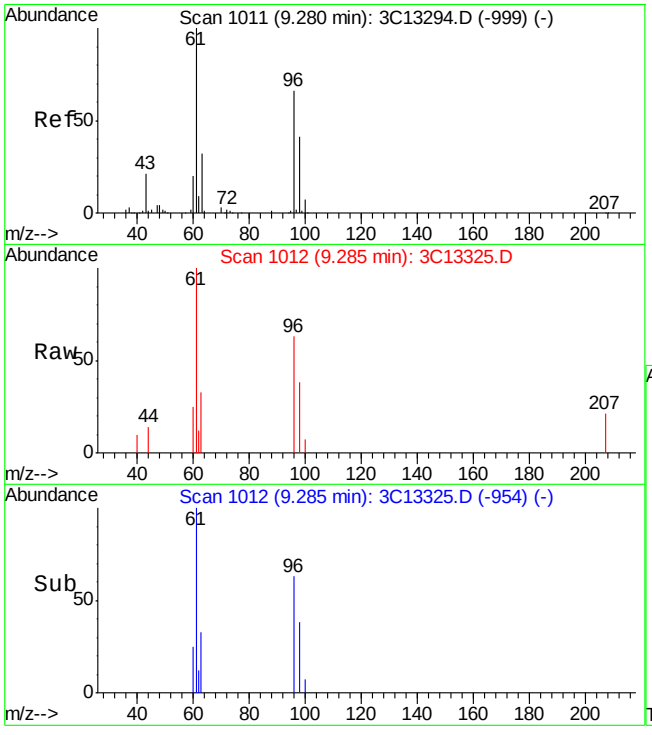


#14
1,1-DICHLOROETHYLENE
Concen: 0.64 PPb
RT: 6.87 min Scan# 552
Delta R.T. -0.01 min
Lab File: 3C13325.D
Acq: 6 May 2006 1:13 am

Tgt Ion: 96 Resp: 1404

Ion	Ratio	Lower	Upper
96	100		
61	124.3	137.9	256.1#
63	44.2	42.1	78.1
98	27.2	44.9	83.5#

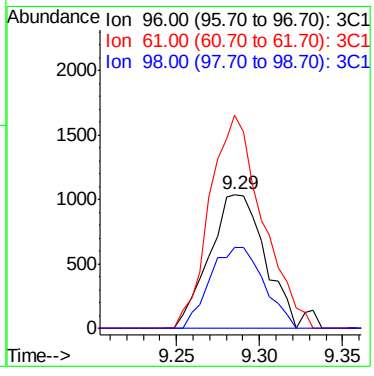


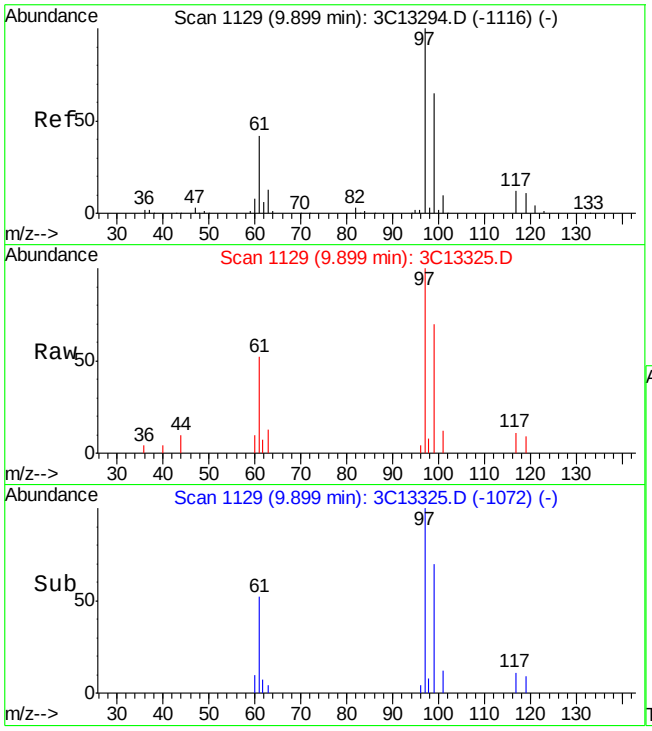


#29
cis-1,2-DICHLOROETHYLENE
Concen: 0.75 PPb
RT: 9.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 3C13325.D
Acq: 6 May 2006 1:13 am

Tgt Ion: 96 Resp: 2391

Ion	Ratio	Lower	Upper
96	100		
61	151.8	121.3	181.3
98	60.9	32.7	92.7

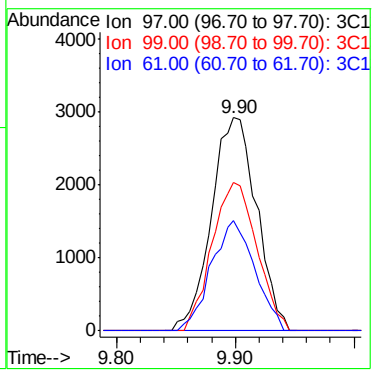


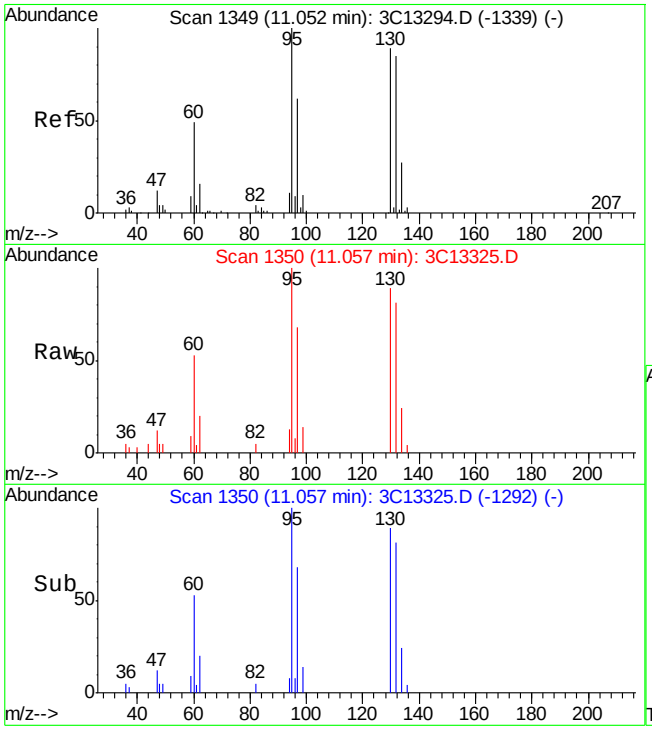


#33
1,1,1-TRICHLOROETHANE
Concen: 1.60 PPb
RT: 9.90 min Scan# 1129
Delta R.T. -0.00 min
Lab File: 3C13325.D
Acq: 6 May 2006 1:13 am

Tgt Ion: 97 Resp: 7712

Ion	Ratio	Lower	Upper
97	100		
99	69.8	34.7	94.7
61	51.5	11.7	71.7

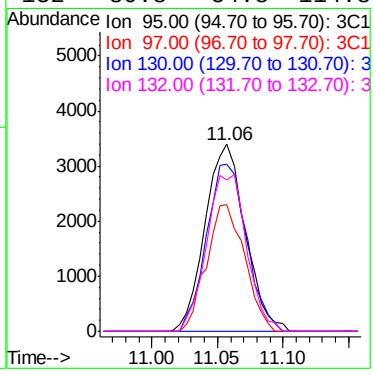


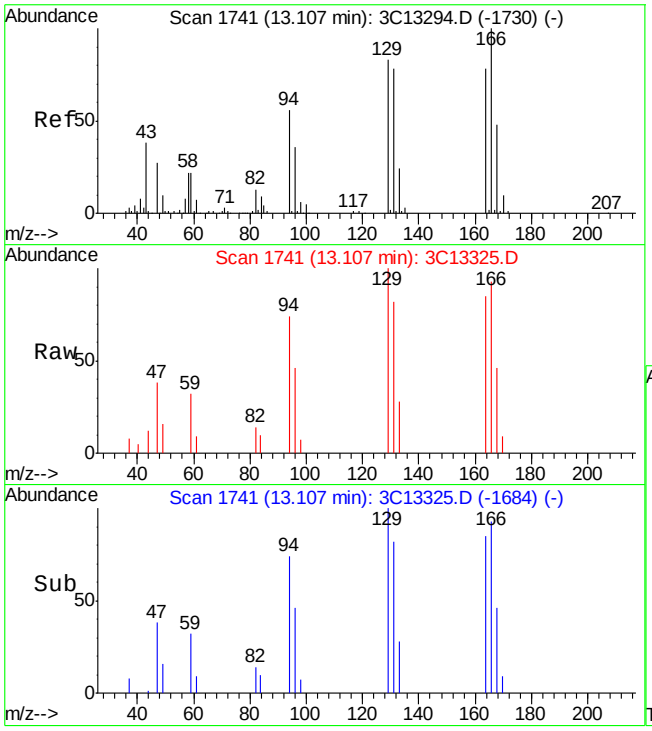


#42
TRICHLOROETHYLENE
Concen: 2.63 PPb
RT: 11.06 min Scan# 1350
Delta R.T. 0.01 min
Lab File: 3C13325.D
Acq: 6 May 2006 1:13 am

Tgt Ion: 95 Resp: 7208

Ion	Ratio	Lower	Upper
95	100		
97	68.0	32.3	92.3
130	89.5	59.3	119.3
132	80.8	54.8	114.8

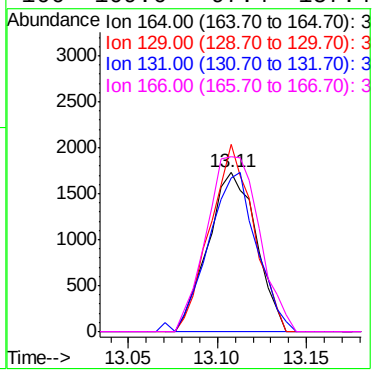




#55
TETRACHLOROETHYLENE
Concen: 1.71 PPb
RT: 13.11 min Scan# 1741
Delta R.T. -0.00 min
Lab File: 3C13325.D
Acq: 6 May 2006 1:13 am

Tgt Ion:164 Resp: 3261

Ion	Ratio	Lower	Upper
164	100		
129	117.4	75.4	135.4
131	93.4	69.3	129.3
166	109.6	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13325.D Vial: 34
Acq On : 6 May 2006 1:13 am Operator: PINGM
Sample : J29228-17 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.446	71	89	91	rBV6	4735	19711	2.57%	0.574%
2	4.635	118	125	146	rVB8	4961	17624	2.30%	0.513%
3	5.023	197	199	200	rBV2	1100	646	0.08%	0.019%
4	5.190	228	231	234	rVB5	1564	1506	0.20%	0.044%
5	5.783	342	344	350	rVB4	1292	1513	0.20%	0.044%
6	6.014	381	388	401	rVB8	2393	8461	1.10%	0.246%
7	6.129	407	410	411	rVB3	865	766	0.10%	0.022%
8	6.160	411	416	422	rBV6	994	2032	0.27%	0.059%
9	6.255	431	434	436	rBV3	622	659	0.09%	0.019%
10	6.381	456	458	461	rBV4	641	633	0.08%	0.018%
11	6.454	470	472	477	rVB3	666	691	0.09%	0.020%
12	6.653	506	510	511	rBV2	567	582	0.08%	0.017%
13	6.669	511	513	516	rVV3	1002	877	0.11%	0.026%
14	6.727	520	524	525	rVB2	519	489	0.06%	0.014%
15	6.748	525	528	531	rBV3	822	680	0.09%	0.020%
16	6.889	546	555	565	rVB6	1720	5228	0.68%	0.152%
17	6.984	571	573	576	rBV3	468	635	0.08%	0.018%
18	7.125	599	600	603	rVB3	1026	679	0.09%	0.020%
19	7.162	603	607	610	rBV2	522	917	0.12%	0.027%
20	7.251	622	624	630	rBV5	668	939	0.12%	0.027%
21	7.319	631	637	638	rVB3	761	820	0.11%	0.024%
22	7.398	651	652	656	rBV3	646	621	0.08%	0.018%
23	7.450	659	662	663	rVB2	762	488	0.06%	0.014%
24	7.560	671	683	708	rBV	25056	95046	12.40%	2.767%
25	7.754	716	720	722	rVB4	776	976	0.13%	0.028%
26	7.822	732	733	738	rBV4	367	487	0.06%	0.014%
27	7.870	741	742	747	rVV3	536	578	0.08%	0.017%
28	7.912	748	750	754	rVB2	488	421	0.05%	0.012%
29	7.938	754	755	760	rVB2	489	662	0.09%	0.019%
30	8.022	769	771	777	rVB4	685	824	0.11%	0.024%
31	8.064	777	779	781	rBV2	545	486	0.06%	0.014%
32	8.148	792	795	798	rBV3	639	716	0.09%	0.021%
33	8.210	806	807	813	rVB4	583	617	0.08%	0.018%
34	8.252	813	815	817	rBV2	528	425	0.06%	0.012%
35	8.368	833	837	839	rVB3	704	744	0.10%	0.022%
36	8.383	839	840	844	rBV2	438	462	0.06%	0.013%
37	8.425	844	848	851	rBV2	559	700	0.09%	0.020%
38	8.473	855	857	861	rVB2	662	619	0.08%	0.018%

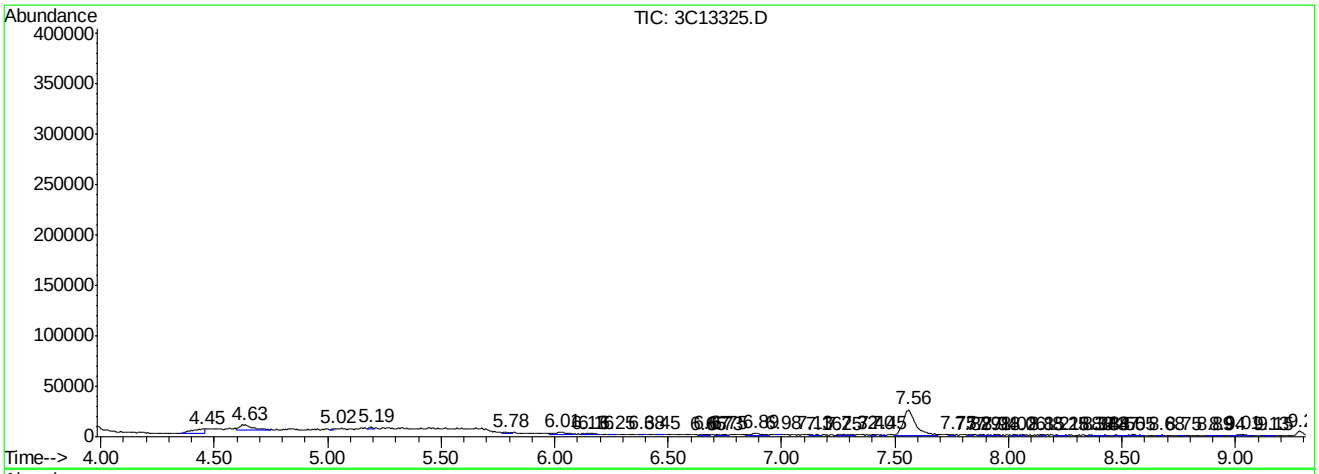
39	8.504	861	863	866	rBV3	518	549	0.07%	0.016%
40	8.546	866	871	880	rBV4	719	1597	0.21%	0.046%
41	8.677	891	896	898	rBV2	742	566	0.07%	0.016%
42	8.750	909	910	916	rVB3	357	416	0.05%	0.012%
43	8.887	933	936	940	rVB3	548	505	0.07%	0.015%
44	8.939	940	946	947	rBV3	459	410	0.05%	0.012%
45	9.013	952	960	971	rBV4	1286	4352	0.57%	0.127%
46	9.133	981	983	986	rVB2	484	410	0.05%	0.012%
47	9.154	986	987	991	rBV3	464	445	0.06%	0.013%
48	9.285	1005	1012	1024	rVB	4590	10297	1.34%	0.300%
49	9.595	1055	1071	1088	rBV	128113	293964	38.34%	8.559%
50	9.741	1095	1099	1102	rBV2	329	573	0.07%	0.017%
51	9.899	1119	1129	1138	rBV3	8820	22873	2.98%	0.666%
52	9.972	1138	1143	1151	rVB4	1818	3646	0.48%	0.106%
53	10.098	1162	1167	1173	rVB3	439	682	0.09%	0.020%
54	10.266	1188	1199	1224	rBV	131710	292272	38.12%	8.509%
55	10.701	1272	1282	1305	rBV	283074	575523	75.07%	16.756%
56	11.052	1337	1349	1359	rBV2	17862	37589	4.90%	1.094%
57	11.262	1383	1389	1393	rVB	280	543	0.07%	0.016%
58	12.394	1593	1605	1627	rBV	403612	766661	100.00%	22.321%
59	12.515	1627	1628	1634	rVB3	688	616	0.08%	0.018%
60	12.604	1640	1645	1656	rVB4	844	2448	0.32%	0.071%
61	12.672	1656	1658	1664	rBV2	401	652	0.09%	0.019%
62	13.107	1730	1741	1751	rBV2	14187	26246	3.42%	0.764%
63	13.904	1888	1893	1898	rBV	1078	1261	0.16%	0.037%
64	14.041	1908	1919	1941	rBV	380262	684746	89.32%	19.936%
65	14.198	1948	1949	1954	rBV2	401	418	0.05%	0.012%
66	14.256	1954	1960	1962	rBV3	255	436	0.06%	0.013%
67	14.413	1982	1990	1993	rBV	319	659	0.09%	0.019%
68	14.686	2034	2042	2044	rVB3	364	538	0.07%	0.016%
69	14.790	2059	2062	2066	rBV3	267	417	0.05%	0.012%
70	15.068	2112	2115	2120	rVB2	451	664	0.09%	0.019%
71	15.110	2120	2123	2130	rBV2	486	1032	0.13%	0.030%
72	15.320	2153	2163	2179	rBV	295582	509806	66.50%	14.843%
73	15.409	2179	2180	2184	rBV2	433	414	0.05%	0.012%
74	15.729	2238	2241	2245	rVB2	390	457	0.06%	0.013%
75	15.766	2245	2248	2251	rBV	426	476	0.06%	0.014%
76	15.902	2270	2274	2278	rVB3	401	709	0.09%	0.021%
77	15.944	2278	2282	2284	rBV2	406	498	0.06%	0.014%
78	15.991	2289	2291	2293	rBV2	424	411	0.05%	0.012%
79	16.080	2303	2308	2309	rBV2	451	503	0.07%	0.015%
80	16.127	2313	2317	2322	rVV3	581	1162	0.15%	0.034%
81	16.164	2322	2324	2327	rVB3	521	457	0.06%	0.013%
82	16.238	2334	2338	2342	rBV3	418	495	0.06%	0.014%
83	16.484	2384	2385	2388	rBV	712	466	0.06%	0.014%
84	16.547	2393	2397	2400	rBV4	448	491	0.06%	0.014%
85	16.662	2417	2419	2423	rBV2	554	663	0.09%	0.019%
86	16.709	2423	2428	2429	rVB3	847	820	0.11%	0.024%
87	16.757	2434	2437	2438	rVB3	592	518	0.07%	0.015%
88	16.772	2438	2440	2442	rBV2	809	790	0.10%	0.023%
89	16.919	2466	2468	2472	rVB3	720	712	0.09%	0.021%
90	16.972	2472	2478	2480	rBV3	1157	1577	0.21%	0.046%
91	17.124	2505	2507	2508	rBV2	826	464	0.06%	0.014%
92	17.207	2521	2523	2525	rBV3	740	528	0.07%	0.015%
93	17.265	2531	2534	2538	rBV3	712	791	0.10%	0.023%
94	17.365	2550	2553	2555	rBV4	822	864	0.11%	0.025%
95	17.475	2568	2574	2577	rBV7	682	1160	0.15%	0.034%

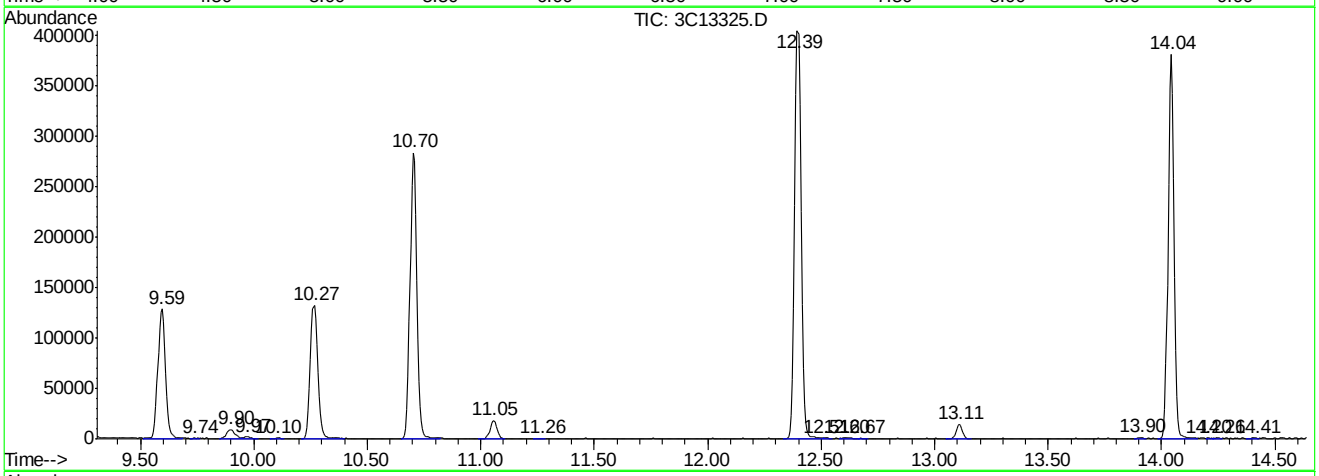
96	17.554	2586	2589	2594	rVB5	813	1148	0.15%	0.033%
97	17.590	2594	2596	2599	rBV4	929	887	0.12%	0.026%
98	17.695	2615	2616	2618	rBV2	755	492	0.06%	0.014%
99	17.779	2630	2632	2634	rBV3	601	454	0.06%	0.013%
100	17.863	2647	2648	2654	rBV5	1070	1563	0.20%	0.046%

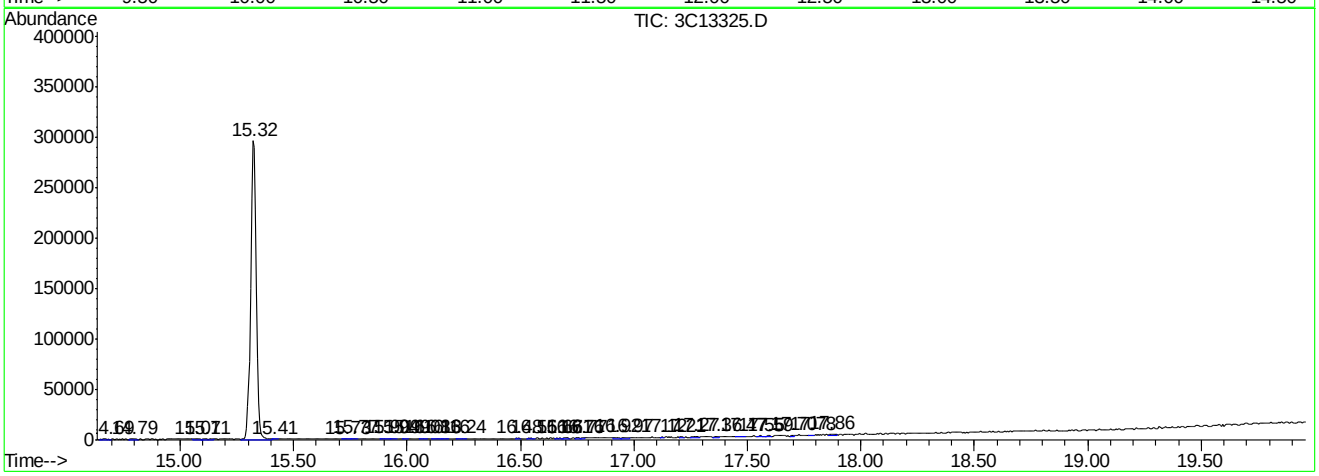
Sum of corrected areas: 3434742

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13325.D
Operator : PINGM
Acquired : 6 May 2006 1:13 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-17
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 34
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 1:13 am
Data File: C:\MSDCHEM\1\DATA\3C13325.D
Name: J29228-17
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13326.D Vial: 35
Acq On : 6 May 2006 1:42 am Operator: PINGM
Sample : J29228-18 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 02:05:41 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	43554	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	34456	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	216162	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	195523	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	119017	37.01	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 123.37%			
52) TOLUENE-d8 (SUR)	12.39	98	270929	30.37	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 101.23%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	108077	29.29	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 97.63%			

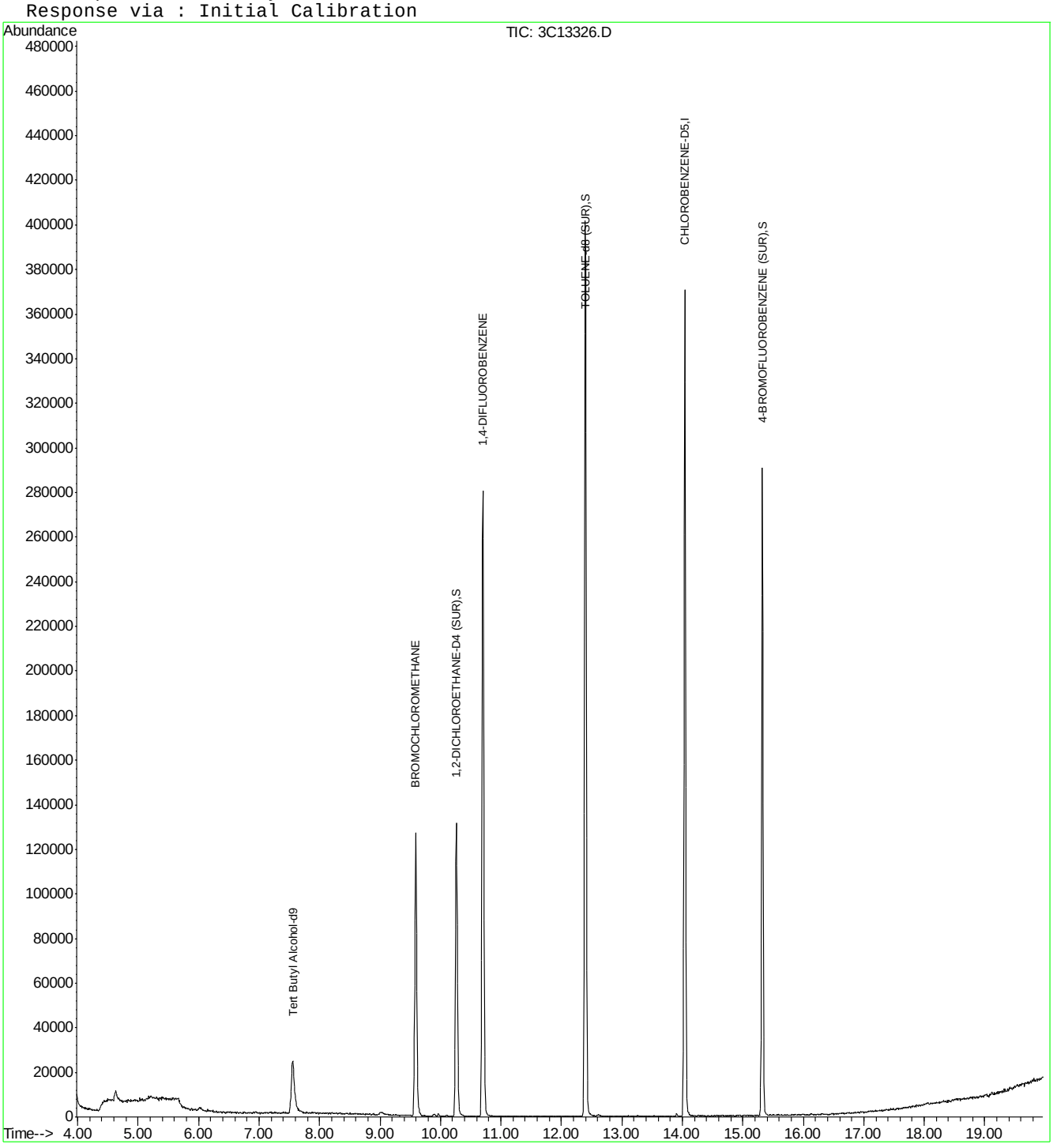
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13326.D Vial: 35
Acq On : 6 May 2006 1:42 am Operator: PINGM
Sample : J29228-18 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:54 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13326.D Vial: 35
Acq On : 6 May 2006 1:42 am Operator: PINGM
Sample : J29228-18 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

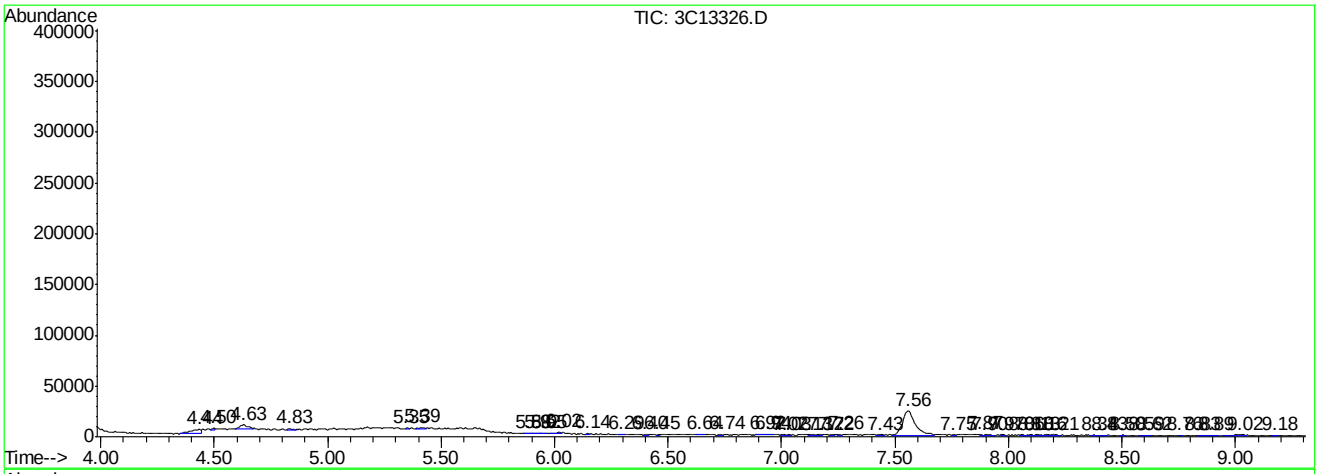
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.436	71	87	89	rBV8	4352	14444	1.92%	0.444%
2	4.498	96	99	100	rBV3	1505	1166	0.16%	0.036%
3	4.630	117	124	132	rBV6	4498	11542	1.54%	0.355%
4	4.834	160	163	168	rBV6	1389	2384	0.32%	0.073%
5	5.348	260	261	263	rBV2	1471	1149	0.15%	0.035%
6	5.395	269	270	277	rBV7	1398	2305	0.31%	0.071%
7	5.883	359	363	366	rVB4	985	1650	0.22%	0.051%
8	5.925	367	371	373	rVB3	406	512	0.07%	0.016%
9	5.951	373	376	379	rVB4	948	940	0.13%	0.029%
10	6.019	382	389	391	rBV5	1597	2694	0.36%	0.083%
11	6.145	411	413	415	rBV3	1208	796	0.11%	0.024%
12	6.292	439	441	444	rVB3	715	464	0.06%	0.014%
13	6.396	460	461	465	rBV3	774	938	0.12%	0.029%
14	6.454	471	472	474	rBV2	628	452	0.06%	0.014%
15	6.638	504	507	511	rVB3	662	656	0.09%	0.020%
16	6.737	522	526	527	rBV2	877	734	0.10%	0.023%
17	6.915	554	560	562	rVB5	538	617	0.08%	0.019%
18	6.942	563	565	569	rVB3	475	566	0.08%	0.017%
19	7.015	576	579	580	rVB3	602	476	0.06%	0.015%
20	7.031	580	582	584	rBV2	658	570	0.08%	0.018%
21	7.125	598	600	605	rVB3	569	725	0.10%	0.022%
22	7.172	605	609	611	rBV2	619	730	0.10%	0.022%
23	7.220	616	618	621	rBV2	596	510	0.07%	0.016%
24	7.261	623	626	627	rVB3	616	474	0.06%	0.015%
25	7.435	656	659	662	rBV3	666	612	0.08%	0.019%
26	7.560	669	683	705	rBV2	23590	94137	12.54%	2.896%
27	7.754	719	720	723	rBV	525	443	0.06%	0.014%
28	7.875	742	743	746	rVB3	815	459	0.06%	0.014%
29	7.896	746	747	755	rVB4	730	1196	0.16%	0.037%
30	7.969	760	761	764	rVB3	607	538	0.07%	0.017%
31	8.058	776	778	782	rVB4	380	450	0.06%	0.014%
32	8.095	782	785	788	rVV2	526	632	0.08%	0.019%
33	8.127	789	791	795	rVB4	606	746	0.10%	0.023%
34	8.158	795	797	802	rBV4	777	1137	0.15%	0.035%
35	8.210	802	807	810	rBV3	548	847	0.11%	0.026%
36	8.378	836	839	846	rBV3	506	780	0.10%	0.024%
37	8.425	846	848	850	rBV2	436	402	0.05%	0.012%
38	8.504	860	863	865	rVB2	749	596	0.08%	0.018%

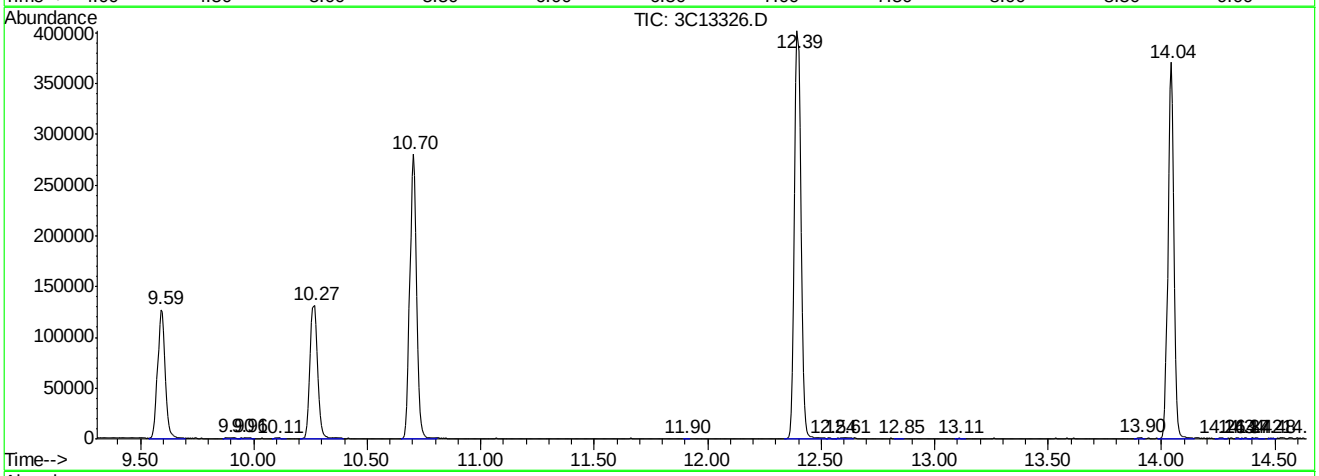
39	8.588	876	879	882	rVB4	416	562	0.07%	0.017%
40	8.619	882	885	887	rBV4	352	393	0.05%	0.012%
41	8.756	910	911	913	rBV2	628	396	0.05%	0.012%
42	8.834	925	926	932	rVB3	650	718	0.10%	0.022%
43	8.892	932	937	943	rBV3	812	1339	0.18%	0.041%
44	9.023	947	962	967	rBV3	1328	4871	0.65%	0.150%
45	9.175	988	991	993	rBV3	465	397	0.05%	0.012%
46	9.589	1060	1070	1090	rBB	126900	286955	38.21%	8.827%
47	9.899	1122	1129	1136	rVB3	943	2168	0.29%	0.067%
48	9.962	1136	1141	1149	rBV3	1176	1968	0.26%	0.061%
49	10.108	1164	1169	1175	rBV4	415	706	0.09%	0.022%
50	10.266	1187	1199	1223	rVB	131420	289687	38.58%	8.911%
51	10.701	1272	1282	1302	rBV	280485	563109	74.99%	17.321%
52	11.902	1509	1511	1514	rBV	295	383	0.05%	0.012%
53	12.394	1594	1605	1630	rBV	401741	750959	100.00%	23.099%
54	12.541	1630	1633	1638	rVB2	389	397	0.05%	0.012%
55	12.609	1638	1646	1652	rBV2	693	1655	0.22%	0.051%
56	12.845	1687	1691	1694	rBV2	346	576	0.08%	0.018%
57	13.107	1737	1741	1746	rVB2	317	387	0.05%	0.012%
58	13.904	1888	1893	1897	rBV	1074	1264	0.17%	0.039%
59	14.041	1908	1919	1938	rBV	370647	668715	89.05%	20.569%
60	14.256	1956	1960	1966	rVB2	298	451	0.06%	0.014%
61	14.340	1973	1976	1978	rVB3	366	384	0.05%	0.012%
62	14.366	1978	1981	1985	rBV2	360	449	0.06%	0.014%
63	14.418	1985	1991	1997	rVV3	434	627	0.08%	0.019%
64	14.481	2000	2003	2007	rBV3	297	424	0.06%	0.013%
65	14.623	2027	2030	2034	rBV3	385	447	0.06%	0.014%
66	14.659	2034	2037	2041	rVB2	413	565	0.08%	0.017%
67	14.943	2087	2091	2097	rVB3	279	446	0.06%	0.014%
68	15.005	2102	2103	2110	rBV2	488	836	0.11%	0.026%
69	15.194	2134	2139	2141	rBV3	296	388	0.05%	0.012%
70	15.320	2151	2163	2182	rBV	290613	498490	66.38%	15.333%
71	15.446	2185	2187	2194	rVB3	621	615	0.08%	0.019%
72	15.818	2255	2258	2261	rVB2	580	484	0.06%	0.015%
73	15.844	2261	2263	2268	rBV2	375	561	0.07%	0.017%
74	15.913	2273	2276	2279	rVB3	461	468	0.06%	0.014%
75	16.122	2309	2316	2317	rBV3	710	869	0.12%	0.027%
76	16.243	2334	2339	2342	rVB3	324	407	0.05%	0.013%
77	16.295	2347	2349	2354	rBV3	541	641	0.09%	0.020%
78	16.479	2374	2384	2385	rBV5	621	1373	0.18%	0.042%
79	16.531	2391	2394	2396	rBV2	643	748	0.10%	0.023%
80	16.552	2396	2398	2403	rVB2	565	688	0.09%	0.021%
81	16.589	2403	2405	2406	rBV	497	388	0.05%	0.012%
82	16.641	2412	2415	2418	rVB	392	405	0.05%	0.012%
83	16.757	2435	2437	2442	rVB3	547	714	0.10%	0.022%
84	16.804	2442	2446	2449	rBV2	649	830	0.11%	0.026%
85	16.903	2464	2465	2471	rVB3	996	1159	0.15%	0.036%
86	16.945	2471	2473	2474	rBV	803	708	0.09%	0.022%
87	17.008	2484	2485	2488	rBV2	892	570	0.08%	0.018%
88	17.082	2491	2499	2501	rVV4	625	1263	0.17%	0.039%
89	17.108	2501	2504	2507	rBV3	632	727	0.10%	0.022%
90	17.265	2529	2534	2537	rVB6	399	542	0.07%	0.017%
91	17.443	2567	2568	2573	rBV4	731	634	0.08%	0.020%
92	17.475	2573	2574	2576	rBV	658	431	0.06%	0.013%
93	17.559	2582	2590	2594	rVB6	791	1598	0.21%	0.049%
94	17.790	2631	2634	2635	rBV3	910	1073	0.14%	0.033%
95	17.868	2648	2649	2655	rBV5	974	1541	0.21%	0.047%

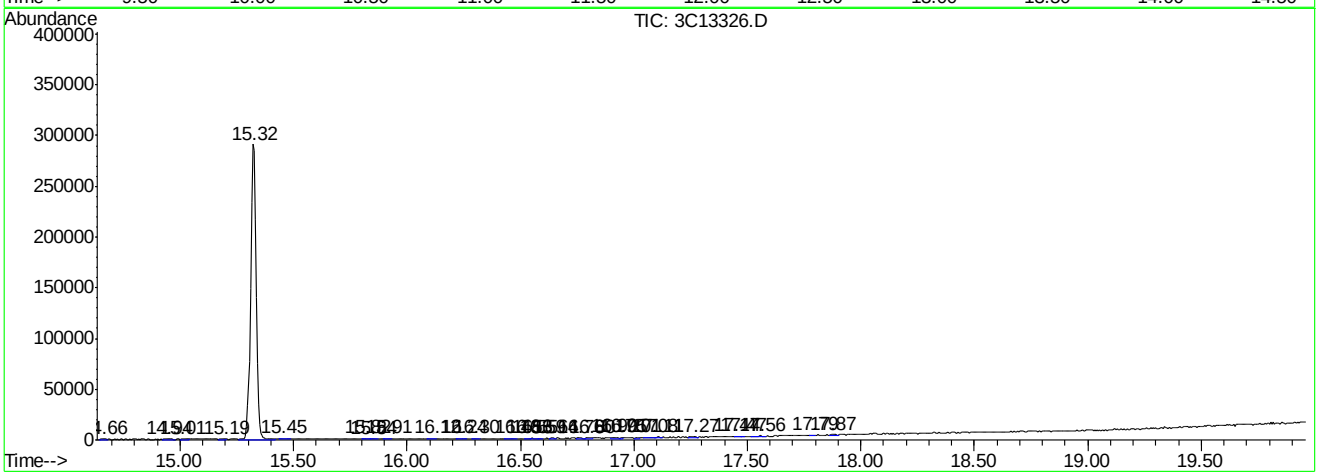
Sum of corrected areas: 3251018

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13326.D
Operator : PINGM
Acquired : 6 May 2006 1:42 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-18
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 35
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 1:42 am
Data File: C:\MSDCHEM\1\DATA\3C13326.D
Name: J29228-18
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13327.D Vial: 36
Acq On : 6 May 2006 2:11 am Operator: PINGM
Sample : J29228-19 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 02:34:34 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

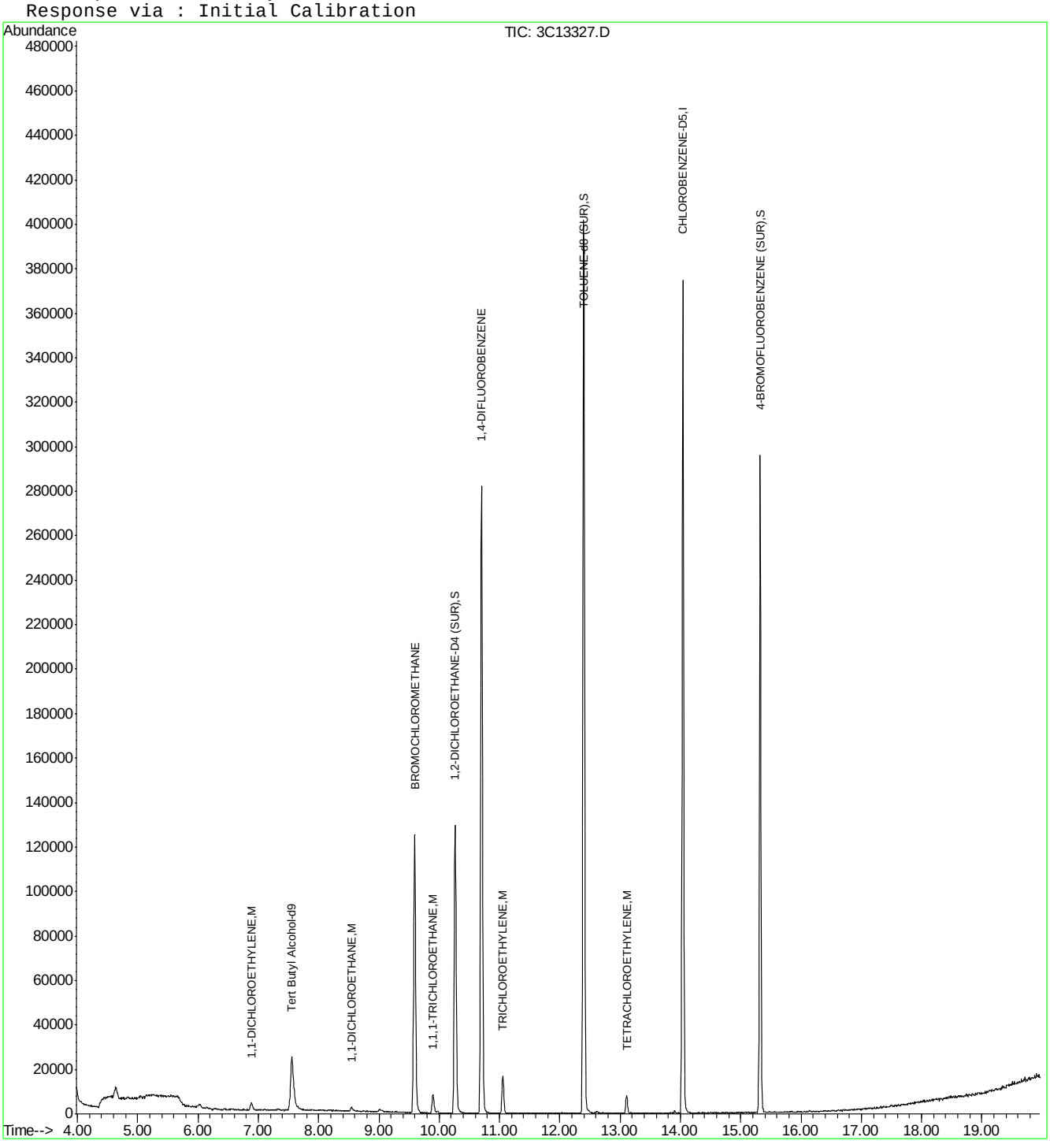
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	43967	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	34261	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	217439	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	195975	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	120045	37.54	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 125.13%						
52) TOLUENE-d8 (SUR)	12.39	98	270128	30.11	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 100.37%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	107839	29.16	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 97.20%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.90	96	2311	1.08	PPb	# 51
24) 1,1-DICHLOROETHANE	8.55	63	2620	0.48	PPb	89
33) 1,1,1-TRICHLOROETHANE	9.90	97	7712	1.63	PPb	98
42) TRICHLOROETHYLENE	11.05	95	6828	2.53	PPb	99
55) TETRACHLOROETHYLENE	13.11	164	1917	1.03	PPb	93

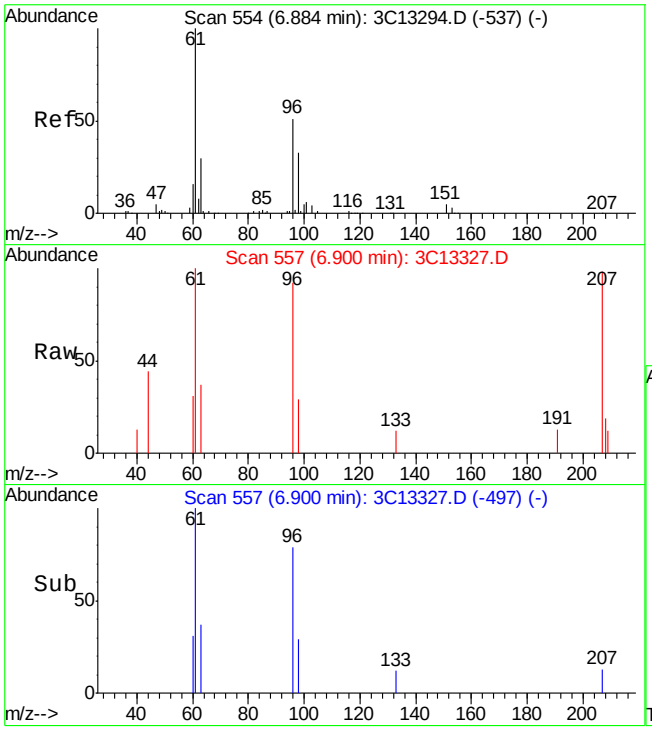
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13327.D Vial: 36
Acq On : 6 May 2006 2:11 am Operator: PINGM
Sample : J29228-19 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:55 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

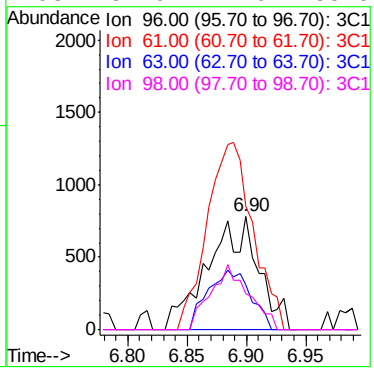


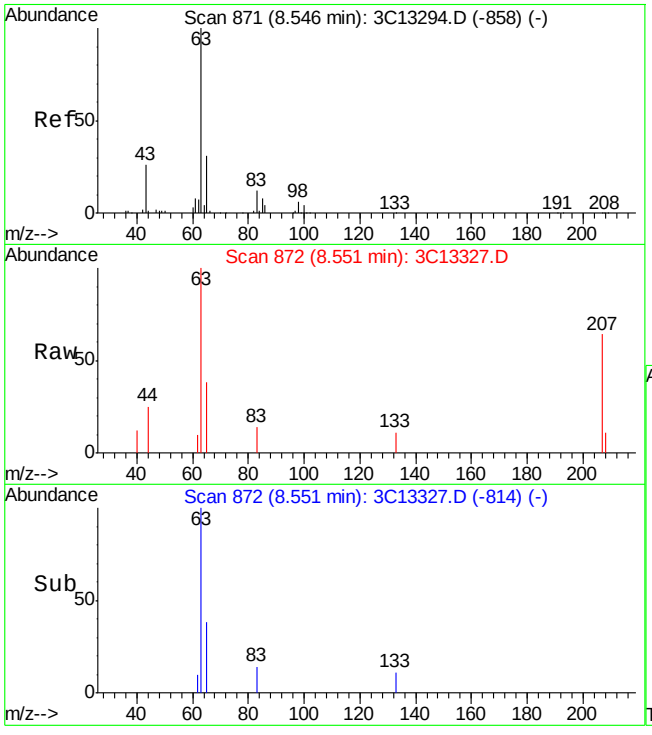


#14
1,1-DICHLOROETHYLENE
Concen: 1.08 PPb
RT: 6.90 min Scan# 557
Delta R.T. 0.02 min
Lab File: 3C13327.D
Acq: 6 May 2006 2:11 am

Tgt Ion: 96 Resp: 2311

Ion	Ratio	Lower	Upper
96	100		
61	109.0	137.9	256.1#
63	39.8	42.1	78.1#
98	31.6	44.9	83.5#

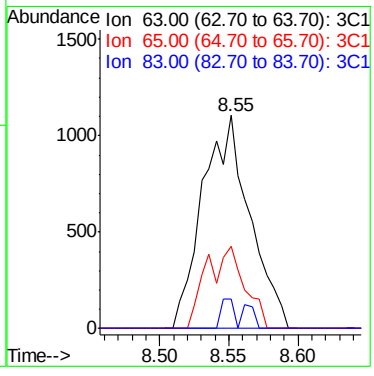


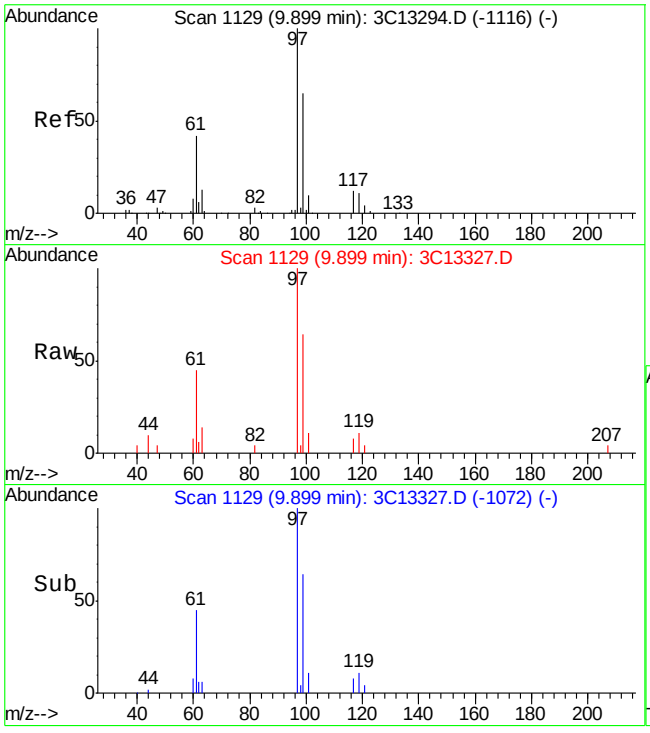


#24
1,1-DICHLOROETHANE
Concen: 0.48 PPb
RT: 8.55 min Scan# 872
Delta R.T. 0.01 min
Lab File: 3C13327.D
Acq: 6 May 2006 2:11 am

Tgt Ion: 63 Resp: 2620

Ion	Ratio	Lower	Upper
63	100		
65	38.3	0.9	60.9
83	14.0	0.0	42.2

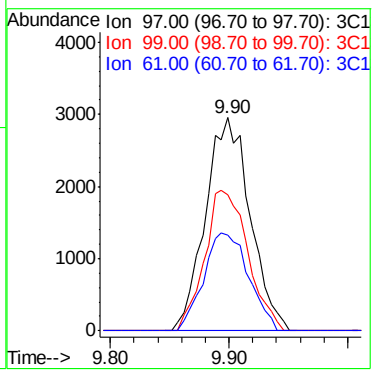


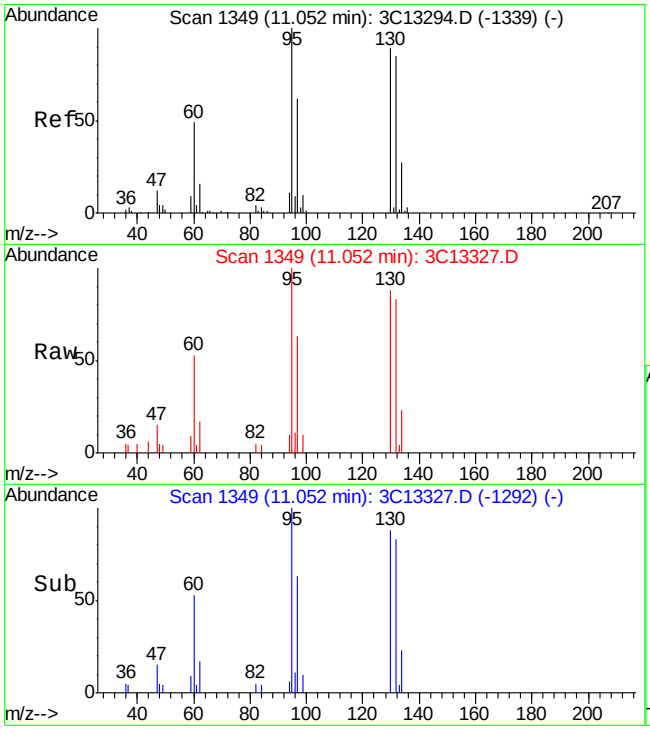


#33
1,1,1-TRICHLOROETHANE
Concen: 1.63 PPb
RT: 9.90 min Scan# 1129
Delta R.T. 0.00 min
Lab File: 3C13327.D
Acq: 6 May 2006 2:11 am

Tgt Ion: 97 Resp: 7712

Ion	Ratio	Lower	Upper
97	100		
99	63.9	34.7	94.7
61	44.7	11.7	71.7

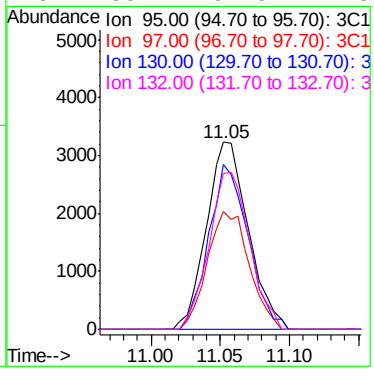


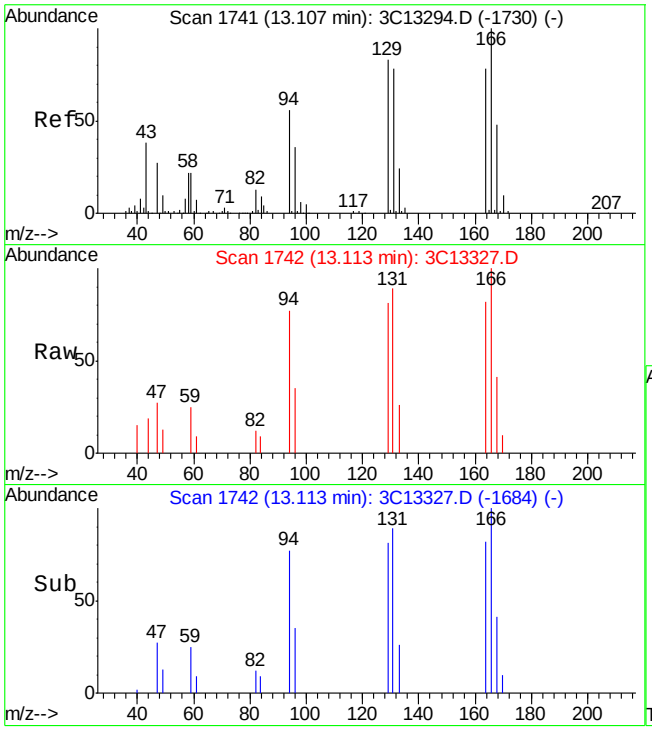


#42
TRICHLOROETHYLENE
Concen: 2.53 PPb
RT: 11.05 min Scan# 1349
Delta R.T. 0.00 min
Lab File: 3C13327.D
Acq: 6 May 2006 2:11 am

Tgt Ion: 95 Resp: 6828

Ion	Ratio	Lower	Upper
95	100		
97	62.7	32.3	92.3
130	88.1	59.3	119.3
132	83.2	54.8	114.8

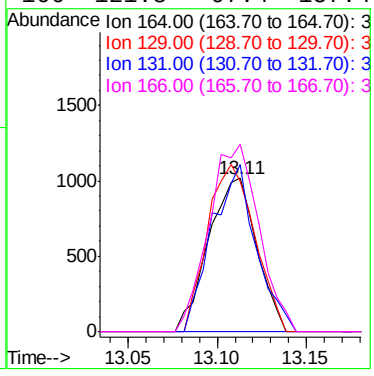




#55
TETRACHLOROETHYLENE
Concen: 1.03 PPb
RT: 13.11 min Scan# 1742
Delta R.T. 0.01 min
Lab File: 3C13327.D
Acq: 6 May 2006 2:11 am

Tgt Ion:164 Resp: 1917

Ion	Ratio	Lower	Upper
164	100		
129	98.1	75.4	135.4
131	108.8	69.3	129.3
166	121.8	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13327.D Vial: 36
Acq On : 6 May 2006 2:11 am Operator: PINGM
Sample : J29228-19 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.320	64	65	70	rVB4	664	862	0.11%	0.025%
2	4.425	70	85	86	rBV9	4088	13495	1.80%	0.399%
3	4.451	86	90	92	rVV4	1289	1636	0.22%	0.048%
4	4.472	92	94	97	rVV4	845	893	0.12%	0.026%
5	4.525	102	104	105	rVV2	2557	2103	0.28%	0.062%
6	4.567	109	112	114	rVV4	2622	3328	0.44%	0.098%
7	4.630	116	124	136	rVB5	5447	19185	2.56%	0.567%
8	4.850	159	166	174	rVB10	1135	3211	0.43%	0.095%
9	5.044	201	203	210	rVB7	1692	2559	0.34%	0.076%
10	5.096	210	213	217	rBV6	1328	1748	0.23%	0.052%
11	5.143	217	222	224	rBV6	1888	3047	0.41%	0.090%
12	5.552	299	300	305	rVB5	1069	920	0.12%	0.027%
13	6.014	381	388	391	rBV6	1502	2945	0.39%	0.087%
14	6.139	410	412	415	rBV	666	755	0.10%	0.022%
15	6.187	420	421	430	rVB3	1036	1592	0.21%	0.047%
16	6.271	432	437	439	rBV4	722	1188	0.16%	0.035%
17	6.438	465	469	471	rVV3	789	981	0.13%	0.029%
18	6.459	471	473	478	rVV2	744	908	0.12%	0.027%
19	6.522	481	485	488	rVV3	832	927	0.12%	0.027%
20	6.554	488	491	495	rVV4	730	951	0.13%	0.028%
21	6.627	500	505	507	rBV3	583	711	0.09%	0.021%
22	6.758	528	530	533	rVB3	804	641	0.09%	0.019%
23	6.884	543	554	568	rVB3	3635	9934	1.32%	0.293%
24	6.994	573	575	579	rBV3	548	684	0.09%	0.020%
25	7.193	612	613	618	rVB4	581	619	0.08%	0.018%
26	7.241	618	622	627	rBV4	511	972	0.13%	0.029%
27	7.324	632	638	642	rBV6	1082	1708	0.23%	0.050%
28	7.414	652	655	658	rVB2	598	704	0.09%	0.021%
29	7.445	658	661	664	rBV3	681	795	0.11%	0.023%
30	7.471	664	666	670	rBV4	608	605	0.08%	0.018%
31	7.555	670	682	706	rBV3	24166	93218	12.42%	2.754%
32	7.749	717	719	724	rVB4	758	799	0.11%	0.024%
33	7.807	728	730	735	rVV2	431	601	0.08%	0.018%
34	8.090	781	784	787	rVB3	580	625	0.08%	0.018%
35	8.158	794	797	802	rBV4	438	678	0.09%	0.020%
36	8.551	864	872	883	rVB3	2026	4967	0.66%	0.147%
37	8.808	916	921	923	rBV3	518	640	0.09%	0.019%
38	9.007	950	959	966	rBV5	1363	4250	0.57%	0.126%

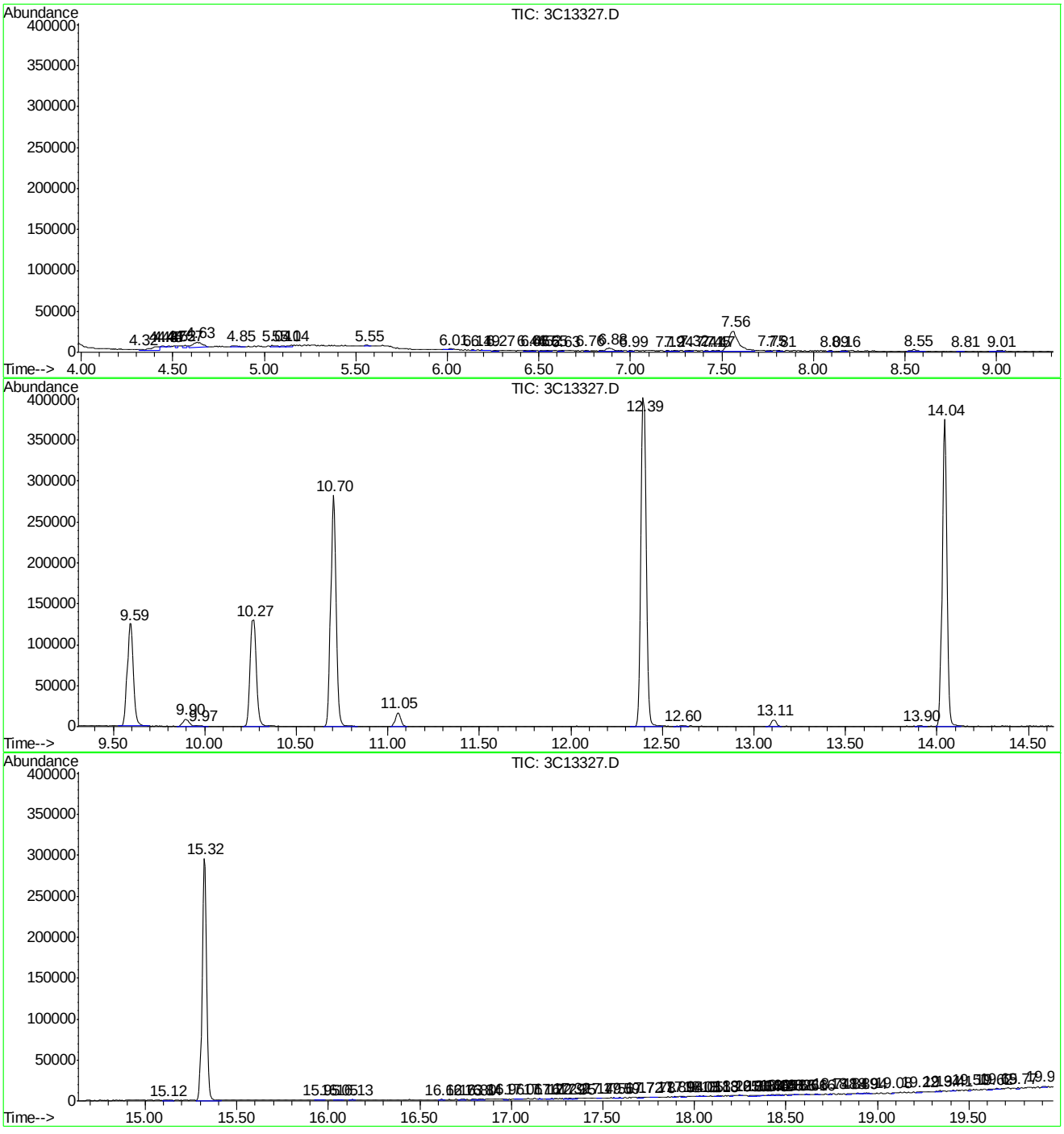
39	9.595	1058	1071	1090	rBV	125031	287550	38.32%	8.494%
40	9.899	1119	1129	1138	rBV3	8586	21623	2.88%	0.639%
41	9.967	1138	1142	1151	rVV3	966	2021	0.27%	0.060%
42	10.266	1188	1199	1215	rVV	129641	289817	38.62%	8.561%
43	10.701	1272	1282	1307	rBV	281955	566068	75.43%	16.722%
44	11.052	1342	1349	1359	rBV3	16762	34524	4.60%	1.020%
45	12.394	1591	1605	1625	rVV	401784	750415	100.00%	22.168%
46	12.604	1637	1645	1652	rBV3	917	2345	0.31%	0.069%
47	13.107	1733	1741	1749	rVB2	7948	15455	2.06%	0.457%
48	13.904	1888	1893	1900	rVB2	1090	1447	0.19%	0.043%
49	14.041	1910	1919	1936	rBV	374747	671676	89.51%	19.842%
50	15.116	2120	2124	2131	rBV2	399	666	0.09%	0.020%
51	15.320	2155	2163	2181	rBV	295869	500248	66.66%	14.778%
52	15.949	2278	2283	2289	rBV3	515	874	0.12%	0.026%
53	16.049	2298	2302	2308	rBV4	510	662	0.09%	0.020%
54	16.133	2314	2318	2321	rBV2	780	921	0.12%	0.027%
55	16.620	2407	2411	2414	rBV3	847	1097	0.15%	0.032%
56	16.730	2428	2432	2436	rBV4	578	815	0.11%	0.024%
57	16.804	2441	2446	2448	rBB3	683	623	0.08%	0.018%
58	16.835	2448	2452	2455	rBV3	603	853	0.11%	0.025%
59	16.961	2475	2476	2480	rVB4	844	708	0.09%	0.021%
60	17.055	2486	2494	2495	rBV4	584	1327	0.18%	0.039%
61	17.155	2511	2513	2516	rVB3	776	793	0.11%	0.023%
62	17.218	2519	2525	2527	rBV5	1012	1277	0.17%	0.038%
63	17.291	2537	2539	2542	rBV4	516	621	0.08%	0.018%
64	17.318	2542	2544	2547	rVB2	1146	915	0.12%	0.027%
65	17.349	2547	2550	2552	rBV3	896	969	0.13%	0.029%
66	17.485	2572	2576	2577	rBV4	830	855	0.11%	0.025%
67	17.559	2589	2590	2595	rVB4	695	867	0.12%	0.026%
68	17.590	2595	2596	2599	rBV4	729	742	0.10%	0.022%
69	17.716	2615	2620	2621	rBV5	680	753	0.10%	0.022%
70	17.784	2628	2633	2635	rBV4	769	1147	0.15%	0.034%
71	17.889	2651	2653	2655	rBV3	1132	722	0.10%	0.021%
72	17.936	2660	2662	2665	rVB4	757	604	0.08%	0.018%
73	18.031	2676	2680	2681	rVB3	1358	1140	0.15%	0.034%
74	18.046	2681	2683	2686	rBV4	1144	1149	0.15%	0.034%
75	18.130	2695	2699	2702	rVB6	872	1195	0.16%	0.035%
76	18.198	2711	2712	2714	rBV2	1300	976	0.13%	0.029%
77	18.246	2720	2721	2724	rBV3	938	695	0.09%	0.021%
78	18.314	2730	2734	2740	rBV7	1507	3362	0.45%	0.099%
79	18.372	2741	2745	2746	rVV3	1026	1189	0.16%	0.035%
80	18.403	2749	2751	2753	rVV3	1397	1077	0.14%	0.032%
81	18.424	2753	2755	2758	rVV4	1171	1308	0.17%	0.039%
82	18.450	2758	2760	2764	rVV5	1089	1383	0.18%	0.041%
83	18.482	2764	2766	2767	rVV2	1389	765	0.10%	0.023%
84	18.524	2771	2774	2776	rBV4	894	1186	0.16%	0.035%
85	18.555	2778	2780	2782	rVB3	890	610	0.08%	0.018%
86	18.613	2789	2791	2794	rVB3	866	749	0.10%	0.022%
87	18.660	2799	2800	2805	rVV4	924	885	0.12%	0.026%
88	18.738	2813	2815	2817	rBV3	1345	908	0.12%	0.027%
89	18.838	2832	2834	2838	rBV4	975	1298	0.17%	0.038%
90	18.891	2843	2844	2849	rVV4	1068	1254	0.17%	0.037%
91	18.938	2849	2853	2859	rVV7	1100	2241	0.30%	0.066%
92	19.079	2879	2880	2882	rBV2	991	632	0.08%	0.019%
93	19.221	2905	2907	2911	rBV5	1183	1213	0.16%	0.036%
94	19.341	2925	2930	2932	rBV4	2110	2793	0.37%	0.083%
95	19.410	2941	2943	2946	rBV4	1548	1747	0.23%	0.052%

96	19.499	2959	2960	2962	rBV2	2081	1296	0.17%	0.038%
97	19.625	2979	2984	2985	rBV5	1027	1319	0.18%	0.039%
98	19.651	2988	2989	2993	rVV4	1603	1072	0.14%	0.032%
99	19.766	3009	3011	3013	rBV2	1675	1455	0.19%	0.043%
100	19.902	3036	3037	3041	rBV4	1977	1902	0.25%	0.056%

Sum of corrected areas: 3385184

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13327.D
Operator : PINGM
Acquired : 6 May 2006 2:11 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-19
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 36
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 2:11 am
Data File: C:\MSDCHEM\1\DATA\3C13327.D
Name: J29228-19
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13328.D Vial: 37
Acq On : 6 May 2006 2:39 am Operator: PINGM
Sample : J29228-20 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 03:03:28 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

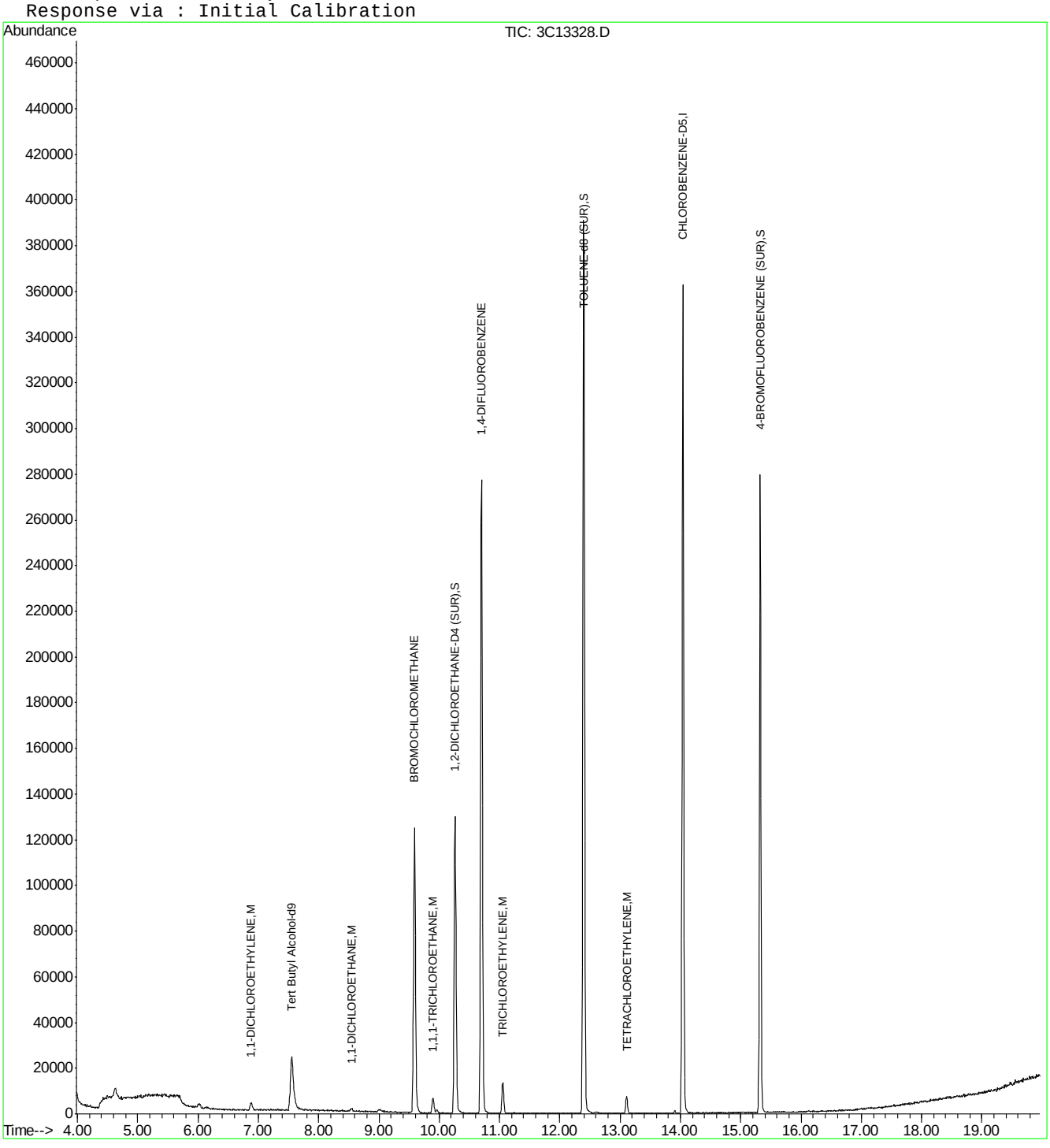
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	43411	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	33454	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	211343	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	192006	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	118392	37.91	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 126.37%						
52) TOLUENE-d8 (SUR)	12.39	98	265860	30.49	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 101.63%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	104404	28.82	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 96.07%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	2025	0.96	PPb	87
24) 1,1-DICHLOROETHANE	8.55	63	2030	0.38	PPb	84
33) 1,1,1-TRICHLOROETHANE	9.89	97	6268	1.36	PPb	92
42) TRICHLOROETHYLENE	11.06	95	5326	2.03	PPb	89
55) TETRACHLOROETHYLENE	13.10	164	1707	0.94	PPb	80

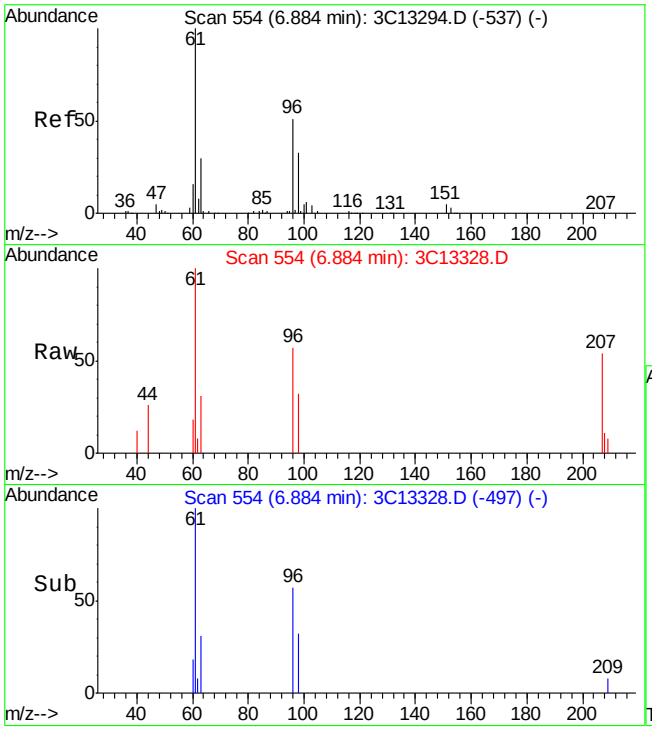
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13328.D Vial: 37
Acq On : 6 May 2006 2:39 am Operator: PINGM
Sample : J29228-20 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:56 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

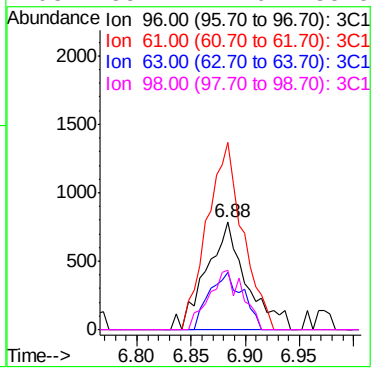


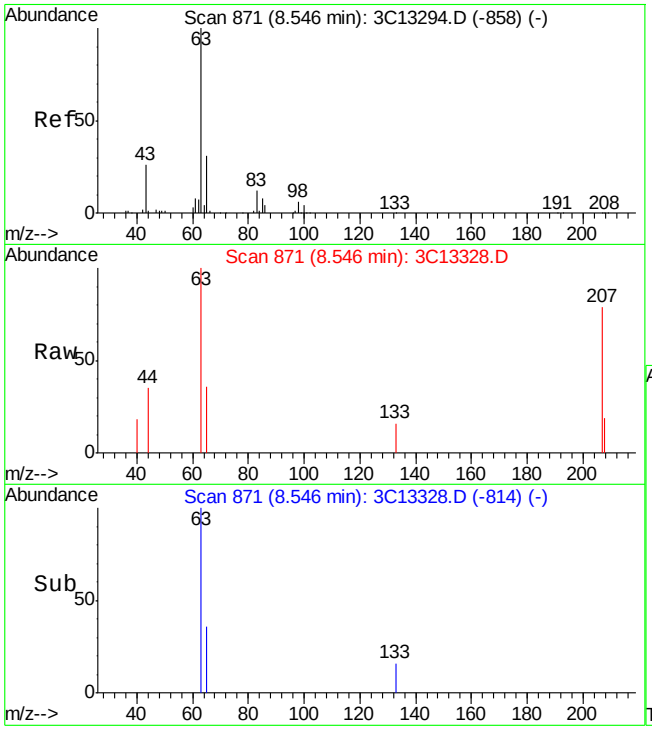


#14
1,1-DICHLOROETHYLENE
Concen: 0.96 PPb
RT: 6.88 min Scan# 554
Delta R.T. -0.00 min
Lab File: 3C13328.D
Acq: 6 May 2006 2:39 am

Tgt Ion: 96 Resp: 2025

Ion	Ratio	Lower	Upper
96	100		
61	173.9	137.9	256.1
63	53.3	42.1	78.1
98	55.7	44.9	83.5

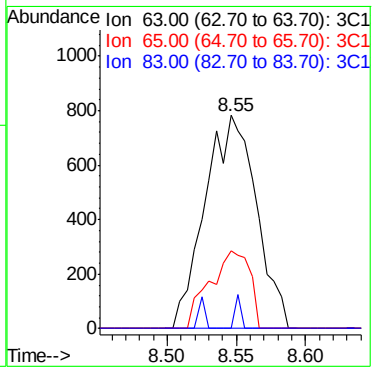


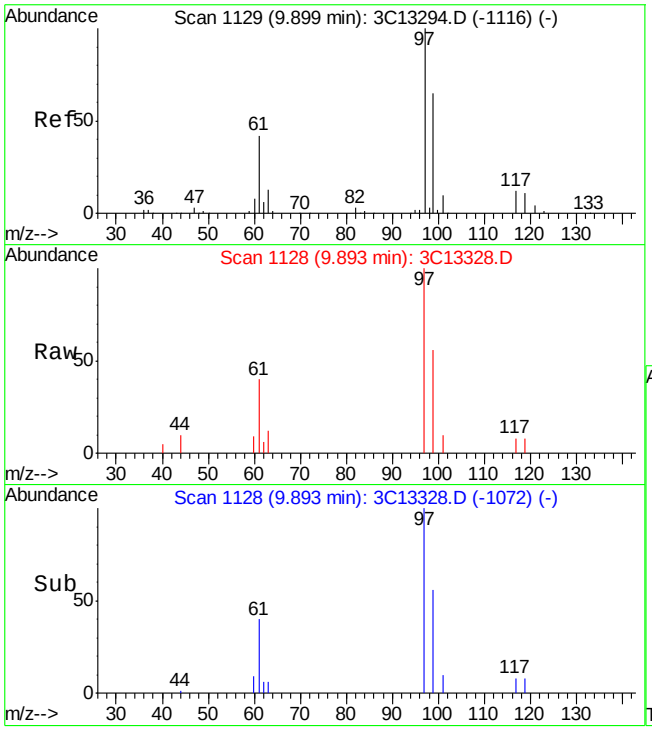


#24
1,1-DICHLOROETHANE
Concen: 0.38 PPb
RT: 8.55 min Scan# 871
Delta R.T. -0.00 min
Lab File: 3C13328.D
Acq: 6 May 2006 2:39 am

Tgt Ion: 63 Resp: 2030

Ion	Ratio	Lower	Upper
63	100		
65	36.4	0.9	60.9
83	0.0	0.0	42.2

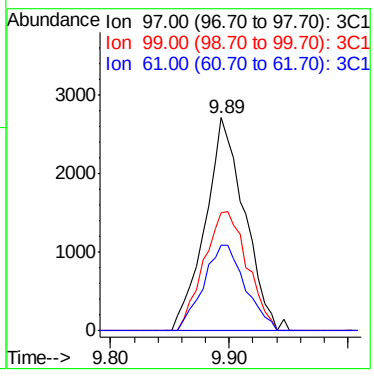


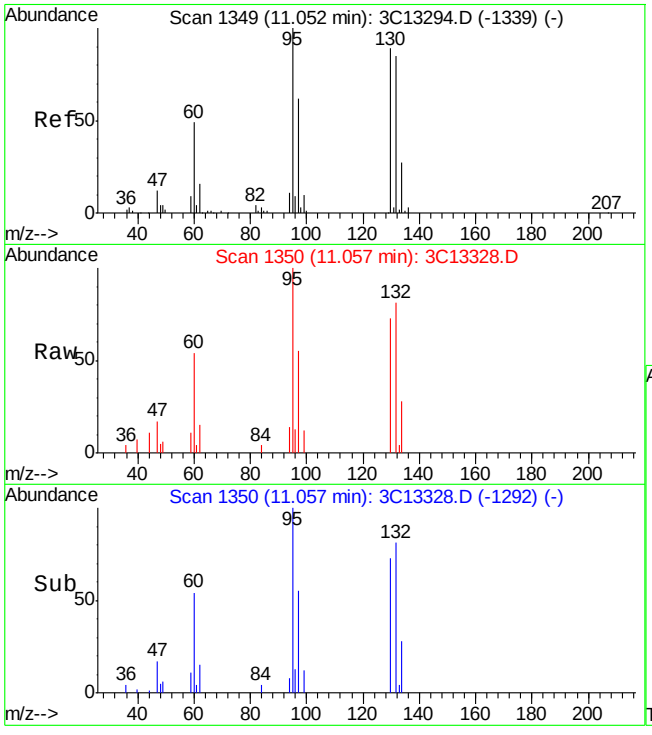


#33
1,1,1-TRICHLOROETHANE
Concen: 1.36 PPb
RT: 9.89 min Scan# 1128
Delta R.T. -0.01 min
Lab File: 3C13328.D
Acq: 6 May 2006 2:39 am

Tgt Ion: 97 Resp: 6268

Ion	Ratio	Lower	Upper
97	100		
99	55.6	34.7	94.7
61	40.2	11.7	71.7

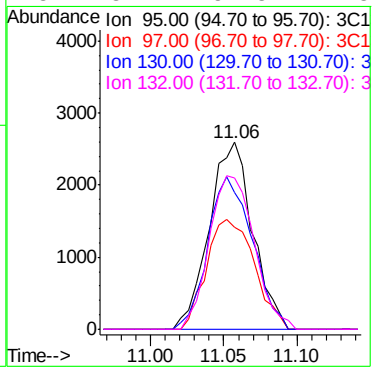


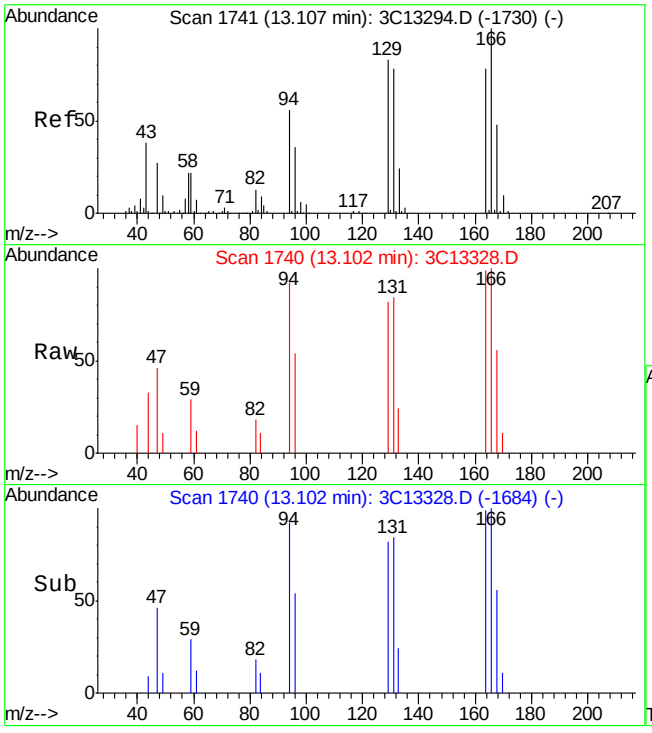


#42
TRICHLOROETHYLENE
Concen: 2.03 PPb
RT: 11.06 min Scan# 1350
Delta R.T. 0.01 min
Lab File: 3C13328.D
Acq: 6 May 2006 2:39 am

Tgt Ion: 95 Resp: 5326

Ion	Ratio	Lower	Upper
95	100		
97	54.6	32.3	92.3
130	73.2	59.3	119.3
132	81.2	54.8	114.8

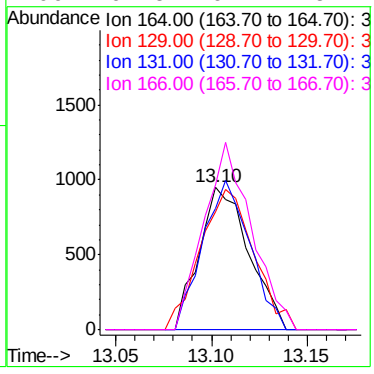




#55
TETRACHLOROETHYLENE
Concen: 0.94 PPb
RT: 13.10 min Scan# 1740
Delta R.T. -0.01 min
Lab File: 3C13328.D
Acq: 6 May 2006 2:39 am

Tgt Ion:164 Resp: 1707

Ion	Ratio	Lower	Upper
164	100		
129	82.7	75.4	135.4
131	85.1	69.3	129.3
166	101.5	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13328.D Vial: 37
Acq On : 6 May 2006 2:39 am Operator: PINGM
Sample : J29228-20 Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

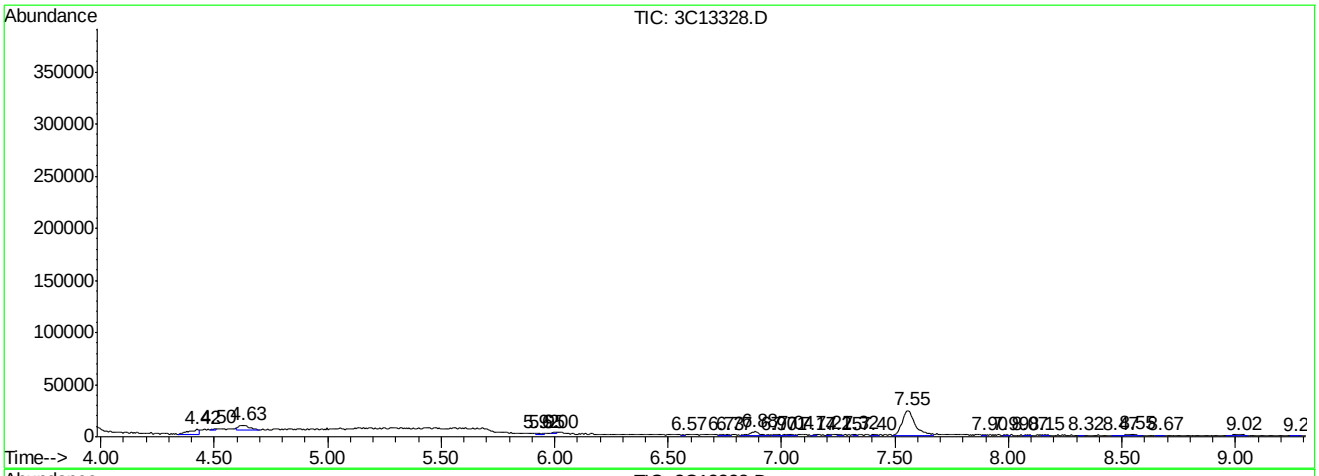
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.425	69	85	87	rBV6	4640	14072	1.91%	0.435%
2	4.498	96	99	101	rBV3	1377	1349	0.18%	0.042%
3	4.629	118	124	137	rVB5	4652	14638	1.99%	0.453%
4	5.919	369	370	374	rVB3	823	728	0.10%	0.023%
5	5.945	374	375	377	rBV2	882	565	0.08%	0.017%
6	6.003	383	386	387	rBV2	1132	1318	0.18%	0.041%
7	6.569	492	494	495	rBV2	645	443	0.06%	0.014%
8	6.732	523	525	529	rVB	438	576	0.08%	0.018%
9	6.769	529	532	533	rBV2	521	394	0.05%	0.012%
10	6.884	542	554	566	rBV2	3309	8765	1.19%	0.271%
11	6.968	568	570	576	rVB4	612	867	0.12%	0.027%
12	7.010	576	578	582	rBV2	668	765	0.10%	0.024%
13	7.041	582	584	589	rVB2	813	706	0.10%	0.022%
14	7.141	601	603	606	rBV3	447	455	0.06%	0.014%
15	7.209	613	616	618	rBV	576	387	0.05%	0.012%
16	7.251	623	624	628	rVB2	481	433	0.06%	0.013%
17	7.324	636	638	640	rVB2	645	406	0.06%	0.013%
18	7.403	651	653	658	rVB4	447	674	0.09%	0.021%
19	7.555	670	682	704	rBV2	23671	90976	12.35%	2.816%
20	7.896	744	747	748	rBV2	522	439	0.06%	0.014%
21	7.990	762	765	768	rVB3	623	490	0.07%	0.015%
22	8.074	779	781	786	rVB3	489	551	0.07%	0.017%
23	8.147	794	795	801	rBV4	532	788	0.11%	0.024%
24	8.320	825	828	830	rBV3	327	383	0.05%	0.012%
25	8.472	854	857	861	rVB4	410	387	0.05%	0.012%
26	8.546	861	871	879	rBV2	1225	3641	0.49%	0.113%
27	8.672	890	895	898	rVB2	452	595	0.08%	0.018%
28	9.018	950	961	968	rBV4	1197	4202	0.57%	0.130%
29	9.269	1003	1009	1012	rBV2	469	689	0.09%	0.021%
30	9.317	1016	1018	1025	rBV3	260	411	0.06%	0.013%
31	9.589	1060	1070	1091	rVB	124668	281315	38.19%	8.706%
32	9.893	1119	1128	1137	rBV2	6749	16401	2.23%	0.508%
33	9.961	1137	1141	1152	rVB4	1418	3078	0.42%	0.095%
34	10.260	1188	1198	1223	rBV	129864	285537	38.77%	8.837%
35	10.701	1269	1282	1300	rBV	277206	551432	74.87%	17.066%
36	11.052	1341	1349	1360	rVB2	13302	27311	3.71%	0.845%
37	11.246	1379	1386	1390	rVB	366	472	0.06%	0.015%
38	12.059	1536	1541	1546	rVB	300	688	0.09%	0.021%

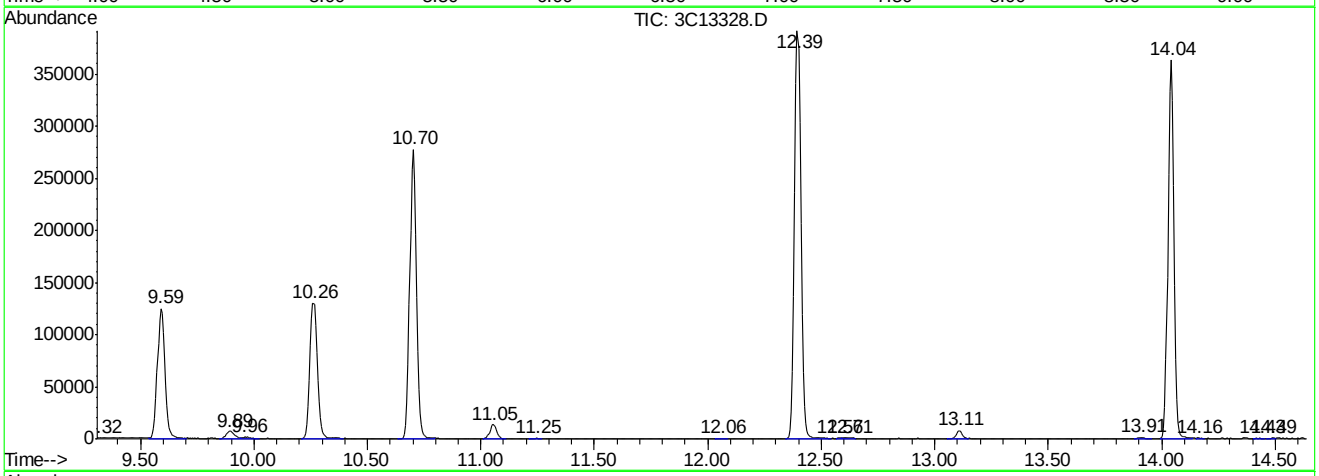
39	12.394	1595	1605	1633	rVB	391043	736526	100.00%	22.794%
40	12.573	1638	1639	1642	rBV2	389	428	0.06%	0.013%
41	12.614	1642	1647	1654	rVB3	504	1171	0.16%	0.036%
42	13.107	1731	1741	1749	rVB2	7425	14066	1.91%	0.435%
43	13.910	1888	1894	1902	rVB3	1074	1417	0.19%	0.044%
44	14.041	1910	1919	1937	rBV	362661	656970	89.20%	20.332%
45	14.156	1940	1941	1947	rBV2	382	520	0.07%	0.016%
46	14.434	1988	1994	1997	rBV2	298	396	0.05%	0.012%
47	14.486	1999	2004	2007	rBV3	306	400	0.05%	0.012%
48	14.748	2051	2054	2057	rBV	388	417	0.06%	0.013%
49	14.858	2074	2075	2084	rBV3	499	1063	0.14%	0.033%
50	15.121	2118	2125	2127	rVB3	199	420	0.06%	0.013%
51	15.320	2155	2163	2179	rBV	279267	485797	65.96%	15.034%
52	15.551	2204	2207	2210	rBV2	440	470	0.06%	0.015%
53	15.645	2222	2225	2231	rVB2	503	578	0.08%	0.018%
54	15.713	2236	2238	2241	rVB2	463	413	0.06%	0.013%
55	15.813	2254	2257	2262	rVB3	247	421	0.06%	0.013%
56	15.870	2262	2268	2270	rVB2	355	532	0.07%	0.016%
57	16.127	2311	2317	2322	rBV5	774	1350	0.18%	0.042%
58	16.269	2341	2344	2346	rVB3	398	389	0.05%	0.012%
59	16.437	2373	2376	2378	rBV3	722	582	0.08%	0.018%
60	16.458	2378	2380	2382	rBV	577	445	0.06%	0.014%
61	16.542	2394	2396	2398	rBV2	554	425	0.06%	0.013%
62	16.631	2410	2413	2415	rBV2	522	557	0.08%	0.017%
63	16.683	2422	2423	2428	rBV3	472	415	0.06%	0.013%
64	16.783	2440	2442	2445	rBV3	610	473	0.06%	0.015%
65	16.819	2446	2449	2453	rVB4	373	505	0.07%	0.016%
66	16.903	2464	2465	2467	rBV2	609	387	0.05%	0.012%
67	16.930	2467	2470	2472	rVV3	611	476	0.06%	0.015%
68	16.966	2472	2477	2479	rVV3	518	497	0.07%	0.015%
69	17.003	2479	2484	2487	rVB4	673	788	0.11%	0.024%
70	17.029	2487	2489	2491	rBV2	492	388	0.05%	0.012%
71	17.087	2495	2500	2501	rBV3	752	1003	0.14%	0.031%
72	17.737	2622	2624	2626	rBV4	583	417	0.06%	0.013%
73	17.789	2632	2634	2637	rVB4	824	724	0.10%	0.022%
74	17.816	2637	2639	2645	rBV4	915	1378	0.19%	0.043%
75	18.225	2715	2717	2719	rBV3	908	713	0.10%	0.022%

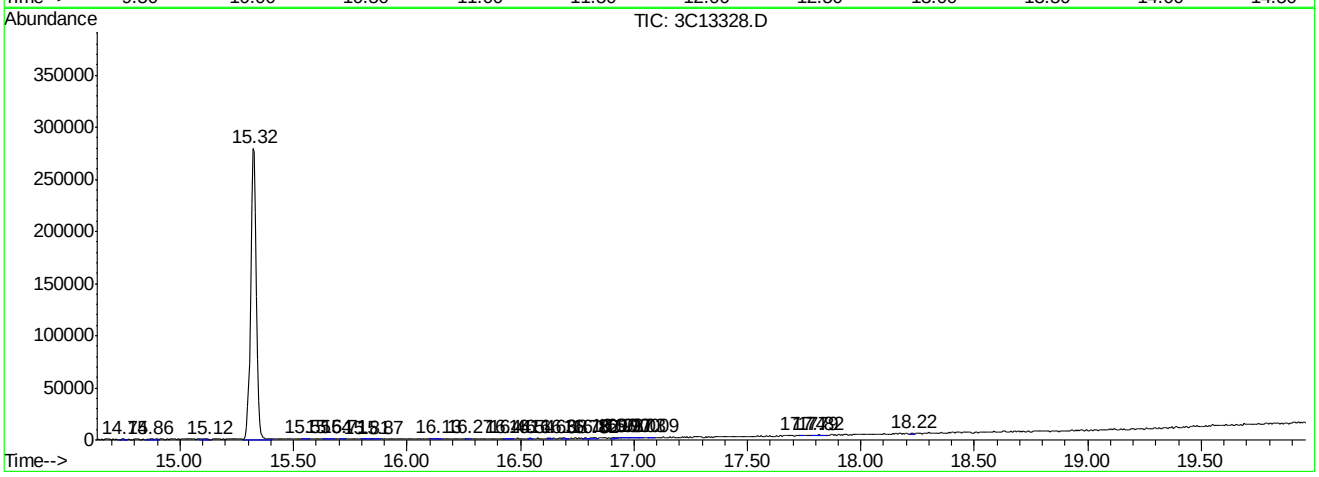
Sum of corrected areas: 3231244

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13328.D
Operator : PINGM
Acquired : 6 May 2006 2:39 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-20
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 37
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 2:39 am
Data File: C:\MSDCHEM\1\DATA\3C13328.D
Name: J29228-20
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13334.D Vial: 6
Acq On : 6 May 2006 3:04 pm Operator: PINGM
Sample : J29228-21 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 15:27:46 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	67807	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	60911	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	387042	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	349659	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	156882	27.59	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 91.97%			
52) TOLUENE-d8 (SUR)	12.39	98	463244	29.01	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 96.70%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	182504	27.66	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.20%			

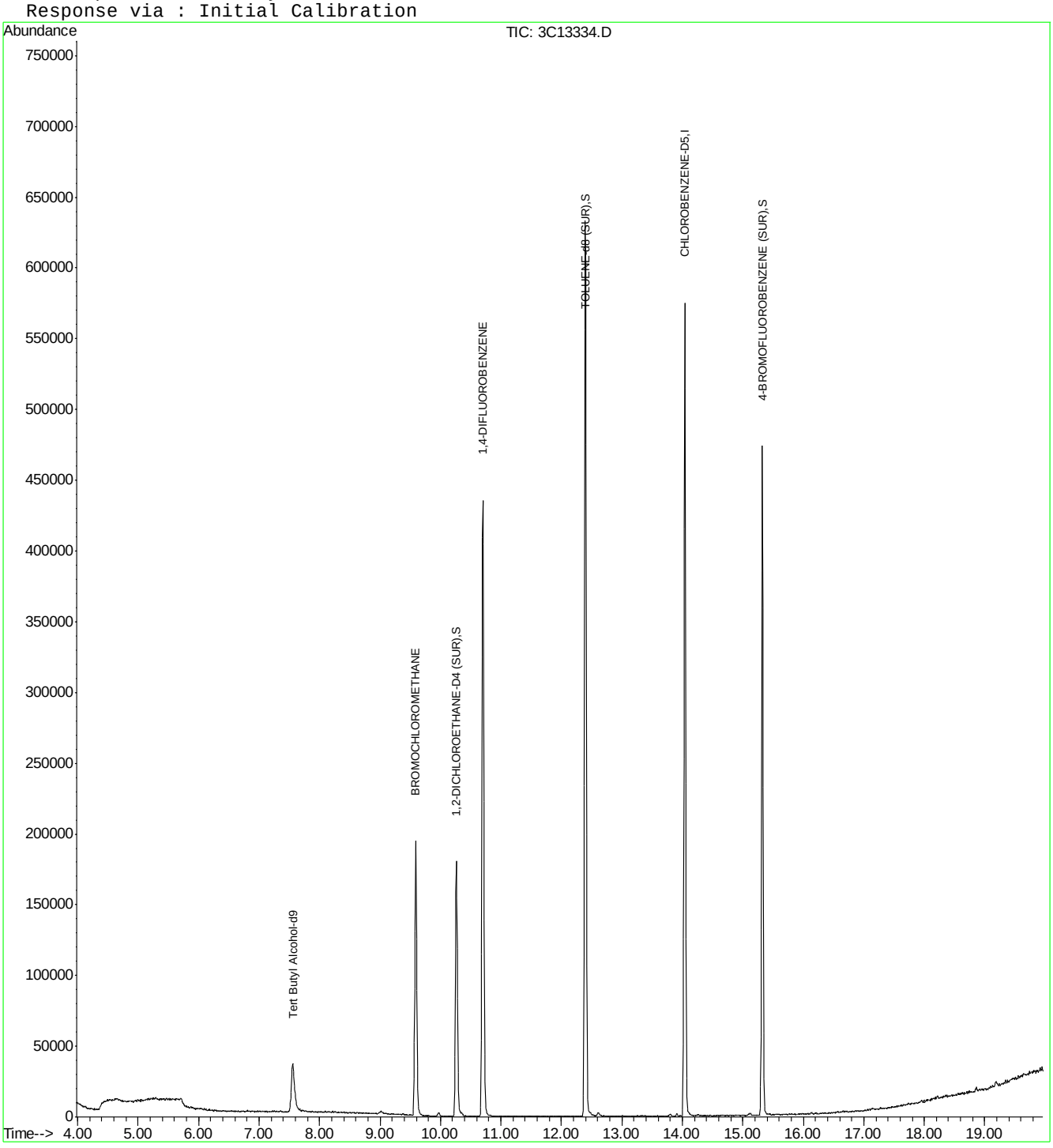
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13334.D Vial: 6
Acq On : 6 May 2006 3:04 pm Operator: PINGM
Sample : J29228-21 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:58 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13334.D Vial: 6
Acq On : 6 May 2006 3:04 pm Operator: PINGM
Sample : J29228-21 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

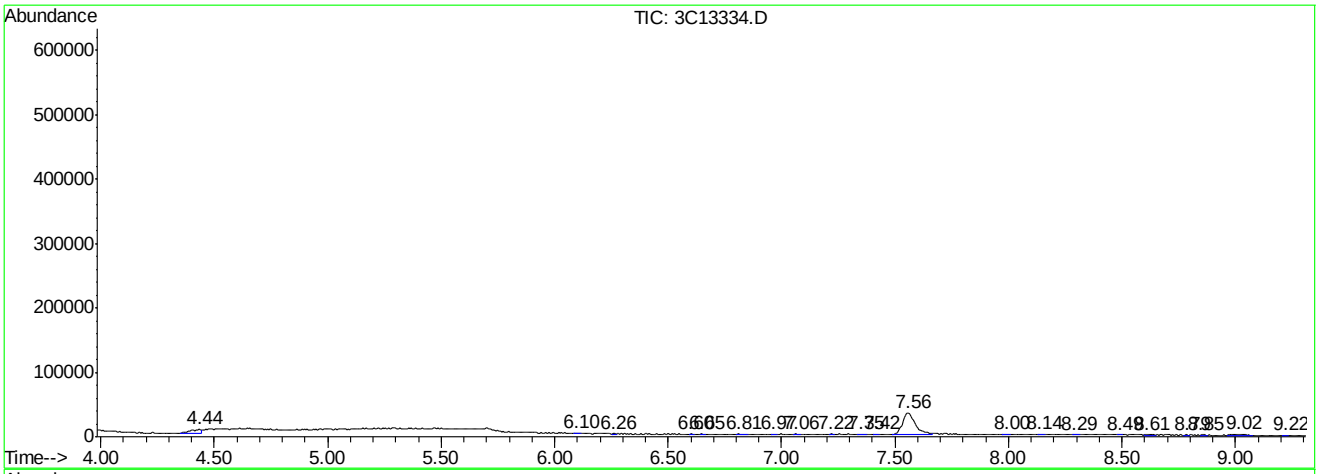
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.435	71	87	89	rBV9	6151	21200	1.75%	0.417%
2	6.097	401	404	407	rVB3	1080	781	0.06%	0.015%
3	6.260	433	435	437	rBV3	1126	1184	0.10%	0.023%
4	6.601	498	500	502	rVB3	702	516	0.04%	0.010%
5	6.648	508	509	512	rBV2	647	490	0.04%	0.010%
6	6.810	538	540	547	rVB6	1135	1058	0.09%	0.021%
7	6.968	567	570	572	rBV4	770	980	0.08%	0.019%
8	7.062	586	588	592	rVB4	808	705	0.06%	0.014%
9	7.219	616	618	620	rBV2	936	590	0.05%	0.012%
10	7.350	640	643	647	rVB4	838	968	0.08%	0.019%
11	7.419	653	656	658	rBV4	628	612	0.05%	0.012%
12	7.560	669	683	703	rBV2	33861	133256	11.02%	2.622%
13	7.995	761	766	768	rBV4	747	1242	0.10%	0.024%
14	8.137	791	793	797	rBV5	771	777	0.06%	0.015%
15	8.289	821	822	826	rBV3	579	780	0.06%	0.015%
16	8.493	858	861	862	rBV2	529	495	0.04%	0.010%
17	8.609	881	883	890	rVB4	656	1082	0.09%	0.021%
18	8.787	914	917	919	rBV2	767	515	0.04%	0.010%
19	8.850	928	929	934	rBV4	388	457	0.04%	0.009%
20	9.018	951	961	971	rBV3	1882	5368	0.44%	0.106%
21	9.222	997	1000	1002	rBV3	487	424	0.04%	0.008%
22	9.380	1025	1030	1034	rVB5	811	963	0.08%	0.019%
23	9.589	1057	1070	1092	rVB	194663	438433	36.25%	8.626%
24	9.977	1133	1144	1153	rVB6	2454	5804	0.48%	0.114%
25	10.119	1166	1171	1175	rBV2	312	498	0.04%	0.010%
26	10.260	1183	1198	1226	rBV	180635	407172	33.67%	8.011%
27	10.528	1247	1249	1255	rVB2	379	491	0.04%	0.010%
28	10.701	1272	1282	1305	rBV	435406	900118	74.43%	17.709%
29	10.827	1305	1306	1312	rVB3	414	456	0.04%	0.009%
30	11.125	1357	1363	1364	rBV	377	457	0.04%	0.009%
31	11.288	1391	1394	1397	rBV2	484	445	0.04%	0.009%
32	11.461	1422	1427	1431	rBV2	422	654	0.05%	0.013%
33	11.592	1449	1452	1456	rBV	321	511	0.04%	0.010%
34	11.776	1483	1487	1491	rBV3	482	694	0.06%	0.014%
35	11.833	1495	1498	1503	rBV	396	404	0.03%	0.008%
36	11.928	1512	1516	1520	rVB2	302	529	0.04%	0.010%
37	11.964	1520	1523	1529	rVV2	398	560	0.05%	0.011%
38	12.012	1529	1532	1536	rVB2	455	526	0.04%	0.010%

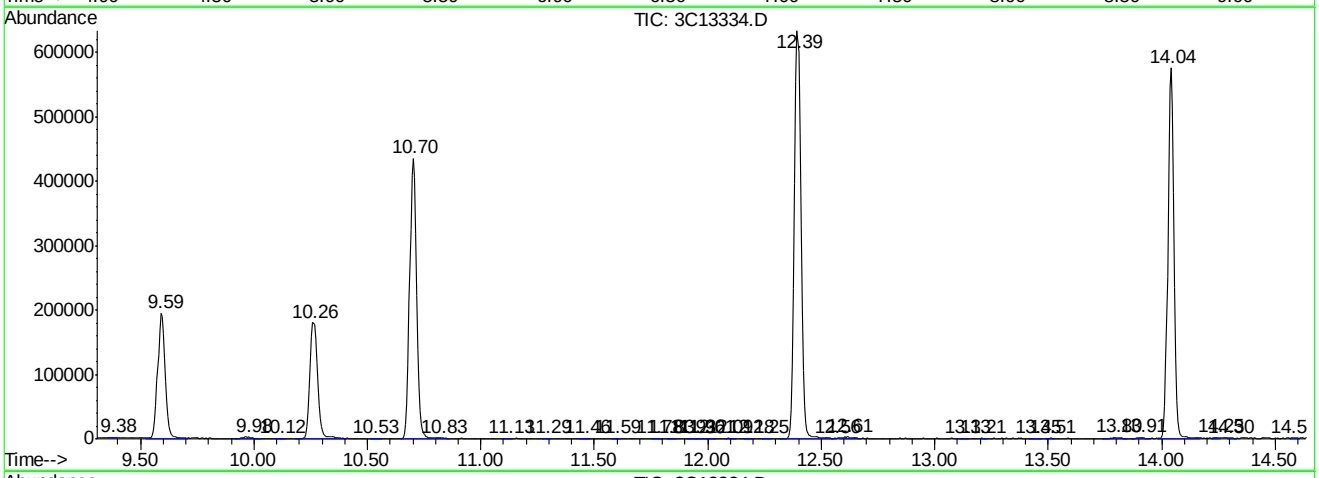
39	12.090	1545	1547	1553	rVB3	462	400	0.03%	0.008%
40	12.185	1560	1565	1568	rBV2	255	386	0.03%	0.008%
41	12.247	1575	1577	1582	rBV	358	426	0.04%	0.008%
42	12.394	1590	1605	1634	rBV	633321	1209358	100.00%	23.794%
43	12.562	1634	1637	1638	rBV2	552	405	0.03%	0.008%
44	12.614	1640	1647	1657	rVB3	2263	5512	0.46%	0.108%
45	13.134	1741	1746	1749	rVB3	365	468	0.04%	0.009%
46	13.207	1759	1760	1764	rVB2	442	401	0.03%	0.008%
47	13.448	1800	1806	1810	rBV2	496	810	0.07%	0.016%
48	13.511	1814	1818	1820	rVB2	351	459	0.04%	0.009%
49	13.805	1862	1874	1882	rVB5	1251	2589	0.21%	0.051%
50	13.910	1886	1894	1900	rBV3	2004	3934	0.33%	0.077%
51	14.041	1908	1919	1944	rBV	574717	1060079	87.66%	20.857%
52	14.250	1953	1959	1961	rBV3	1129	1619	0.13%	0.032%
53	14.297	1966	1968	1974	rVB3	497	642	0.05%	0.013%
54	14.575	2019	2021	2027	rBV3	323	560	0.05%	0.011%
55	14.712	2044	2047	2048	rBV2	591	393	0.03%	0.008%
56	14.733	2048	2051	2056	rVV3	691	872	0.07%	0.017%
57	14.801	2061	2064	2067	rVB2	539	511	0.04%	0.010%
58	14.879	2073	2079	2082	rBV3	368	570	0.05%	0.011%
59	15.115	2115	2124	2131	rBV9	1500	3726	0.31%	0.073%
60	15.320	2152	2163	2181	rBV	473244	824520	68.18%	16.222%
61	15.430	2181	2184	2187	rVB2	752	582	0.05%	0.011%
62	15.493	2195	2196	2199	rBV	674	405	0.03%	0.008%
63	15.545	2202	2206	2210	rVV6	710	967	0.08%	0.019%
64	15.587	2210	2214	2219	rVB5	449	662	0.05%	0.013%
65	15.766	2243	2248	2252	rBV4	911	1444	0.12%	0.028%
66	15.807	2252	2256	2262	rVV4	860	1489	0.12%	0.029%
67	15.865	2265	2267	2269	rVB2	694	552	0.05%	0.011%
68	15.923	2276	2278	2281	rBV2	747	757	0.06%	0.015%
69	15.949	2281	2283	2286	rVB2	627	462	0.04%	0.009%
70	15.986	2286	2290	2294	rBV5	833	1106	0.09%	0.022%
71	16.075	2305	2307	2309	rVB3	641	488	0.04%	0.010%
72	16.106	2309	2313	2314	rBV3	899	884	0.07%	0.017%
73	16.133	2314	2318	2325	rVB7	1285	2555	0.21%	0.050%
74	16.180	2325	2327	2329	rBV3	685	502	0.04%	0.010%
75	16.201	2329	2331	2333	rBV2	612	387	0.03%	0.008%
76	16.264	2341	2343	2347	rBV2	462	643	0.05%	0.013%
77	16.316	2349	2353	2358	rVV4	552	1090	0.09%	0.021%
78	16.348	2358	2359	2362	rBV2	822	642	0.05%	0.013%
79	16.463	2378	2381	2384	rBV3	496	551	0.05%	0.011%
80	16.536	2393	2395	2396	rBV	882	513	0.04%	0.010%
81	16.562	2397	2400	2408	rVB4	949	1763	0.15%	0.035%
82	16.615	2408	2410	2412	rBV3	591	528	0.04%	0.010%
83	16.657	2414	2418	2422	rVB5	1324	1699	0.14%	0.033%
84	16.694	2422	2425	2427	rBV2	952	1117	0.09%	0.022%
85	16.751	2434	2436	2438	rBV3	853	597	0.05%	0.012%
86	16.861	2454	2457	2459	rBV4	790	689	0.06%	0.014%
87	17.066	2489	2496	2497	rBV6	1107	1715	0.14%	0.034%
88	17.087	2499	2500	2503	rVV3	1047	909	0.08%	0.018%
89	17.139	2504	2510	2516	rVV8	1448	3181	0.26%	0.063%
90	17.207	2520	2523	2525	rBV4	883	1244	0.10%	0.024%
91	17.276	2532	2536	2539	rBV5	1503	1761	0.15%	0.035%

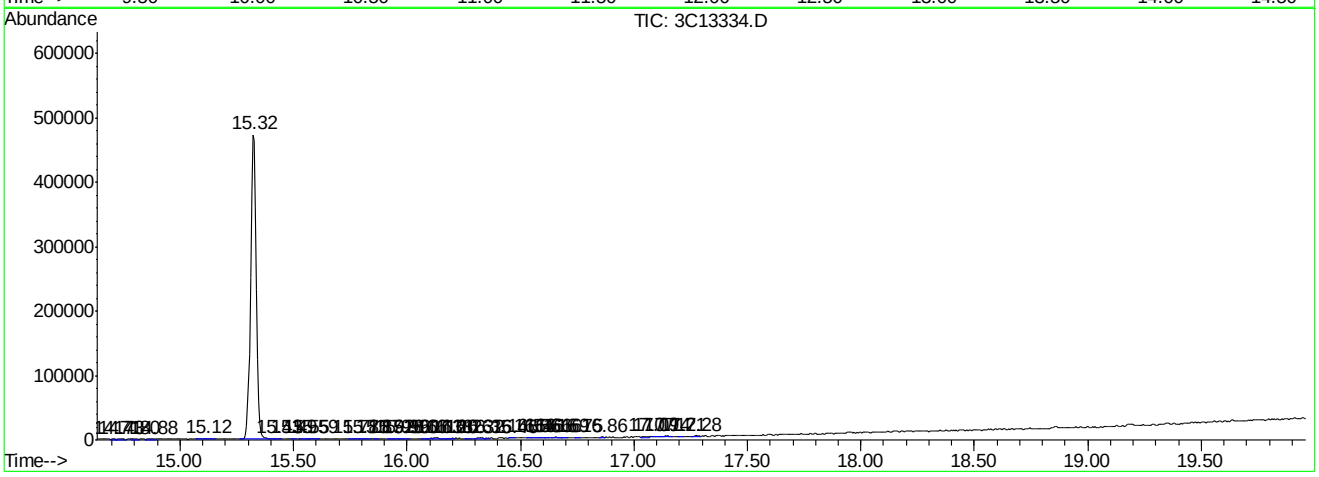
Sum of corrected areas: 5082719

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13334.D
Operator : PINGM
Acquired : 6 May 2006 3:04 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-21
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 6
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 3:04 pm
Data File: C:\MSDCHEM\1\DATA\3C13334.D
Name: J29228-21
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13336.D Vial: 8
Acq On : 6 May 2006 4:02 pm Operator: PINGM
Sample : J29228-22 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 16:26:06 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	71176	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	60289	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	381904	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	347974	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	156799	27.86	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 92.87%			
52) TOLUENE-d8 (SUR)	12.39	98	460261	29.21	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 97.37%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	181884	27.70	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.33%			

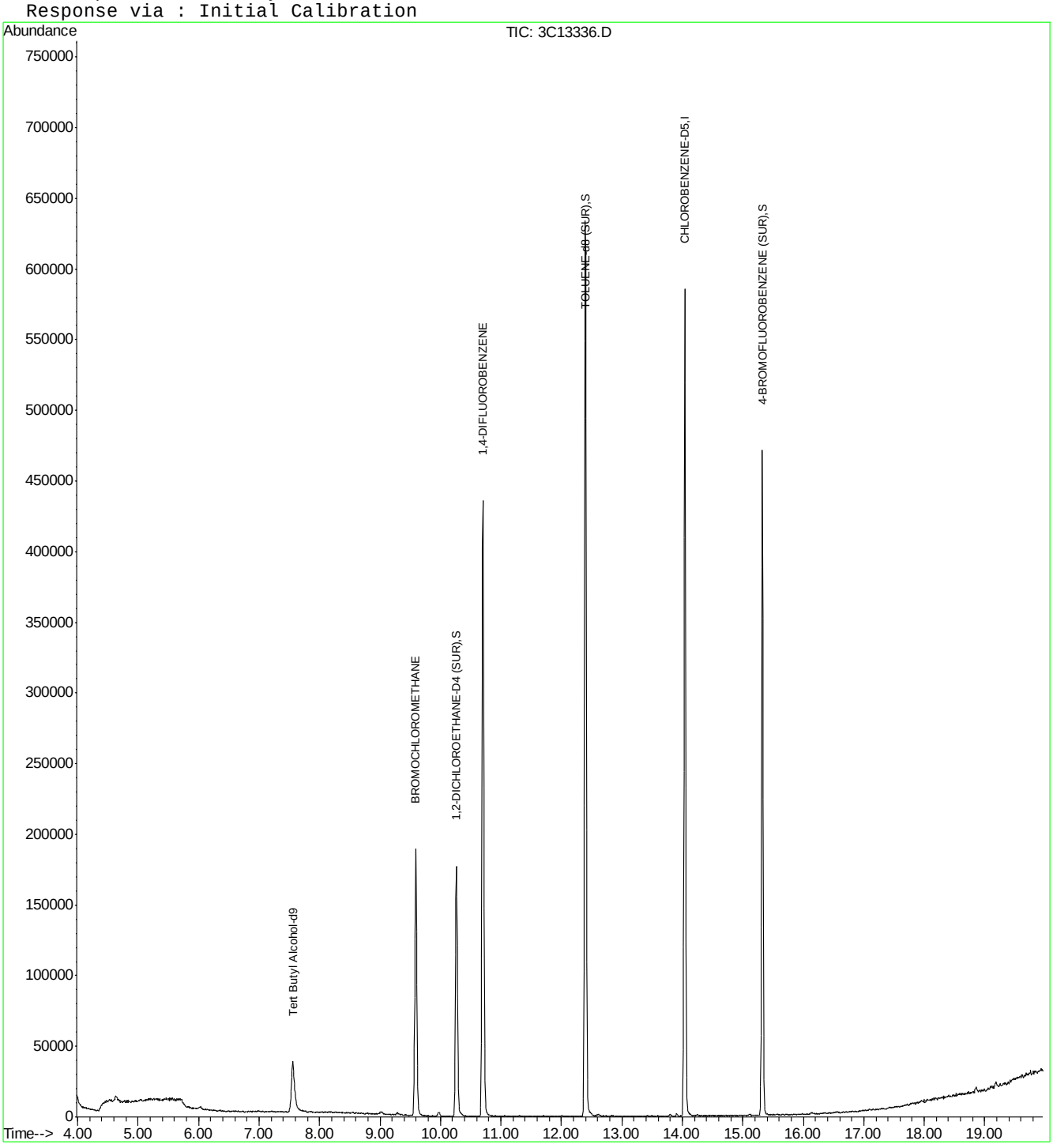
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13336.D Vial: 8
Acq On : 6 May 2006 4:02 pm Operator: PINGM
Sample : J29228-22 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:58 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13336.D Vial: 8
Acq On : 6 May 2006 4:02 pm Operator: PINGM
Sample : J29228-22 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.430	72	86	87	rBV6	5633	18285	1.51%	0.360%
2	4.630	121	124	130	rVB5	3020	5756	0.48%	0.113%
3	6.103	404	405	410	rVB4	1096	1182	0.10%	0.023%
4	6.140	410	412	416	rVB5	837	835	0.07%	0.016%
5	6.344	448	451	454	rBV4	783	916	0.08%	0.018%
6	6.386	457	459	465	rBV4	826	1090	0.09%	0.021%
7	6.543	487	489	491	rBV	1071	779	0.06%	0.015%
8	6.821	540	542	544	rBV2	987	810	0.07%	0.016%
9	6.900	556	557	561	rBV2	811	821	0.07%	0.016%
10	6.937	562	564	568	rVV4	596	790	0.07%	0.016%
11	7.220	616	618	622	rVB4	563	503	0.04%	0.010%
12	7.298	630	633	635	rVB4	607	552	0.05%	0.011%
13	7.560	667	683	705	rBV2	36270	139886	11.59%	2.756%
14	7.823	730	733	736	rBV3	578	885	0.07%	0.017%
15	8.038	773	774	778	rVB3	828	721	0.06%	0.014%
16	8.074	778	781	783	rBV2	812	685	0.06%	0.013%
17	8.378	838	839	842	rBV3	1130	663	0.05%	0.013%
18	8.447	849	852	854	rVV3	515	552	0.05%	0.011%
19	8.473	855	857	861	rVV4	667	630	0.05%	0.012%
20	8.551	864	872	878	rVB5	1026	2243	0.19%	0.044%
21	8.688	896	898	900	rBV2	518	440	0.04%	0.009%
22	8.756	910	911	915	rBV3	468	449	0.04%	0.009%
23	8.798	916	919	922	rVB4	759	598	0.05%	0.012%
24	8.829	923	925	928	rVB3	598	534	0.04%	0.011%
25	8.882	934	935	938	rBB2	866	479	0.04%	0.009%
26	8.971	949	952	955	rBV4	673	867	0.07%	0.017%
27	9.018	955	961	970	rVB4	1587	4349	0.36%	0.086%
28	9.238	1002	1003	1007	rVB2	511	568	0.05%	0.011%
29	9.280	1007	1011	1023	rBV5	1656	4138	0.34%	0.082%
30	9.427	1031	1039	1040	rVB3	478	1000	0.08%	0.020%
31	9.469	1044	1047	1049	rVB2	542	612	0.05%	0.012%
32	9.485	1049	1050	1054	rBV3	510	617	0.05%	0.012%
33	9.590	1059	1070	1094	rVV	189167	434775	36.02%	8.565%
34	9.721	1094	1095	1102	rVB2	388	487	0.04%	0.010%
35	9.972	1131	1143	1154	rBV5	2923	7700	0.64%	0.152%
36	10.082	1157	1164	1165	rVB2	360	599	0.05%	0.012%
37	10.103	1165	1168	1173	rBV	361	565	0.05%	0.011%
38	10.261	1186	1198	1220	rBV	177014	401080	33.23%	7.901%

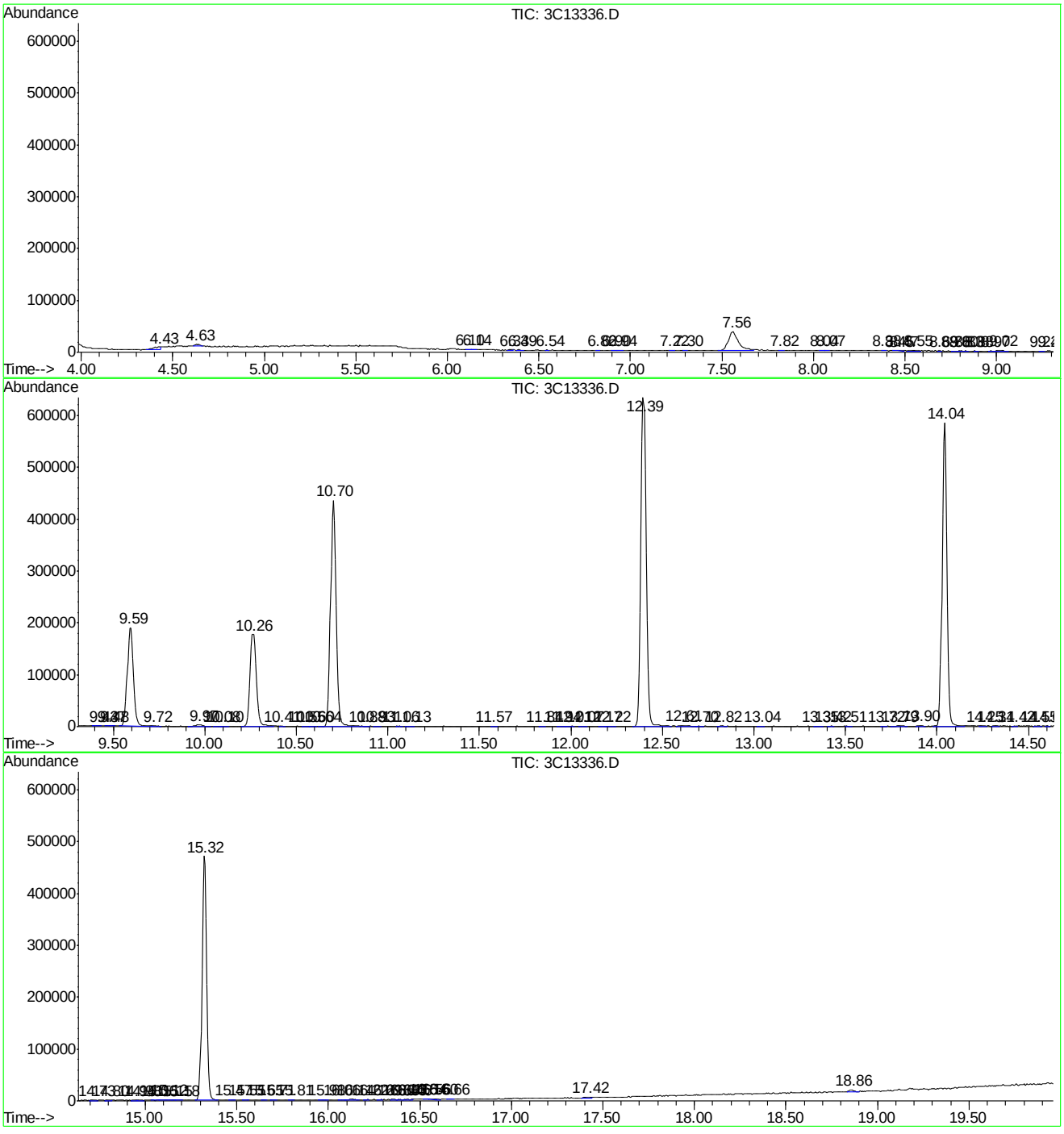
39	10.413	1226	1227	1231	rVB2	463	449	0.04%	0.009%
40	10.549	1249	1253	1257	rVB3	489	737	0.06%	0.015%
41	10.596	1257	1262	1264	rBV2	444	559	0.05%	0.011%
42	10.638	1266	1270	1272	rVV	463	545	0.05%	0.011%
43	10.701	1272	1282	1314	rVV	435735	898727	74.45%	17.705%
44	10.879	1314	1316	1320	rVV2	365	489	0.04%	0.010%
45	10.926	1324	1325	1331	rVB	368	509	0.04%	0.010%
46	11.063	1347	1351	1354	rVB3	542	704	0.06%	0.014%
47	11.126	1357	1363	1366	rBV2	427	733	0.06%	0.014%
48	11.571	1446	1448	1453	rBV2	326	464	0.04%	0.009%
49	11.844	1496	1500	1503	rVB3	327	478	0.04%	0.009%
50	11.944	1515	1519	1524	rVB2	328	428	0.04%	0.008%
51	12.007	1524	1531	1533	rVB3	499	542	0.04%	0.011%
52	12.069	1538	1543	1546	rBV2	516	721	0.06%	0.014%
53	12.169	1558	1562	1565	rVB2	394	518	0.04%	0.010%
54	12.216	1565	1571	1576	rBV3	483	1028	0.09%	0.020%
55	12.395	1594	1605	1634	rBV	634005	1207126	100.00%	23.781%
56	12.610	1639	1646	1660	rVV4	1408	4909	0.41%	0.097%
57	12.699	1660	1663	1668	rVB3	496	801	0.07%	0.016%
58	12.824	1682	1687	1692	rVB3	640	1011	0.08%	0.020%
59	13.039	1723	1728	1731	rBV2	329	542	0.04%	0.011%
60	13.354	1783	1788	1792	rBV2	386	651	0.05%	0.013%
61	13.422	1797	1801	1803	rBV	580	508	0.04%	0.010%
62	13.506	1816	1817	1822	rBV3	423	473	0.04%	0.009%
63	13.716	1852	1857	1859	rBV2	402	625	0.05%	0.012%
64	13.789	1863	1871	1880	rBV4	1154	2838	0.24%	0.056%
65	13.905	1889	1893	1899	rBV3	1759	2745	0.23%	0.054%
66	14.041	1907	1919	1940	rBV	585350	1054465	87.35%	20.773%
67	14.251	1955	1959	1963	rVB4	817	914	0.08%	0.018%
68	14.313	1968	1971	1976	rBV4	340	664	0.06%	0.013%
69	14.424	1989	1992	1995	rBV2	335	455	0.04%	0.009%
70	14.549	2012	2016	2020	rBV4	415	561	0.05%	0.011%
71	14.607	2024	2027	2029	rBV	484	488	0.04%	0.010%
72	14.728	2044	2050	2052	rVB2	663	850	0.07%	0.017%
73	14.801	2060	2064	2067	rBV4	433	483	0.04%	0.010%
74	14.943	2087	2091	2094	rBV3	353	500	0.04%	0.010%
75	14.979	2094	2098	2100	rVB2	590	586	0.05%	0.012%
76	15.063	2108	2114	2116	rBV2	525	516	0.04%	0.010%
77	15.121	2116	2125	2129	rVB6	1016	2327	0.19%	0.046%
78	15.147	2129	2130	2133	rBV3	588	432	0.04%	0.009%
79	15.184	2133	2137	2141	rVB4	591	782	0.06%	0.015%
80	15.320	2154	2163	2177	rBV	470728	813603	67.40%	16.028%
81	15.472	2189	2192	2195	rBV2	861	772	0.06%	0.015%
82	15.546	2203	2206	2209	rBV3	652	886	0.07%	0.017%
83	15.645	2223	2225	2228	rBV3	624	664	0.06%	0.013%
84	15.708	2232	2237	2239	rBV2	809	1048	0.09%	0.021%
85	15.808	2251	2256	2257	rVB2	563	561	0.05%	0.011%
86	15.981	2282	2289	2292	rBV6	837	1561	0.13%	0.031%
87	16.065	2303	2305	2310	rBV2	524	694	0.06%	0.014%
88	16.138	2310	2319	2324	rBV5	1608	3845	0.32%	0.076%
89	16.217	2329	2334	2335	rVB3	733	918	0.08%	0.018%
90	16.290	2343	2348	2349	rBV3	887	1238	0.10%	0.024%
91	16.364	2357	2362	2364	rVB4	640	852	0.07%	0.017%
92	16.384	2364	2366	2370	rBV5	436	640	0.05%	0.013%
93	16.426	2371	2374	2377	rVB3	902	897	0.07%	0.018%
94	16.458	2378	2380	2381	rBV2	627	487	0.04%	0.010%
95	16.537	2391	2395	2397	rBV5	639	863	0.07%	0.017%

96	16.558	2397	2399	2405	rVV6	1225	1819	0.15%	0.036%
97	16.599	2405	2407	2409	rVB3	1386	1025	0.08%	0.020%
98	16.662	2416	2419	2423	rVB4	1057	1328	0.11%	0.026%
99	17.423	2556	2564	2567	rBV7	1579	3845	0.32%	0.076%
100	18.859	2833	2838	2845	rVB9	3447	6246	0.52%	0.123%

Sum of corrected areas: 5076116

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13336.D
Operator : PINGM
Acquired : 6 May 2006 4:02 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-22
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 8
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 4:02 pm
Data File: C:\MSDCHEM\1\DATA\3C13336.D
Name: J29228-22
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13338.D Vial: 10
Acq On : 6 May 2006 5:00 pm Operator: PINGM
Sample : J29228-23 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 17:24:01 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	65402	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	55885	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	352273	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	319758	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	151062	28.96	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 96.53%			
52) TOLUENE-d8 (SUR)	12.39	98	424762	29.22	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 97.40%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	166116	27.53	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.77%			

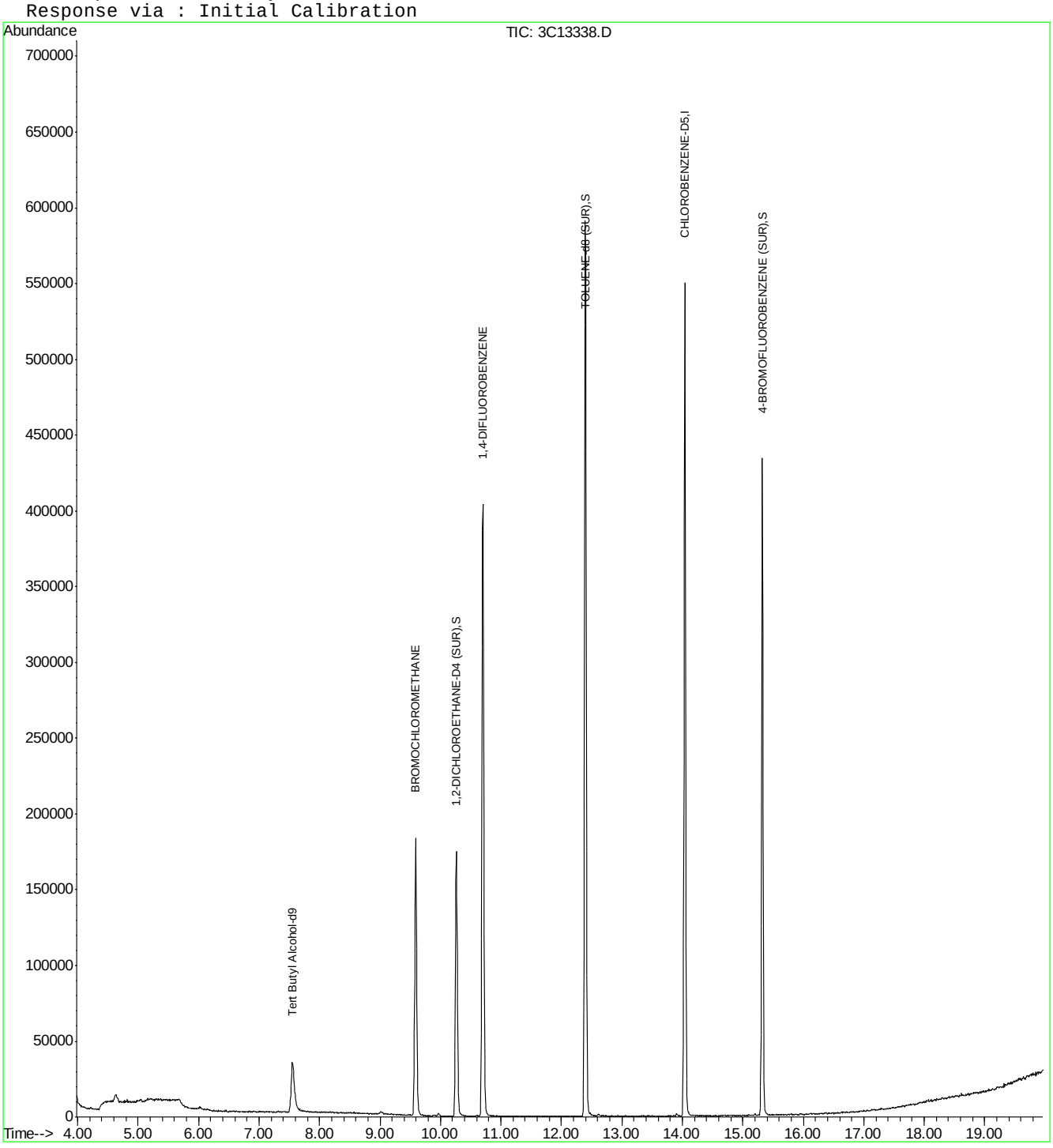
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13338.D Vial: 10
Acq On : 6 May 2006 5:00 pm Operator: PINGM
Sample : J29228-23 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:59 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13338.D Vial: 10
Acq On : 6 May 2006 5:00 pm Operator: PINGM
Sample : J29228-23 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

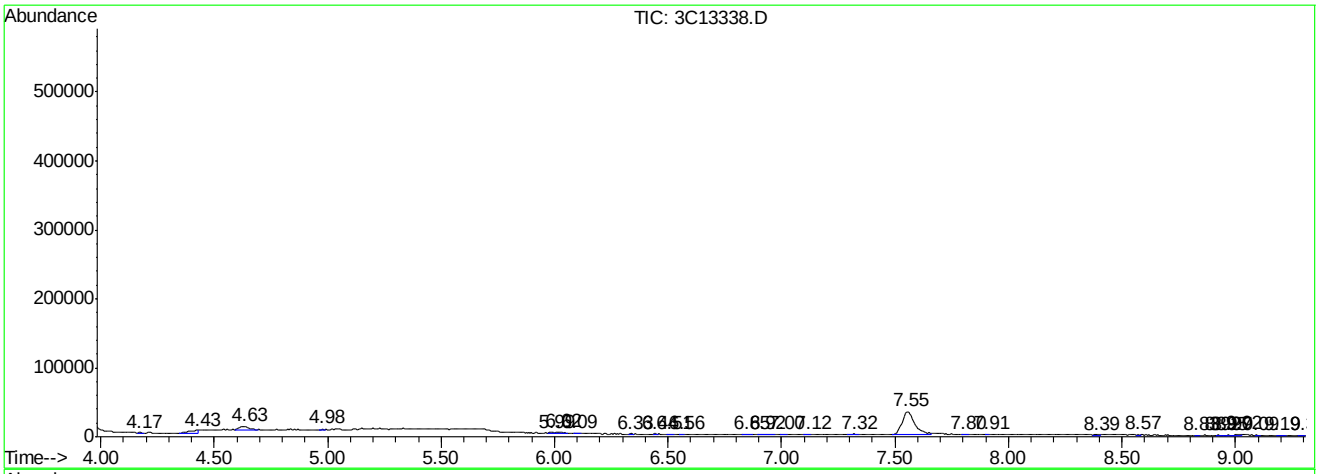
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.168	35	36	40	rVB4	832	870	0.08%	0.018%
2	4.425	70	85	86	rBV7	5036	15958	1.43%	0.338%
3	4.635	117	125	136	rVB8	5484	18467	1.65%	0.391%
4	4.976	188	190	192	rBV3	1590	691	0.06%	0.015%
5	5.987	380	383	385	rBV3	816	882	0.08%	0.019%
6	6.019	385	389	396	rVB8	1669	3044	0.27%	0.064%
7	6.087	401	402	407	rBV4	748	1000	0.09%	0.021%
8	6.333	448	449	451	rBV	852	557	0.05%	0.012%
9	6.444	468	470	472	rBV3	1103	942	0.08%	0.020%
10	6.507	480	482	485	rVB4	461	471	0.04%	0.010%
11	6.559	490	492	494	rBV2	546	482	0.04%	0.010%
12	6.847	543	547	551	rBV3	825	1010	0.09%	0.021%
13	6.915	556	560	570	rVB8	869	1628	0.15%	0.034%
14	6.999	575	576	580	rBV3	664	523	0.05%	0.011%
15	7.120	595	599	600	rBV3	845	1090	0.10%	0.023%
16	7.319	631	637	641	rBV7	1242	1743	0.16%	0.037%
17	7.550	669	681	702	rBV2	33531	132229	11.83%	2.801%
18	7.802	727	729	733	rVB4	603	559	0.05%	0.012%
19	7.906	747	749	750	rBV	745	501	0.04%	0.011%
20	8.389	838	841	844	rBV2	750	882	0.08%	0.019%
21	8.572	874	876	878	rBV	836	404	0.04%	0.009%
22	8.829	923	925	927	rBV2	447	385	0.03%	0.008%
23	8.924	941	943	947	rVB3	792	762	0.07%	0.016%
24	8.950	947	948	950	rBV2	706	381	0.03%	0.008%
25	8.971	950	952	954	rBV2	833	715	0.06%	0.015%
26	9.018	954	961	963	rBV5	990	1879	0.17%	0.040%
27	9.091	974	975	978	rBV2	866	641	0.06%	0.014%
28	9.186	992	993	1000	rVB2	779	1045	0.09%	0.022%
29	9.296	1010	1014	1016	rBV2	706	764	0.07%	0.016%
30	9.416	1035	1037	1040	rVB2	365	393	0.04%	0.008%
31	9.464	1045	1046	1052	rVB2	418	459	0.04%	0.010%
32	9.589	1058	1070	1087	rBV	183461	410033	36.67%	8.686%
33	9.694	1087	1090	1095	rVB3	735	1023	0.09%	0.022%
34	9.893	1121	1128	1134	rBV5	702	1563	0.14%	0.033%
35	9.967	1136	1142	1151	rVB5	1858	3820	0.34%	0.081%
36	10.119	1167	1171	1175	rVB2	236	387	0.03%	0.008%
37	10.261	1186	1198	1219	rBV	174801	384533	34.39%	8.146%
38	10.381	1219	1221	1225	rVV2	731	778	0.07%	0.016%

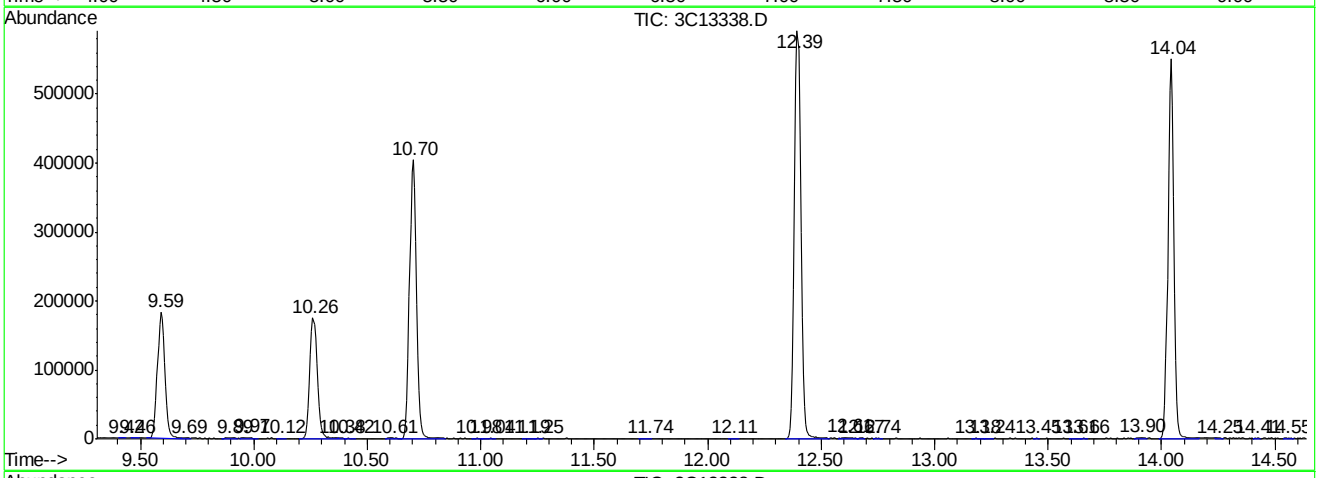
39	10.418	1225	1228	1233	rVB3	366	489	0.04%	0.010%
40	10.612	1259	1265	1272	rBV3	775	1330	0.12%	0.028%
41	10.701	1272	1282	1309	rVV	403669	831635	74.38%	17.616%
42	10.984	1331	1336	1340	rVB3	330	403	0.04%	0.009%
43	11.042	1340	1347	1351	rVB3	334	445	0.04%	0.009%
44	11.194	1374	1376	1384	rVB2	302	384	0.03%	0.008%
45	11.251	1384	1387	1391	rBV	442	600	0.05%	0.013%
46	11.739	1472	1480	1482	rBV	255	538	0.05%	0.011%
47	12.106	1547	1550	1556	rVB2	284	387	0.03%	0.008%
48	12.394	1595	1605	1632	rBV	591281	1118137	100.00%	23.685%
49	12.615	1639	1647	1655	rVV4	1267	3301	0.30%	0.070%
50	12.667	1655	1657	1661	rVB2	352	448	0.04%	0.009%
51	12.740	1669	1671	1676	rVB	473	492	0.04%	0.010%
52	13.181	1752	1755	1762	rVB2	447	735	0.07%	0.016%
53	13.244	1762	1767	1769	rBV2	366	389	0.03%	0.008%
54	13.448	1803	1806	1808	rBV2	488	386	0.03%	0.008%
55	13.611	1834	1837	1843	rVB2	333	571	0.05%	0.012%
56	13.658	1843	1846	1849	rBV3	393	508	0.05%	0.011%
57	13.904	1888	1893	1899	rBV3	1589	2712	0.24%	0.057%
58	14.041	1909	1919	1943	rBV	549868	985610	88.15%	20.878%
59	14.245	1956	1958	1963	rVB2	569	645	0.06%	0.014%
60	14.413	1988	1990	1994	rBV3	376	390	0.03%	0.008%
61	14.549	2013	2016	2022	rBV2	500	701	0.06%	0.015%
62	14.654	2032	2036	2038	rBV3	435	562	0.05%	0.012%
63	14.696	2041	2044	2049	rVB4	376	660	0.06%	0.014%
64	14.890	2079	2081	2085	rBV2	519	420	0.04%	0.009%
65	14.948	2089	2092	2095	rVB3	506	468	0.04%	0.010%
66	14.995	2095	2101	2104	rBV2	429	671	0.06%	0.014%
67	15.100	2118	2121	2122	rBV2	629	409	0.04%	0.009%
68	15.194	2136	2139	2141	rBV2	1375	646	0.06%	0.014%
69	15.320	2154	2163	2182	rBV	433700	752870	67.33%	15.948%
70	15.477	2190	2193	2195	rBV3	698	548	0.05%	0.012%
71	15.561	2206	2209	2213	rVB4	555	689	0.06%	0.015%
72	15.629	2221	2222	2225	rBV	576	490	0.04%	0.010%
73	15.787	2249	2252	2253	rBV2	661	671	0.06%	0.014%
74	15.871	2264	2268	2273	rVB3	723	1027	0.09%	0.022%
75	15.918	2273	2277	2278	rVB3	808	620	0.06%	0.013%
76	15.944	2279	2282	2283	rBV2	861	479	0.04%	0.010%
77	15.960	2283	2285	2290	rVB4	896	851	0.08%	0.018%
78	16.049	2297	2302	2306	rBV4	731	1283	0.11%	0.027%
79	16.086	2307	2309	2312	rVB2	524	455	0.04%	0.010%
80	16.122	2312	2316	2318	rBV4	1104	1386	0.12%	0.029%
81	16.238	2336	2338	2340	rBV2	848	742	0.07%	0.016%
82	16.295	2344	2349	2350	rBV4	539	724	0.06%	0.015%
83	16.353	2357	2360	2361	rBV2	681	414	0.04%	0.009%
84	16.411	2369	2371	2372	rBV2	795	554	0.05%	0.012%
85	16.468	2380	2382	2385	rBV3	550	400	0.04%	0.008%
86	16.494	2385	2387	2389	rVB2	938	696	0.06%	0.015%
87	16.515	2389	2391	2393	rBV2	938	916	0.08%	0.019%
88	16.563	2399	2400	2403	rBV2	556	424	0.04%	0.009%
89	16.641	2412	2415	2416	rVB3	1043	791	0.07%	0.017%
90	16.730	2430	2432	2436	rBV3	565	748	0.07%	0.016%
91	16.882	2457	2461	2465	rBV7	857	1509	0.13%	0.032%
92	16.956	2472	2475	2477	rBV4	686	795	0.07%	0.017%
93	17.134	2505	2509	2513	rBV6	993	1743	0.16%	0.037%
94	17.302	2539	2541	2543	rVB4	743	405	0.04%	0.009%

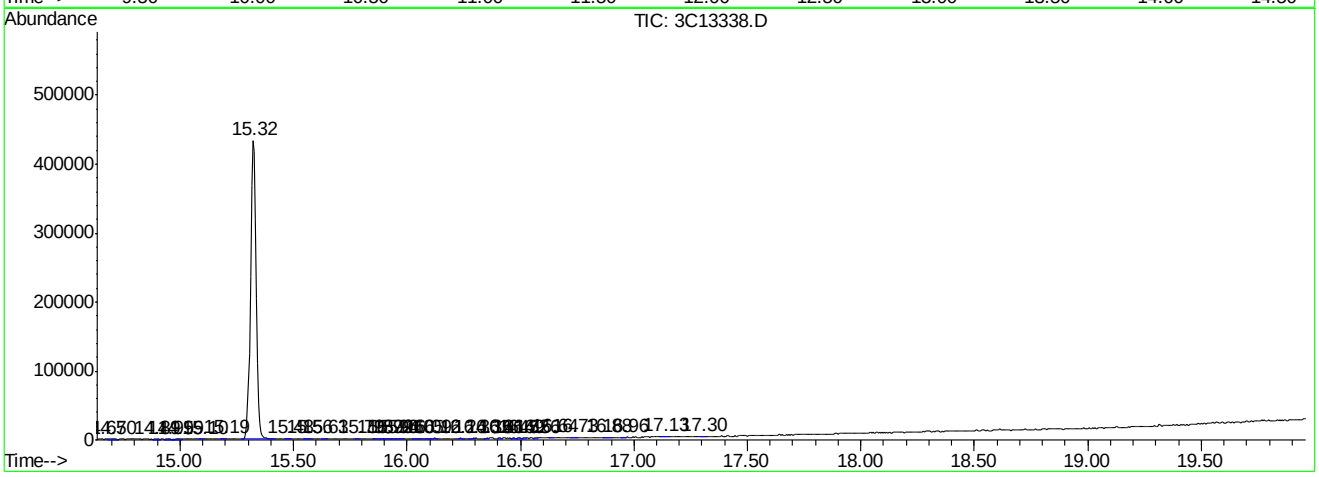
Sum of corrected areas: 4720796

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13338.D
Operator : PINGM
Acquired : 6 May 2006 5:00 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-23
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 10
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 5:00 pm
Data File: C:\MSDCHEM\1\DATA\3C13338.D
Name: J29228-23
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13339.D Vial: 11
Acq On : 6 May 2006 5:29 pm Operator: PINGM
Sample : J29228-24 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 17:52:49 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	64024	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	53895	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	341806	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	307412	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	148481	29.51	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 98.37%			
52) TOLUENE-d8 (SUR)	12.39	98	410659	29.12	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 97.07%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	159949	27.58	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.93%			

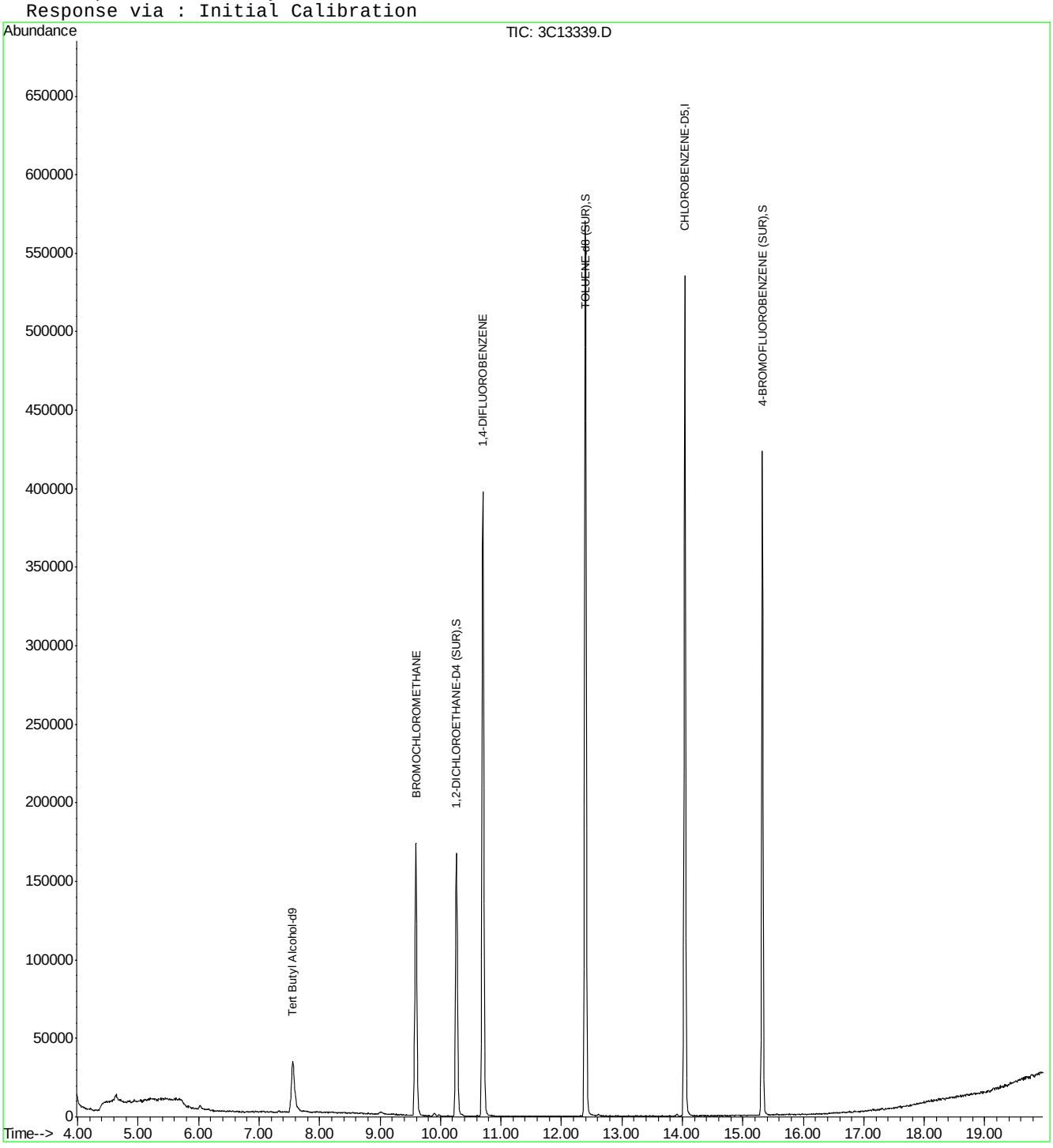
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13339.D Vial: 11
Acq On : 6 May 2006 5:29 pm Operator: PINGM
Sample : J29228-24 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:59 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13339.D Vial: 11
Acq On : 6 May 2006 5:29 pm Operator: PINGM
Sample : J29228-24 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

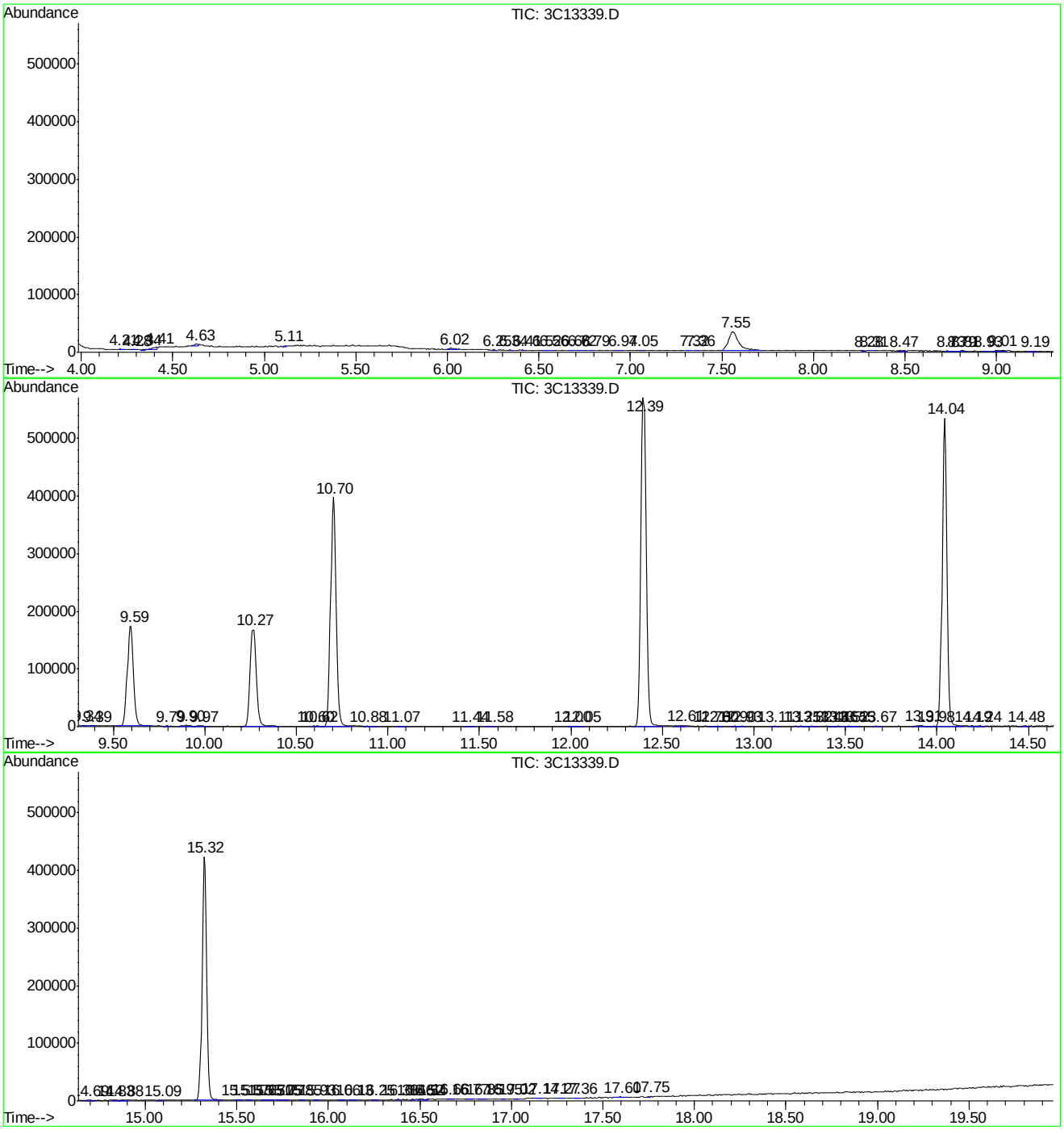
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.210	43	44	49	rVB4	1255	1338	0.12%	0.029%
2	4.283	56	58	60	rBV3	669	621	0.06%	0.014%
3	4.336	66	68	71	rBV4	831	717	0.07%	0.016%
4	4.409	71	82	83	rBV5	4744	11020	1.02%	0.241%
5	4.629	119	124	126	rBV5	3198	4826	0.45%	0.105%
6	5.112	214	216	218	rBV3	1268	1301	0.12%	0.028%
7	6.019	384	389	397	rVB10	2138	4978	0.46%	0.109%
8	6.249	432	433	436	rVB3	798	469	0.04%	0.010%
9	6.339	449	450	454	rBV4	605	708	0.07%	0.015%
10	6.412	463	464	466	rBV2	752	403	0.04%	0.009%
11	6.522	484	485	488	rBV2	751	511	0.05%	0.011%
12	6.559	489	492	495	rVB4	578	730	0.07%	0.016%
13	6.679	512	515	517	rVB3	589	444	0.04%	0.010%
14	6.716	521	522	528	rVB4	926	1237	0.11%	0.027%
15	6.789	533	536	537	rBV3	505	419	0.04%	0.009%
16	6.936	560	564	566	rBV3	645	761	0.07%	0.017%
17	7.052	585	586	589	rBV3	880	800	0.07%	0.017%
18	7.324	634	638	639	rBV3	695	690	0.06%	0.015%
19	7.361	643	645	647	rBV2	662	443	0.04%	0.010%
20	7.555	670	682	712	rBV2	32361	131042	12.11%	2.864%
21	8.278	817	820	821	rVB2	681	487	0.05%	0.011%
22	8.310	824	826	830	rBV2	610	640	0.06%	0.014%
23	8.473	855	857	863	rVB3	641	756	0.07%	0.017%
24	8.729	905	906	912	rVB3	556	756	0.07%	0.017%
25	8.787	913	917	918	rVV3	541	651	0.06%	0.014%
26	8.808	920	921	925	rVB2	769	748	0.07%	0.016%
27	8.934	942	945	949	rBV3	549	620	0.06%	0.014%
28	9.013	953	960	968	rBV6	1341	3903	0.36%	0.085%
29	9.191	990	994	999	rBV5	547	943	0.09%	0.021%
30	9.338	1020	1022	1026	rVB4	548	591	0.05%	0.013%
31	9.390	1029	1032	1034	rBV2	439	425	0.04%	0.009%
32	9.595	1056	1071	1092	rVB	173521	401815	37.13%	8.781%
33	9.794	1105	1109	1112	rVB	365	380	0.04%	0.008%
34	9.899	1120	1129	1137	rVB2	1940	4687	0.43%	0.102%
35	9.972	1137	1143	1150	rBV5	893	1774	0.16%	0.039%
36	10.266	1187	1199	1225	rBV	167341	375271	34.68%	8.201%
37	10.596	1260	1262	1264	rBV	568	493	0.05%	0.011%
38	10.617	1264	1266	1271	rBV3	476	446	0.04%	0.010%

39	10.701	1271	1282	1300	rBV	397459	811366	74.98%	17.731%
40	10.884	1314	1317	1327	rVB3	412	763	0.07%	0.017%
41	11.068	1348	1352	1358	rVB2	260	418	0.04%	0.009%
42	11.440	1418	1423	1429	rBV2	161	456	0.04%	0.010%
43	11.576	1441	1449	1450	rVB3	288	412	0.04%	0.009%
44	12.001	1526	1530	1534	rVB2	329	405	0.04%	0.009%
45	12.054	1534	1540	1542	rBV	403	489	0.05%	0.011%
46	12.394	1596	1605	1625	rBV	570496	1082127	100.00%	23.648%
47	12.615	1637	1647	1650	rBV3	1286	2673	0.25%	0.058%
48	12.761	1673	1675	1681	rVB2	411	563	0.05%	0.012%
49	12.803	1681	1683	1687	rBV2	511	433	0.04%	0.009%
50	12.898	1697	1701	1703	rVB2	400	426	0.04%	0.009%
51	12.934	1703	1708	1711	rVB2	547	698	0.06%	0.015%
52	13.113	1738	1742	1744	rBV	453	391	0.04%	0.009%
53	13.254	1766	1769	1776	rVB2	314	404	0.04%	0.009%
54	13.317	1776	1781	1786	rBV2	384	453	0.04%	0.010%
55	13.411	1798	1799	1805	rVB2	502	765	0.07%	0.017%
56	13.459	1805	1808	1810	rBV	523	497	0.05%	0.011%
57	13.516	1814	1819	1824	rVB3	531	767	0.07%	0.017%
58	13.553	1824	1826	1830	rBV2	342	484	0.04%	0.011%
59	13.668	1844	1848	1851	rBV3	495	526	0.05%	0.011%
60	13.915	1885	1895	1900	rBV5	1394	2799	0.26%	0.061%
61	13.983	1900	1908	1909	rBV3	339	583	0.05%	0.013%
62	14.041	1909	1919	1939	rBV	534992	957426	88.48%	20.923%
63	14.187	1944	1947	1952	rBV2	535	899	0.08%	0.020%
64	14.240	1952	1957	1961	rBV2	303	516	0.05%	0.011%
65	14.481	1999	2003	2006	rBV3	379	503	0.05%	0.011%
66	14.691	2040	2043	2048	rBV3	382	588	0.05%	0.013%
67	14.832	2067	2070	2075	rVB2	555	623	0.06%	0.014%
68	14.879	2075	2079	2084	rBV3	453	824	0.08%	0.018%
69	15.089	2114	2119	2120	rBV3	577	678	0.06%	0.015%
70	15.320	2153	2163	2182	rBV	423200	725292	67.02%	15.850%
71	15.509	2196	2199	2203	rBV3	513	523	0.05%	0.011%
72	15.566	2207	2210	2213	rBV3	810	619	0.06%	0.014%
73	15.650	2223	2226	2229	rVB2	522	558	0.05%	0.012%
74	15.697	2229	2235	2236	rVB3	527	683	0.06%	0.015%
75	15.750	2239	2245	2247	rVB4	657	1047	0.10%	0.023%
76	15.766	2247	2248	2251	rBV2	870	535	0.05%	0.012%
77	15.855	2262	2265	2268	rVB2	540	424	0.04%	0.009%
78	15.933	2277	2280	2283	rVB3	592	651	0.06%	0.014%
79	16.064	2303	2305	2309	rBV2	396	453	0.04%	0.010%
80	16.133	2314	2318	2322	rVB4	775	879	0.08%	0.019%
81	16.253	2338	2341	2344	rBV2	563	636	0.06%	0.014%
82	16.379	2363	2365	2368	rBV4	643	577	0.05%	0.013%
83	16.463	2378	2381	2382	rVB2	702	410	0.04%	0.009%
84	16.521	2386	2392	2394	rBV5	689	1271	0.12%	0.028%
85	16.536	2394	2395	2397	rBV2	679	465	0.04%	0.010%
86	16.657	2416	2418	2423	rVB5	562	480	0.04%	0.010%
87	16.767	2436	2439	2443	rBV5	921	1025	0.09%	0.022%
88	16.846	2449	2454	2457	rBV6	918	1513	0.14%	0.033%
89	16.950	2473	2474	2477	rBV3	724	664	0.06%	0.015%
90	17.024	2486	2488	2490	rBV3	728	812	0.08%	0.018%
91	17.144	2508	2511	2516	rBV5	665	1008	0.09%	0.022%
92	17.265	2532	2534	2538	rBV5	1004	1623	0.15%	0.035%
93	17.359	2549	2552	2554	rBV3	889	788	0.07%	0.017%
94	17.595	2589	2597	2603	rVB6	1308	2445	0.23%	0.053%
95	17.753	2624	2627	2628	rBV3	1247	784	0.07%	0.017%

Sum of corrected areas: 4575964

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13339.D
Operator : PINGM
Acquired : 6 May 2006 5:29 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-24
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 11
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 5:29 pm
Data File: C:\MSDCHEM\1\DATA\3C13339.D
Name: J29228-24
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13340.D Vial: 12
Acq On : 6 May 2006 5:58 pm Operator: PINGM
Sample : J29228-25 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 18:21:57 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	61983	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	52248	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	327066	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	297886	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	146928	30.13	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 100.43%			
52) TOLUENE-d8 (SUR)	12.39	98	398145	29.50	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.33%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	156440	27.83	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.77%			

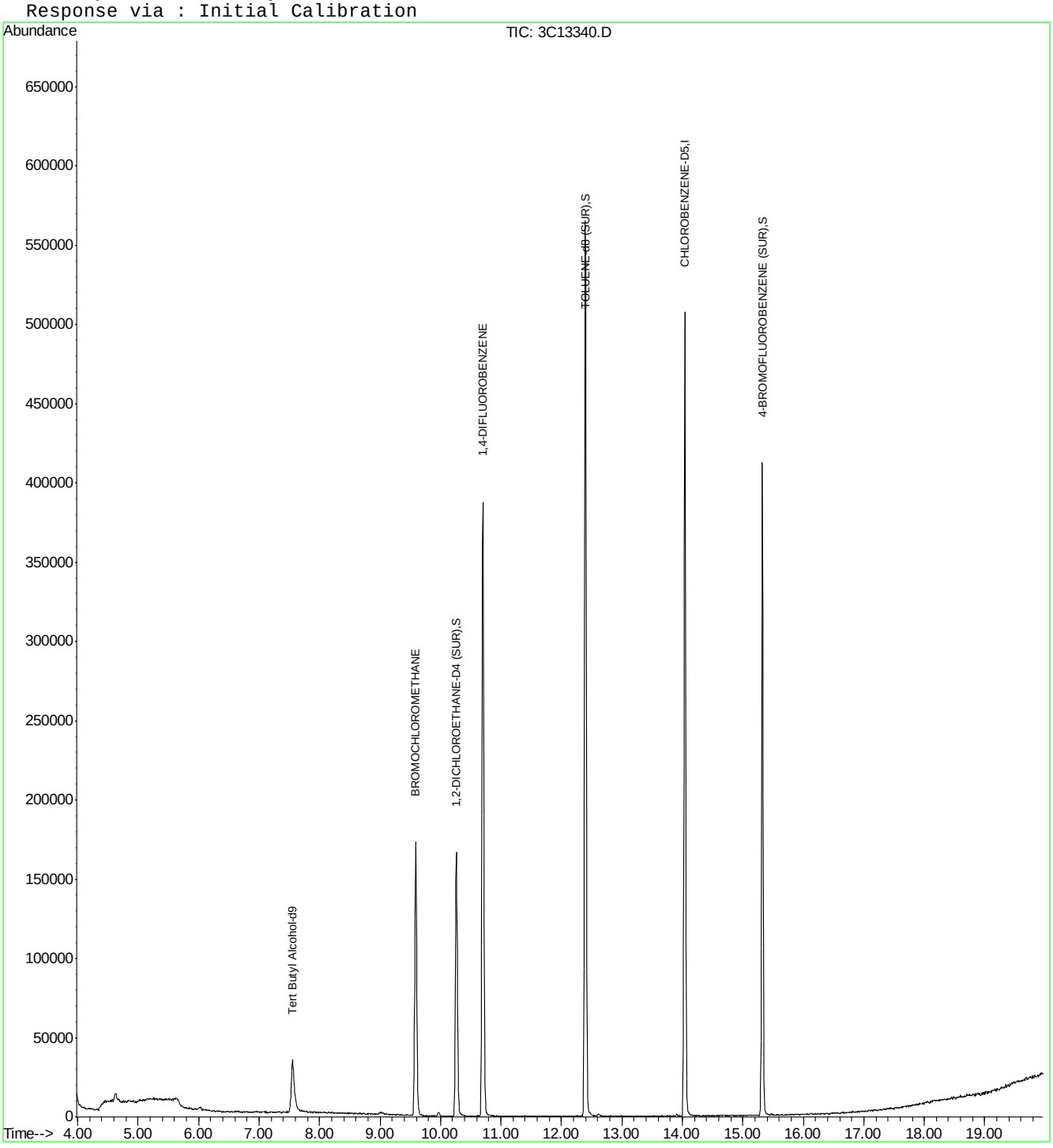
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13340.D Vial: 12
Acq On : 6 May 2006 5:58 pm Operator: PINGM
Sample : J29228-25 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:00 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13340.D Vial: 12
Acq On : 6 May 2006 5:58 pm Operator: PINGM
Sample : J29228-25 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

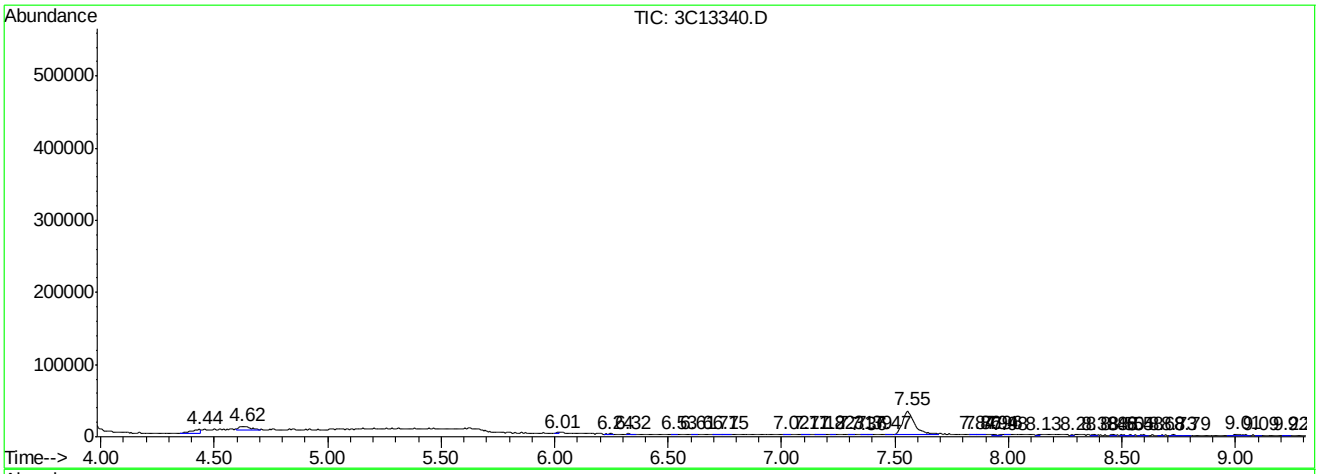
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.435	71	87	88	rBV7	6255	19966	1.89%	0.445%
2	4.624	118	123	138	rVB7	5078	16598	1.57%	0.370%
3	6.013	385	388	389	rBV3	872	749	0.07%	0.017%
4	6.244	427	432	434	rBV5	875	1255	0.12%	0.028%
5	6.323	446	447	453	rVB4	884	1098	0.10%	0.024%
6	6.527	483	486	488	rBV3	686	821	0.08%	0.018%
7	6.611	500	502	505	rBV3	800	759	0.07%	0.017%
8	6.711	518	521	525	rVB4	645	668	0.06%	0.015%
9	6.753	526	529	533	rVB4	473	767	0.07%	0.017%
10	7.020	578	580	583	rVB3	565	388	0.04%	0.009%
11	7.109	593	597	599	rBV3	1058	971	0.09%	0.022%
12	7.177	604	610	612	rBV5	806	1320	0.12%	0.029%
13	7.225	617	619	621	rBV3	646	510	0.05%	0.011%
14	7.309	632	635	637	rBV3	807	673	0.06%	0.015%
15	7.361	643	645	647	rVB2	502	452	0.04%	0.010%
16	7.387	648	650	652	rBV3	453	391	0.04%	0.009%
17	7.471	663	666	669	rBV3	1081	858	0.08%	0.019%
18	7.555	671	682	708	rVV	33300	125029	11.83%	2.787%
19	7.838	734	736	739	rVB2	603	576	0.05%	0.013%
20	7.864	740	741	747	rVB3	735	1021	0.10%	0.023%
21	7.938	753	755	758	rVB3	1333	1197	0.11%	0.027%
22	7.959	758	759	761	rBV2	1259	814	0.08%	0.018%
23	7.985	763	764	768	rVV4	574	619	0.06%	0.014%
24	8.132	790	792	793	rBV2	642	518	0.05%	0.012%
25	8.284	819	821	822	rBV	1004	643	0.06%	0.014%
26	8.378	836	839	841	rBV3	570	596	0.06%	0.013%
27	8.462	852	855	857	rVB2	806	808	0.08%	0.018%
28	8.499	860	862	867	rVV4	615	763	0.07%	0.017%
29	8.535	867	869	872	rVB2	612	410	0.04%	0.009%
30	8.583	875	878	884	rBV6	617	907	0.09%	0.020%
31	8.677	892	896	897	rBV3	690	683	0.06%	0.015%
32	8.729	902	906	913	rVV5	712	1150	0.11%	0.026%
33	8.787	914	917	920	rBV3	618	580	0.05%	0.013%
34	9.012	951	960	970	rBV3	1449	4219	0.40%	0.094%
35	9.091	974	975	979	rVB3	643	436	0.04%	0.010%
36	9.222	997	1000	1003	rVB3	351	408	0.04%	0.009%
37	9.285	1011	1012	1018	rVV4	540	540	0.05%	0.012%
38	9.338	1018	1022	1025	rVB2	578	675	0.06%	0.015%

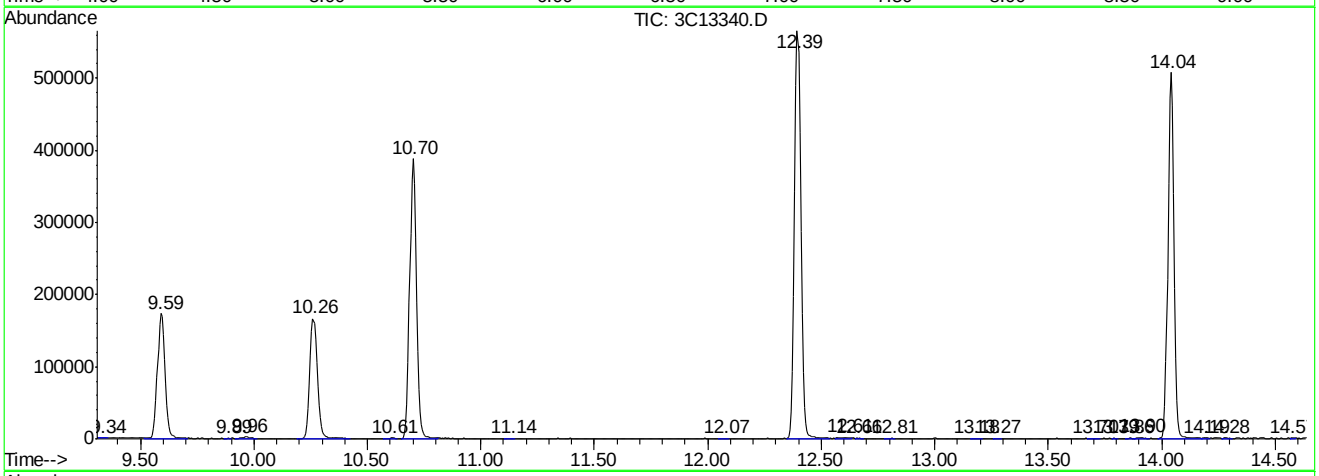
39	9.589	1056	1070	1092	rVB	173130	396704	37.53%	8.841%
40	9.888	1123	1127	1129	rBV2	571	409	0.04%	0.009%
41	9.961	1133	1141	1150	rVB4	2444	5518	0.52%	0.123%
42	10.260	1184	1198	1229	rVB	166331	370815	35.08%	8.264%
43	10.612	1257	1265	1268	rBV	663	689	0.07%	0.015%
44	10.701	1272	1282	1303	rBV	387540	789726	74.71%	17.601%
45	11.136	1359	1365	1367	rBV2	317	426	0.04%	0.009%
46	12.074	1539	1544	1547	rBV2	256	403	0.04%	0.009%
47	12.394	1596	1605	1632	rVB	565259	1057052	100.00%	23.558%
48	12.614	1637	1647	1651	rVV2	1425	3397	0.32%	0.076%
49	12.656	1654	1655	1660	rVB	470	509	0.05%	0.011%
50	12.814	1678	1685	1687	rBV2	393	388	0.04%	0.009%
51	13.175	1751	1754	1760	rVB2	238	397	0.04%	0.009%
52	13.270	1769	1772	1776	rBV	307	396	0.04%	0.009%
53	13.700	1849	1854	1859	rBV3	214	397	0.04%	0.009%
54	13.789	1869	1871	1874	rVB2	475	411	0.04%	0.009%
55	13.857	1881	1884	1888	rVB3	372	453	0.04%	0.010%
56	13.904	1888	1893	1900	rBV2	1413	2554	0.24%	0.057%
57	14.041	1908	1919	1945	rBV	507092	931956	88.17%	20.770%
58	14.187	1945	1947	1951	rBV2	482	522	0.05%	0.012%
59	14.277	1962	1964	1970	rVB4	547	545	0.05%	0.012%
60	14.570	2019	2020	2024	rBV2	405	452	0.04%	0.010%
61	14.644	2029	2034	2037	rBV3	485	586	0.06%	0.013%
62	14.801	2060	2064	2066	rBV2	422	503	0.05%	0.011%
63	15.047	2105	2111	2113	rVB2	425	436	0.04%	0.010%
64	15.084	2113	2118	2119	rBV4	328	389	0.04%	0.009%
65	15.320	2154	2163	2184	rBV	412080	710653	67.23%	15.838%
66	15.472	2186	2192	2193	rBV2	784	672	0.06%	0.015%
67	15.634	2220	2223	2225	rBV2	581	475	0.04%	0.011%
68	15.729	2238	2241	2245	rBV3	684	740	0.07%	0.016%
69	15.771	2245	2249	2252	rVB2	518	806	0.08%	0.018%
70	15.865	2264	2267	2268	rBV3	426	383	0.04%	0.009%
71	16.070	2303	2306	2308	rVB2	669	521	0.05%	0.012%
72	16.138	2308	2319	2324	rBV4	1038	2971	0.28%	0.066%
73	16.290	2345	2348	2350	rBV3	616	596	0.06%	0.013%
74	16.431	2372	2375	2377	rBV3	720	803	0.08%	0.018%
75	16.468	2377	2382	2383	rVV2	697	797	0.08%	0.018%
76	16.500	2384	2388	2390	rVV3	566	606	0.06%	0.014%
77	16.631	2408	2413	2415	rBV3	920	1222	0.12%	0.027%
78	16.699	2424	2426	2427	rBV2	842	586	0.06%	0.013%
79	16.762	2435	2438	2442	rBV4	779	740	0.07%	0.016%
80	16.872	2458	2459	2463	rBV3	584	606	0.06%	0.014%
81	16.898	2463	2464	2470	rVB5	972	1336	0.13%	0.030%
82	16.956	2472	2475	2479	rBV3	1194	1754	0.17%	0.039%
83	17.066	2494	2496	2498	rBV3	775	789	0.07%	0.018%
84	17.150	2511	2512	2517	rBV4	1026	1472	0.14%	0.033%
85	17.386	2555	2557	2559	rBV2	1171	931	0.09%	0.021%
86	17.428	2563	2565	2567	rVV3	749	621	0.06%	0.014%

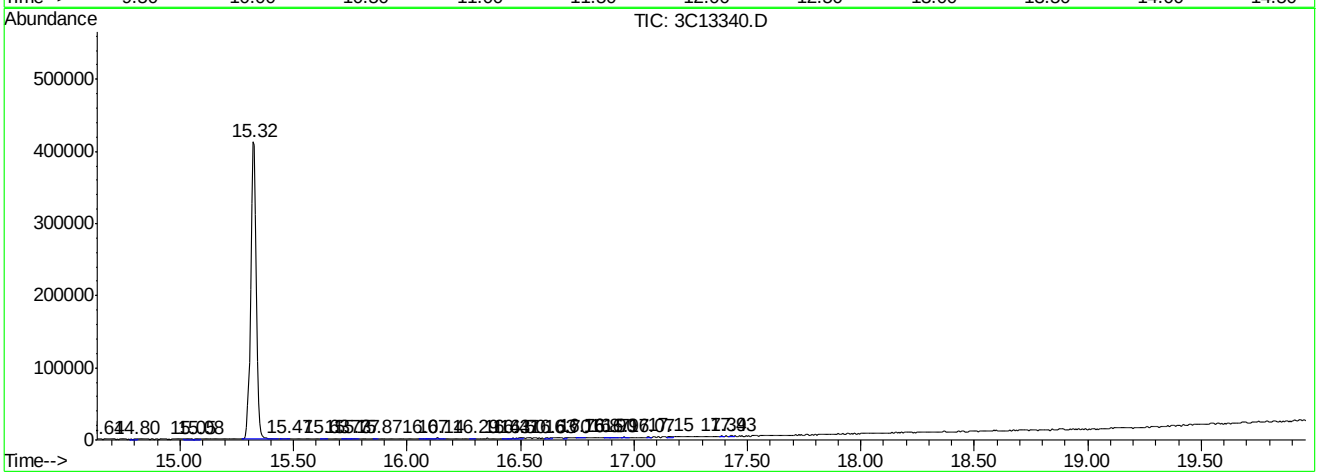
Sum of corrected areas: 4486949

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13340.D
Operator : PINGM
Acquired : 6 May 2006 5:58 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-25
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 12
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 5:58 pm
Data File: C:\MSDCHEM\1\DATA\3C13340.D
Name: J29228-25
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13341.D Vial: 13
Acq On : 6 May 2006 6:27 pm Operator: PINGM
Sample : J29228-26 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 18:51:06 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	60030	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	51026	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	317354	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	286002	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	143163	30.06	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 100.20%			
52) TOLUENE-d8 (SUR)	12.39	98	385319	29.42	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.07%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	149286	27.66	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.20%			

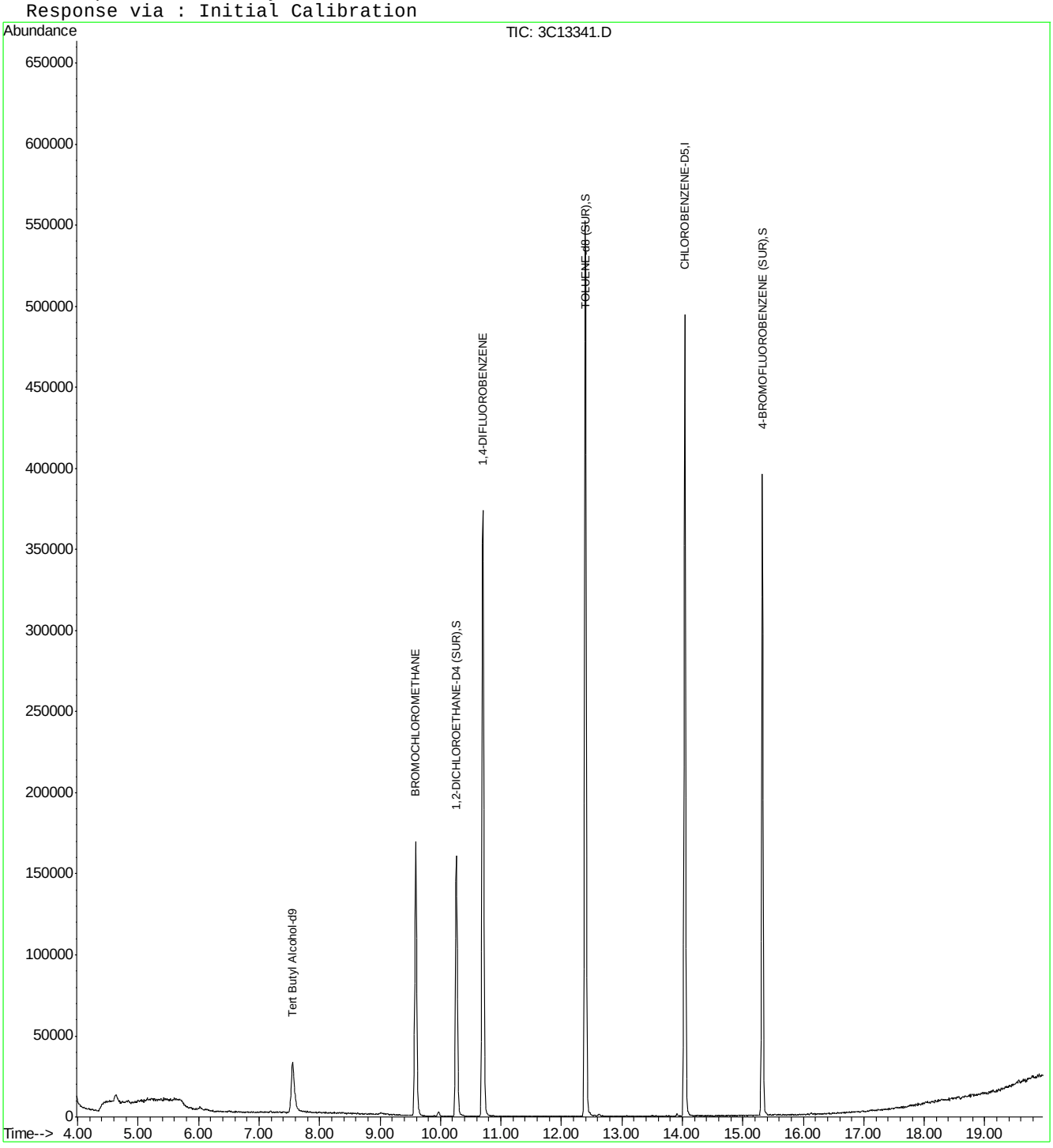
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13341.D Vial: 13
Acq On : 6 May 2006 6:27 pm Operator: PINGM
Sample : J29228-26 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:00 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13341.D Vial: 13
Acq On : 6 May 2006 6:27 pm Operator: PINGM
Sample : J29228-26 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.404	71	81	82	rBV5	4099	8484	0.83%	0.195%
2	4.629	117	124	134	rVB8	4316	13362	1.31%	0.307%
3	4.991	192	193	198	rBV5	1381	1983	0.19%	0.046%
4	5.154	213	224	227	rBV5	2827	7068	0.69%	0.163%
5	6.019	385	389	399	rVB8	2081	4955	0.48%	0.114%
6	6.171	416	418	426	rVV6	849	1089	0.11%	0.025%
7	6.234	429	430	433	rBV3	789	467	0.05%	0.011%
8	6.297	439	442	445	rBV4	722	653	0.06%	0.015%
9	6.333	448	449	452	rBV2	738	530	0.05%	0.012%
10	6.622	503	504	508	rBV2	565	519	0.05%	0.012%
11	6.716	520	522	525	rBV3	930	766	0.07%	0.018%
12	6.852	545	548	551	rVB4	639	722	0.07%	0.017%
13	6.873	551	552	556	rBV2	652	681	0.07%	0.016%
14	6.900	556	557	562	rVB4	709	687	0.07%	0.016%
15	6.942	562	565	567	rBV3	585	579	0.06%	0.013%
16	6.984	572	573	576	rBV3	527	429	0.04%	0.010%
17	7.188	609	612	617	rBV4	962	1006	0.10%	0.023%
18	7.298	629	633	636	rBV5	761	1096	0.11%	0.025%
19	7.555	669	682	706	rBV	30855	120332	11.76%	2.767%
20	7.796	726	728	731	rVB2	916	572	0.06%	0.013%
21	8.001	766	767	774	rVB3	605	853	0.08%	0.020%
22	8.069	778	780	784	rVB3	537	589	0.06%	0.014%
23	8.179	798	801	804	rBV4	613	725	0.07%	0.017%
24	8.368	834	837	839	rBV2	634	753	0.07%	0.017%
25	8.436	845	850	852	rVB4	790	855	0.08%	0.020%
26	8.520	864	866	870	rVB4	832	661	0.06%	0.015%
27	8.546	870	871	875	rBV3	760	717	0.07%	0.016%
28	8.630	884	887	891	rVB3	997	861	0.08%	0.020%
29	8.834	923	926	930	rVB2	701	811	0.08%	0.019%
30	8.887	934	936	941	rVB3	542	571	0.06%	0.013%
31	8.934	943	945	951	rVB3	772	644	0.06%	0.015%
32	9.018	951	961	964	rBV2	1322	2807	0.27%	0.065%
33	9.123	979	981	986	rVB3	942	1089	0.11%	0.025%
34	9.159	986	988	991	rBV2	571	472	0.05%	0.011%
35	9.212	996	998	1003	rVB2	515	534	0.05%	0.012%
36	9.285	1011	1012	1015	rBV2	659	396	0.04%	0.009%
37	9.327	1016	1020	1023	rVB2	499	656	0.06%	0.015%
38	9.385	1027	1031	1035	rBV2	391	557	0.05%	0.013%

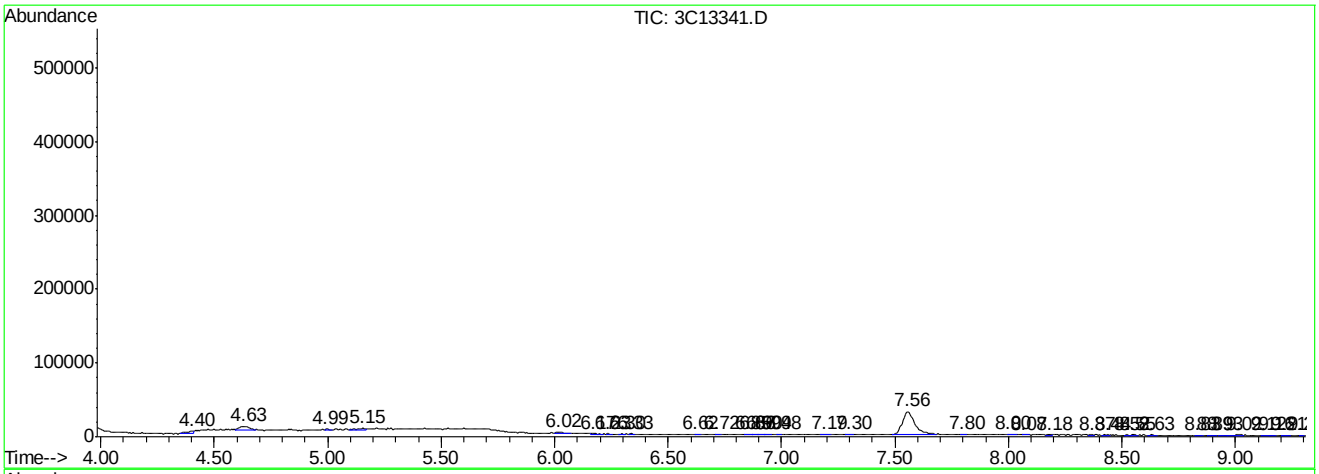
39	9.500	1050	1053	1058	rVB3	428	517	0.05%	0.012%
40	9.589	1058	1070	1096	rVB	169381	387818	37.89%	8.916%
41	9.893	1123	1128	1131	rBV3	549	701	0.07%	0.016%
42	9.972	1134	1143	1152	rVB6	2540	6143	0.60%	0.141%
43	10.266	1186	1199	1219	rBV	160916	359899	35.16%	8.275%
44	10.376	1219	1220	1229	rVB3	788	1098	0.11%	0.025%
45	10.538	1246	1251	1254	rBV2	365	392	0.04%	0.009%
46	10.701	1270	1282	1305	rBV	373790	768063	75.04%	17.659%
47	11.026	1341	1344	1347	rVB2	379	382	0.04%	0.009%
48	11.440	1420	1423	1429	rVB2	221	408	0.04%	0.009%
49	11.477	1429	1430	1436	rBV2	293	465	0.05%	0.011%
50	11.687	1464	1470	1477	rVB3	275	472	0.05%	0.011%
51	12.017	1528	1533	1536	rBV2	389	422	0.04%	0.010%
52	12.394	1594	1605	1630	rBV	552480	1023509	100.00%	23.532%
53	12.536	1630	1632	1638	rVV3	664	903	0.09%	0.021%
54	12.615	1638	1647	1657	rVB2	985	2930	0.29%	0.067%
55	12.725	1663	1668	1671	rBV3	355	481	0.05%	0.011%
56	12.751	1671	1673	1676	rVB	427	397	0.04%	0.009%
57	13.218	1758	1762	1765	rBV	322	431	0.04%	0.010%
58	13.443	1802	1805	1810	rVB2	318	478	0.05%	0.011%
59	13.516	1816	1819	1822	rBV2	443	415	0.04%	0.010%
60	13.910	1887	1894	1900	rBV4	1547	2234	0.22%	0.051%
61	14.041	1909	1919	1945	rBV	494362	901322	88.06%	20.722%
62	14.518	2008	2010	2014	rVB2	329	448	0.04%	0.010%
63	14.549	2014	2016	2019	rBV	575	597	0.06%	0.014%
64	14.596	2023	2025	2029	rBV3	569	701	0.07%	0.016%
65	15.000	2101	2102	2108	rVB2	401	529	0.05%	0.012%
66	15.058	2108	2113	2116	rBV3	466	598	0.06%	0.014%
67	15.100	2116	2121	2123	rBV2	542	544	0.05%	0.013%
68	15.320	2154	2163	2184	rBV	395590	683655	66.80%	15.718%
69	15.446	2186	2187	2194	rBV3	535	861	0.08%	0.020%
70	15.614	2218	2219	2225	rVB4	509	564	0.06%	0.013%
71	15.661	2225	2228	2230	rBV3	473	508	0.05%	0.012%
72	15.975	2285	2288	2291	rVB2	525	646	0.06%	0.015%
73	16.007	2291	2294	2299	rBV3	744	810	0.08%	0.019%
74	16.049	2299	2302	2304	rBV	394	500	0.05%	0.011%
75	16.075	2306	2307	2312	rVB4	727	752	0.07%	0.017%
76	16.138	2312	2319	2321	rBV3	1286	2332	0.23%	0.054%
77	16.180	2325	2327	2330	rVB2	912	800	0.08%	0.018%
78	16.201	2330	2331	2334	rBV	737	525	0.05%	0.012%
79	16.227	2334	2336	2337	rBV	751	461	0.05%	0.011%
80	16.290	2344	2348	2351	rBV3	603	783	0.08%	0.018%
81	16.400	2366	2369	2371	rBV3	583	608	0.06%	0.014%
82	16.447	2376	2378	2380	rBV2	519	465	0.05%	0.011%
83	16.568	2398	2401	2403	rBV3	513	684	0.07%	0.016%
84	16.709	2426	2428	2435	rBV4	635	983	0.10%	0.023%
85	16.757	2435	2437	2439	rBV3	640	635	0.06%	0.015%
86	16.799	2443	2445	2448	rBV3	554	640	0.06%	0.015%
87	16.825	2448	2450	2453	rBV4	725	712	0.07%	0.016%
88	16.982	2476	2480	2485	rVB4	667	1247	0.12%	0.029%
89	17.019	2485	2487	2492	rBV5	524	930	0.09%	0.021%
90	17.061	2492	2495	2496	rBV4	506	439	0.04%	0.010%
91	17.118	2505	2506	2509	rBV3	744	724	0.07%	0.017%
92	17.234	2525	2528	2530	rBV3	944	554	0.05%	0.013%
93	17.323	2542	2545	2547	rBV4	685	818	0.08%	0.019%
94	17.407	2559	2561	2564	rBV4	1134	1277	0.12%	0.029%
95	17.664	2607	2610	2611	rBV3	982	800	0.08%	0.018%

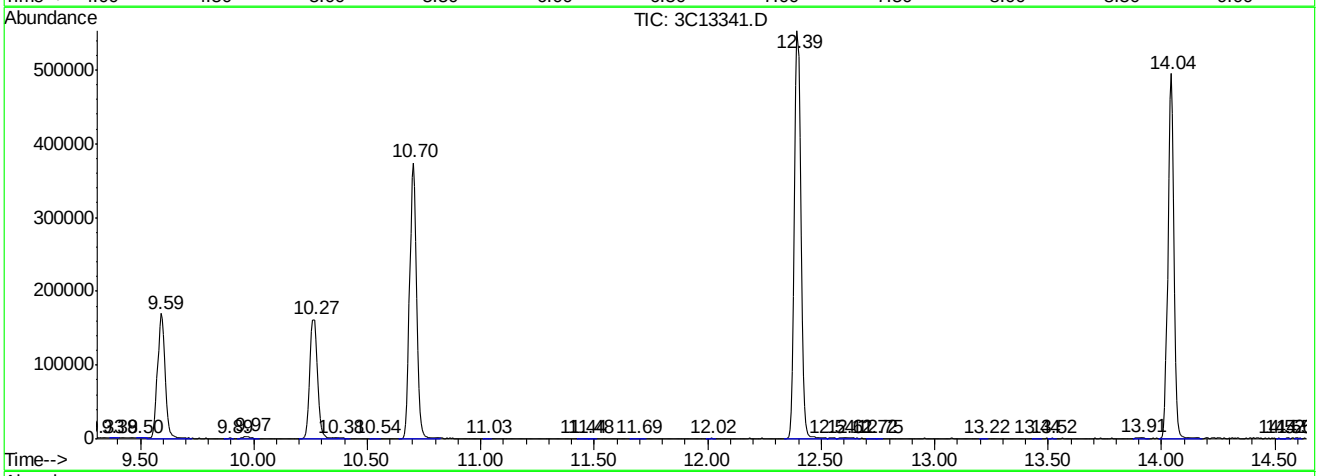
96	17.978	2669	2670	2673	rBV3	1154	954	0.09%	0.022%

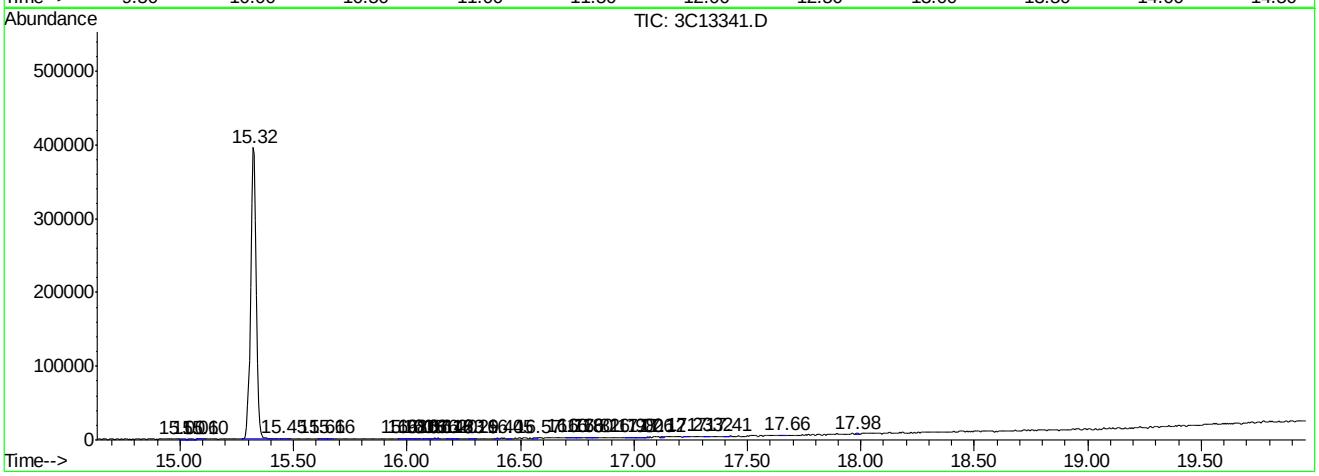
Sum of corrected areas: 4349495

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13341.D
Operator : PINGM
Acquired : 6 May 2006 6:27 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-26
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 13
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 6:27 pm
Data File: C:\MSDCHEM\1\DATA\3C13341.D
Name: J29228-26
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13342.D Vial: 14
Acq On : 6 May 2006 6:56 pm Operator: PINGM
Sample : J29228-27 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 19:19:50 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	58588	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	49023	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	307872	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	278225	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	142302	31.10	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 103.67%			
52) TOLUENE-d8 (SUR)	12.39	98	375689	29.57	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.57%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	144391	27.50	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.67%			

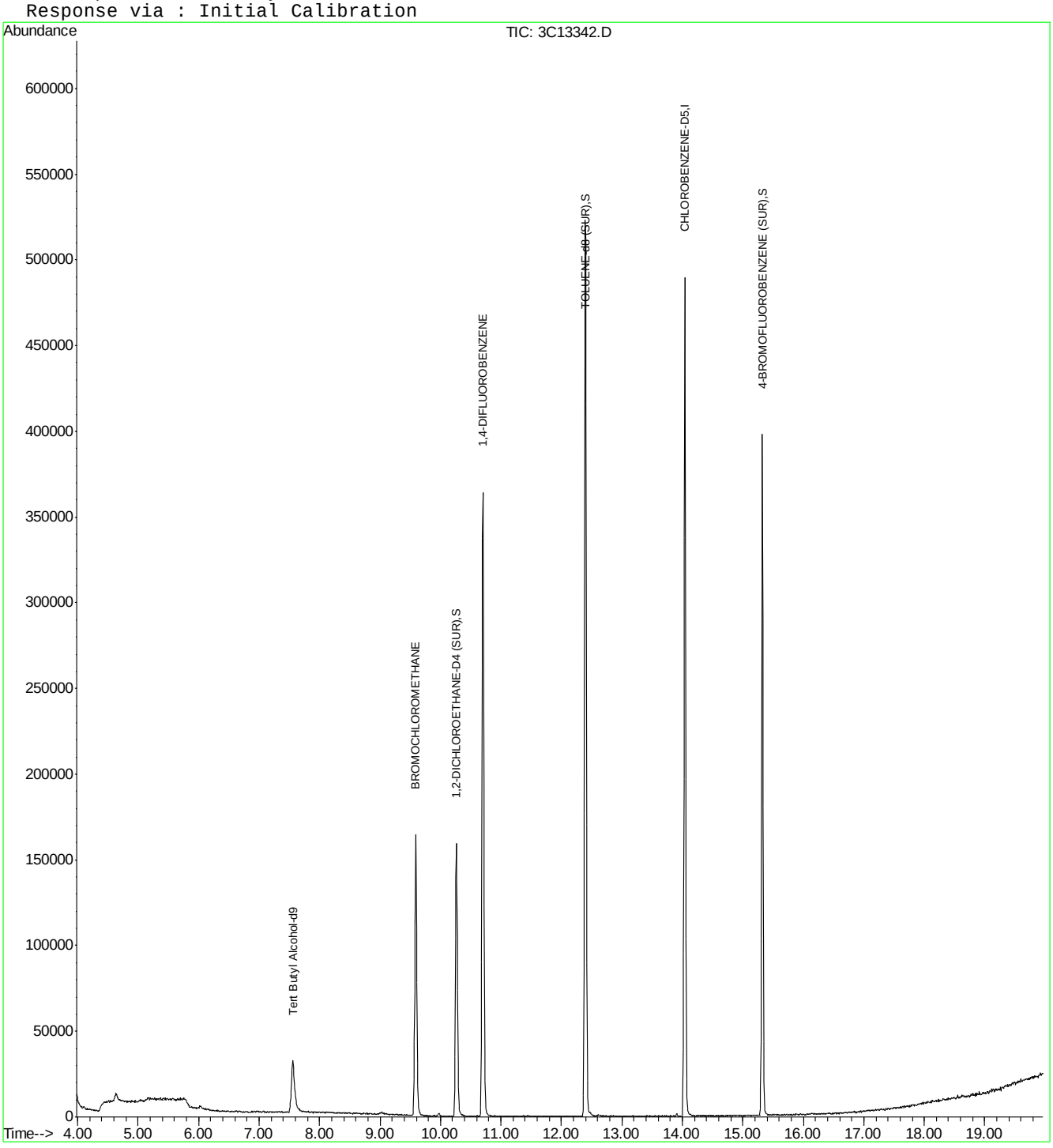
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13342.D Vial: 14
Acq On : 6 May 2006 6:56 pm Operator: PINGM
Sample : J29228-27 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:00 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13342.D Vial: 14
Acq On : 6 May 2006 6:56 pm Operator: PINGM
Sample : J29228-27 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

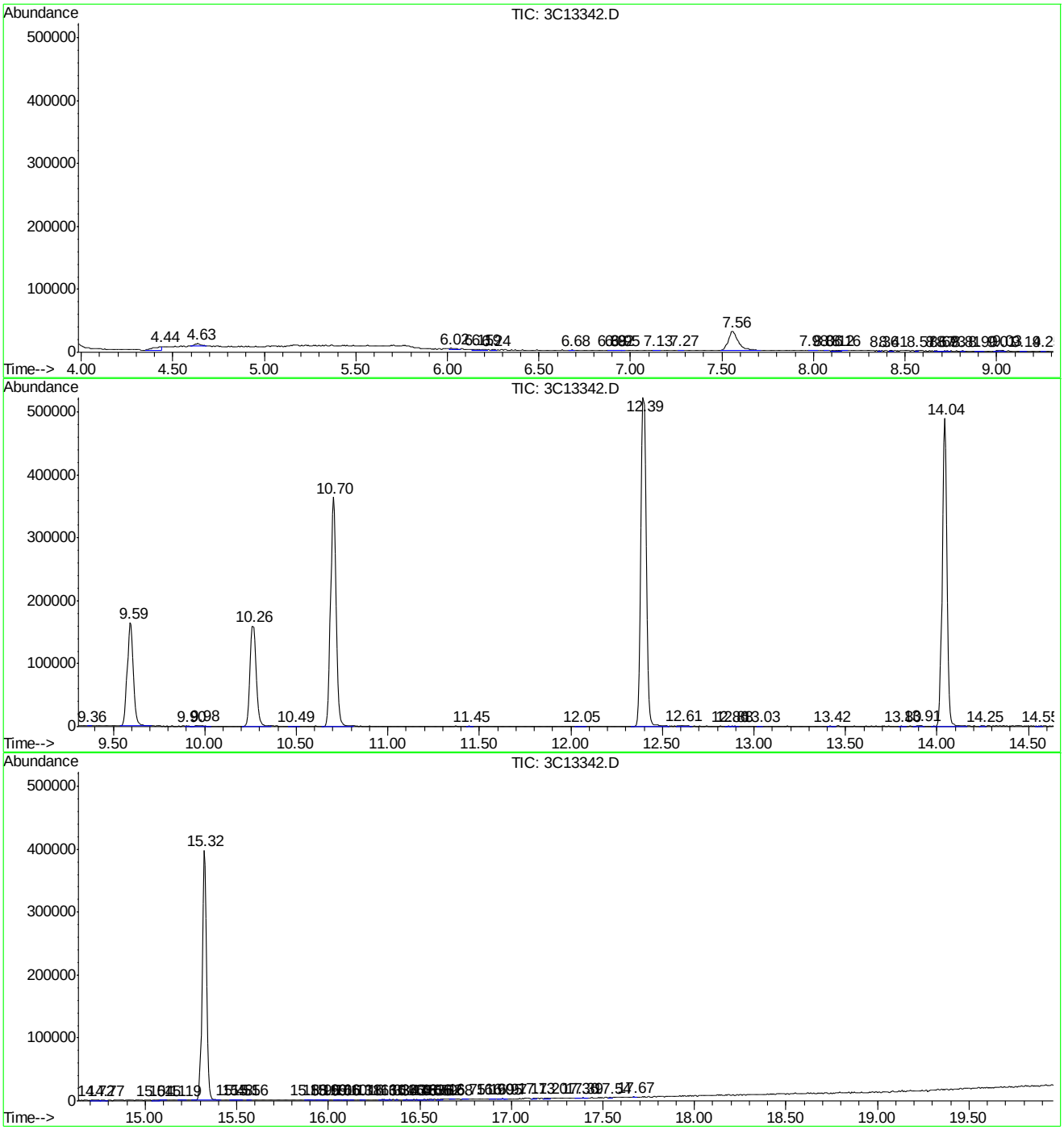
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.435	71	87	88	rBV6	5456	18067	1.81%	0.428%
2	4.635	118	125	134	rBV5	4338	10302	1.03%	0.244%
3	6.019	387	389	399	rVB7	2294	4050	0.41%	0.096%
4	6.150	411	414	420	rVB6	1224	2370	0.24%	0.056%
5	6.192	421	422	427	rVV3	794	859	0.09%	0.020%
6	6.244	431	432	436	rVB3	496	443	0.04%	0.010%
7	6.679	512	515	517	rBV3	752	432	0.04%	0.010%
8	6.879	552	553	557	rBV4	1028	946	0.09%	0.022%
9	6.915	558	560	566	rVB5	847	1349	0.13%	0.032%
10	6.952	566	567	570	rBV3	844	806	0.08%	0.019%
11	7.130	599	601	607	rVB5	555	824	0.08%	0.020%
12	7.272	626	628	631	rBV4	412	507	0.05%	0.012%
13	7.560	670	683	711	rBV2	30006	118708	11.88%	2.810%
14	7.980	761	763	771	rBV5	496	950	0.10%	0.022%
15	8.058	777	778	782	rBV	642	477	0.05%	0.011%
16	8.121	785	790	796	rBV4	1009	1705	0.17%	0.040%
17	8.158	796	797	802	rBV4	642	786	0.08%	0.019%
18	8.362	834	836	838	rBV3	830	665	0.07%	0.016%
19	8.415	845	846	850	rBV4	613	700	0.07%	0.017%
20	8.567	872	875	876	rBV3	618	670	0.07%	0.016%
21	8.672	892	895	897	rVB3	629	551	0.06%	0.013%
22	8.687	897	898	903	rBV3	442	453	0.05%	0.011%
23	8.729	903	906	909	rBV3	715	882	0.09%	0.021%
24	8.813	920	922	924	rVB2	478	381	0.04%	0.009%
25	8.902	935	939	944	rVB4	678	1206	0.12%	0.029%
26	9.007	954	959	960	rBV4	1030	1028	0.10%	0.024%
27	9.034	961	964	967	rVB4	1022	905	0.09%	0.021%
28	9.138	982	984	988	rVB2	531	687	0.07%	0.016%
29	9.254	1003	1006	1008	rBV	607	428	0.04%	0.010%
30	9.364	1026	1027	1030	rVB3	518	386	0.04%	0.009%
31	9.589	1060	1070	1092	rVB	163819	372409	37.26%	8.816%
32	9.904	1128	1130	1134	rVB3	567	664	0.07%	0.016%
33	9.977	1134	1144	1154	rBV5	1768	3988	0.40%	0.094%
34	10.260	1187	1198	1217	rBV	159289	353057	35.33%	8.358%
35	10.486	1235	1241	1247	rBV2	300	709	0.07%	0.017%
36	10.701	1270	1282	1303	rBV	364002	745558	74.60%	17.649%
37	11.445	1421	1424	1427	rBV2	544	428	0.04%	0.010%
38	12.048	1534	1539	1545	rVB2	216	474	0.05%	0.011%

39	12.394	1592	1605	1632	rBV	522722	999390	100.00%	23.658%
40	12.609	1639	1646	1655	rBV3	1032	2304	0.23%	0.055%
41	12.861	1690	1694	1695	rBV	482	449	0.04%	0.011%
42	12.882	1695	1698	1704	rVV2	295	504	0.05%	0.012%
43	13.034	1723	1727	1729	rBV	304	414	0.04%	0.010%
44	13.417	1797	1800	1805	rBV2	393	459	0.05%	0.011%
45	13.805	1871	1874	1879	rVB2	433	564	0.06%	0.013%
46	13.910	1886	1894	1898	rBV4	1491	2531	0.25%	0.060%
47	14.041	1905	1919	1942	rVB	489390	877871	87.84%	20.782%
48	14.250	1955	1959	1962	rBV3	646	791	0.08%	0.019%
49	14.554	2013	2017	2021	rBV2	505	556	0.06%	0.013%
50	14.722	2045	2049	2055	rVB2	291	603	0.06%	0.014%
51	14.775	2055	2059	2062	rBV2	455	615	0.06%	0.015%
52	15.042	2109	2110	2117	rBV3	369	518	0.05%	0.012%
53	15.110	2117	2123	2124	rBV3	366	550	0.06%	0.013%
54	15.194	2136	2139	2144	rBV3	424	446	0.04%	0.011%
55	15.320	2150	2163	2180	rBV	397616	661975	66.24%	15.671%
56	15.477	2190	2193	2196	rVB4	561	515	0.05%	0.012%
57	15.514	2196	2200	2203	rBV3	506	642	0.06%	0.015%
58	15.561	2208	2209	2212	rVB2	441	398	0.04%	0.009%
59	15.881	2268	2270	2277	rBV5	667	807	0.08%	0.019%
60	15.949	2279	2283	2288	rBV4	671	1092	0.11%	0.026%
61	15.991	2288	2291	2292	rBV	391	404	0.04%	0.010%
62	16.059	2298	2304	2306	rBV4	673	791	0.08%	0.019%
63	16.101	2307	2312	2313	rBV3	418	556	0.06%	0.013%
64	16.127	2315	2317	2319	rBV3	480	541	0.05%	0.013%
65	16.180	2325	2327	2331	rBV4	449	624	0.06%	0.015%
66	16.306	2345	2351	2353	rBV4	859	1528	0.15%	0.036%
67	16.332	2353	2356	2358	rVV2	657	748	0.07%	0.018%
68	16.374	2362	2364	2365	rBV2	700	418	0.04%	0.010%
69	16.426	2371	2374	2381	rVB3	634	699	0.07%	0.017%
70	16.484	2383	2385	2387	rBV3	773	515	0.05%	0.012%
71	16.526	2387	2393	2395	rBV4	770	1162	0.12%	0.028%
72	16.557	2397	2399	2403	rBV5	712	892	0.09%	0.021%
73	16.594	2405	2406	2408	rBV	962	545	0.05%	0.013%
74	16.620	2408	2411	2412	rBV2	678	453	0.05%	0.011%
75	16.678	2419	2422	2424	rBV3	422	501	0.05%	0.012%
76	16.746	2432	2435	2438	rBV3	567	448	0.04%	0.011%
77	16.898	2460	2464	2467	rBV5	985	1616	0.16%	0.038%
78	16.950	2469	2474	2476	rBV6	1033	1188	0.12%	0.028%
79	16.971	2476	2478	2479	rBV2	686	470	0.05%	0.011%
80	17.129	2504	2508	2510	rBV4	851	724	0.07%	0.017%
81	17.197	2517	2521	2524	rBV4	1181	1485	0.15%	0.035%
82	17.365	2550	2553	2555	rBV4	1104	1184	0.12%	0.028%
83	17.391	2557	2558	2563	rVV5	978	1181	0.12%	0.028%
84	17.543	2584	2587	2588	rBV3	878	796	0.08%	0.019%
85	17.669	2610	2611	2614	rBV3	1343	984	0.10%	0.023%

Sum of corrected areas: 4224257

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13342.D
Operator : PINGM
Acquired : 6 May 2006 6:56 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-27
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 14
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 6:56 pm
Data File: C:\MSDCHEM\1\DATA\3C13342.D
Name: J29228-27
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13343.D Vial: 15
Acq On : 6 May 2006 7:24 pm Operator: PINGM
Sample : J29228-28 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 19:48:32 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	56302	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	47859	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	298665	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	271403	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	140187	31.38	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 104.60%			
52) TOLUENE-d8 (SUR)	12.39	98	363796	29.52	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.40%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	143155	27.95	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 93.17%			

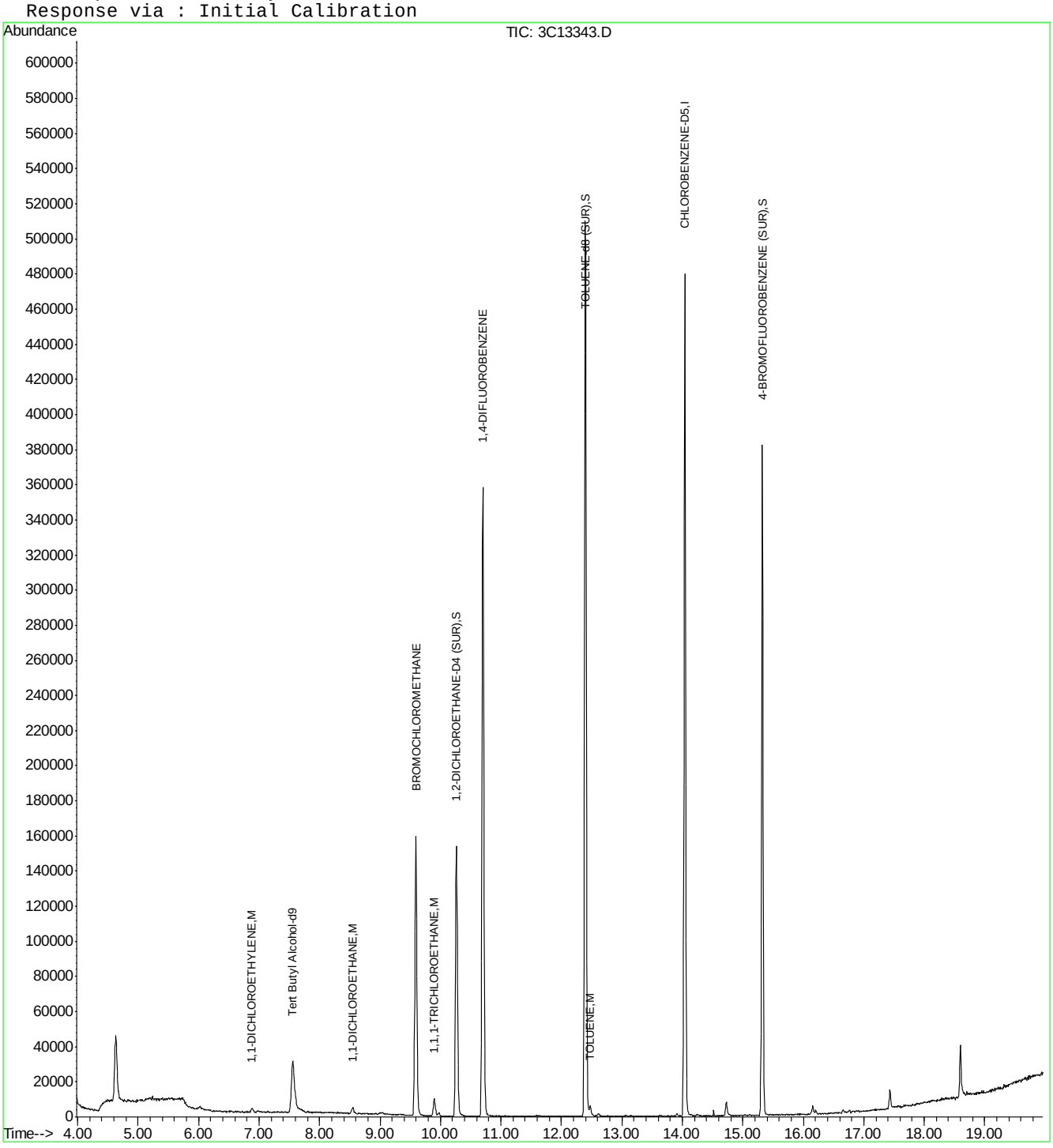
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.88	96	1741	0.58	PPb	# 53
24) 1,1-DICHLOROETHANE	8.55	63	4754	0.63	PPb	89
33) 1,1,1-TRICHLOROETHANE	9.89	97	8915	1.35	PPb	95
49) TOLUENE	12.47	92	2155	0.23	PPb	99

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

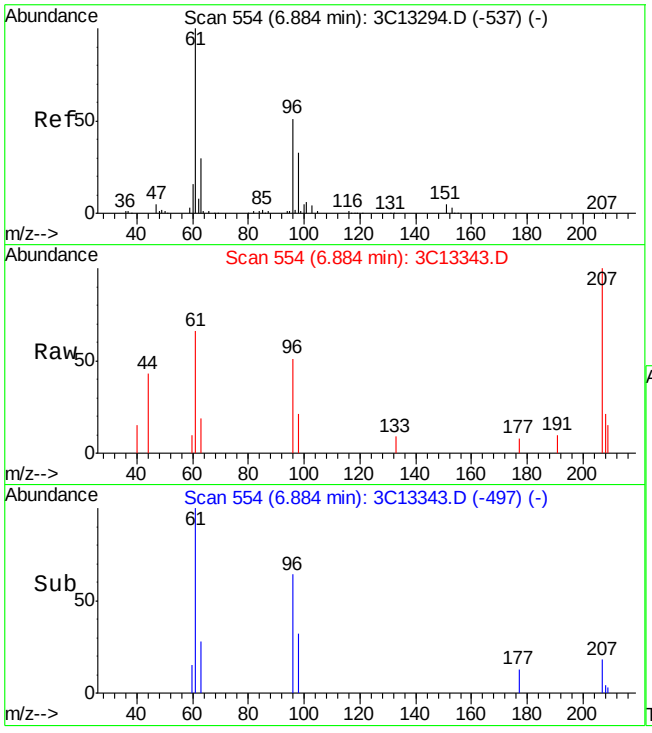
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13343.D Vial: 15
Acq On : 6 May 2006 7:24 pm Operator: PINGM
Sample : J29228-28 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:01 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



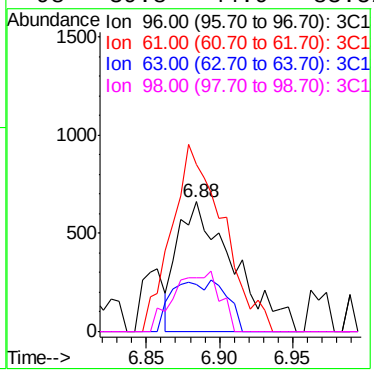
3C13343.D M3C576.M Mon May 08 15:16:48 2006 MS3C Page 2

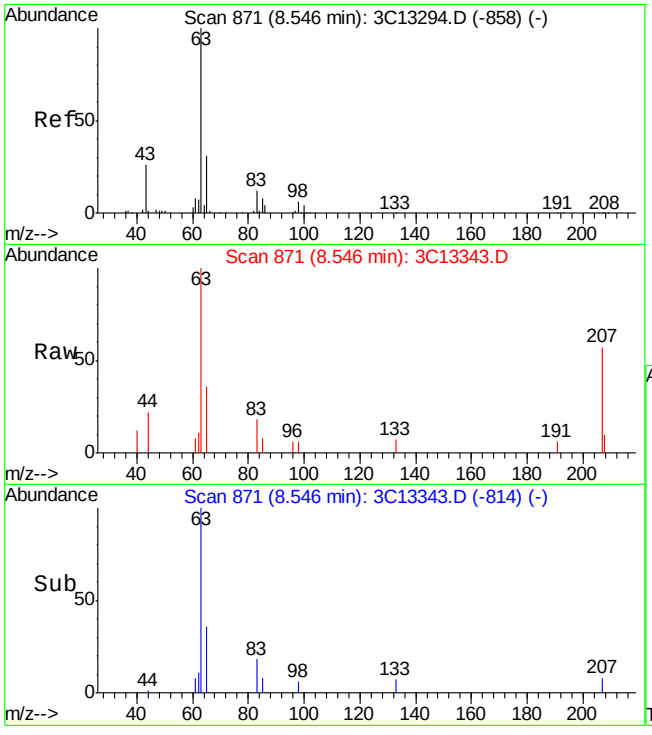


#14
1,1-DICHLOROETHYLENE
Concen: 0.58 PPb
RT: 6.88 min Scan# 554
Delta R.T. 0.00 min
Lab File: 3C13343.D
Acq: 6 May 2006 7:24 pm

Tgt Ion: 96 Resp: 1741

Ion	Ratio	Lower	Upper
96	100		
61	114.9	137.9	256.1#
63	29.9	42.1	78.1#
98	39.8	44.9	83.5#

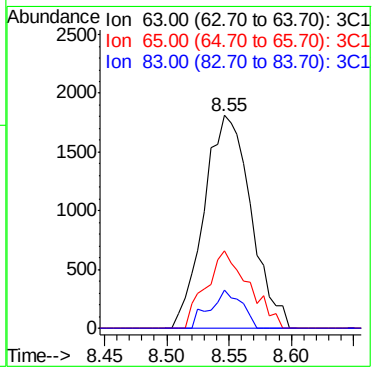


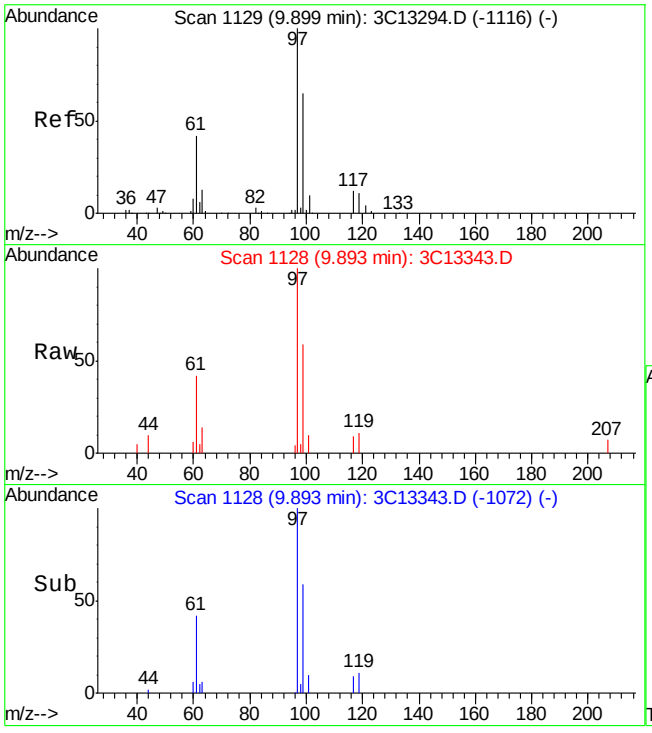


#24
1,1-DICHLOROETHANE
Concen: 0.63 PPb
RT: 8.55 min Scan# 871
Delta R.T. -0.00 min
Lab File: 3C13343.D
Acq: 6 May 2006 7:24 pm

Tgt Ion: 63 Resp: 4754

Ion	Ratio	Lower	Upper
63	100		
65	36.3	0.9	60.9
83	18.3	0.0	42.2

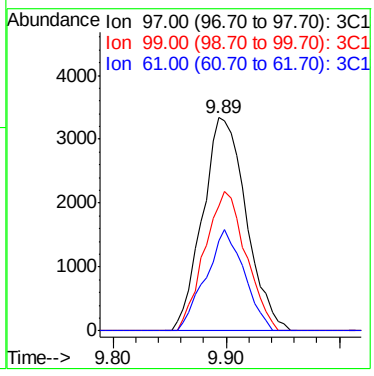


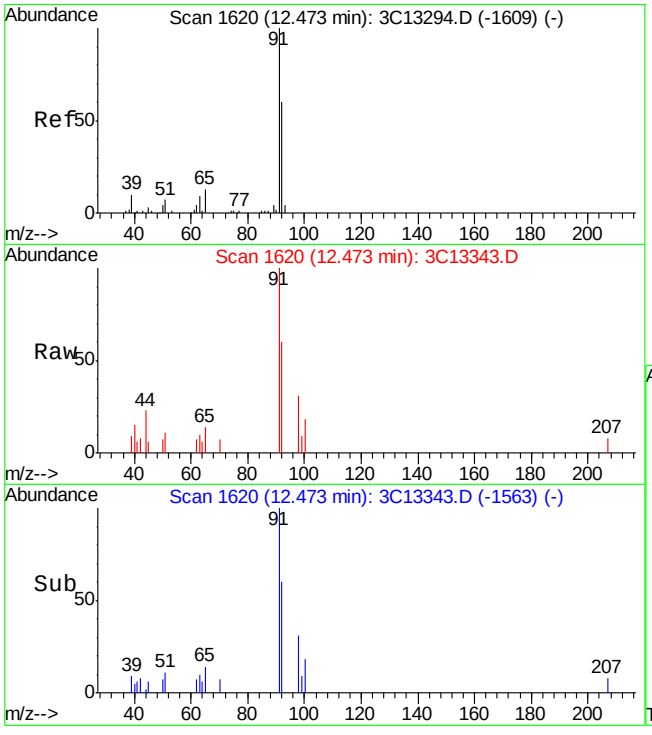


#33
1,1,1-TRICHLOROETHANE
Concen: 1.35 PPb
RT: 9.89 min Scan# 1128
Delta R.T. -0.01 min
Lab File: 3C13343.D
Acq: 6 May 2006 7:24 pm

Tgt Ion: 97 Resp: 8915

Ion	Ratio	Lower	Upper
97	100		
99	58.7	34.7	94.7
61	42.1	11.7	71.7

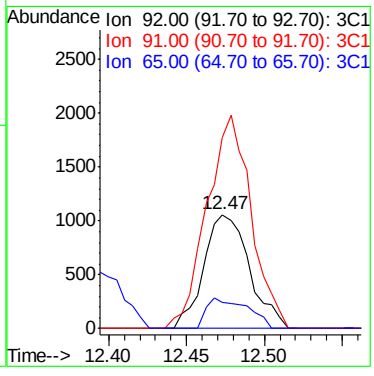




#49
TOLUENE
Concen: 0.23 PPb
RT: 12.47 min Scan# 1620
Delta R.T. -0.00 min
Lab File: 3C13343.D
Acq: 6 May 2006 7:24 pm

Tgt Ion: 92 Resp: 2155

Ion	Ratio	Lower	Upper
92	100		
91	167.7	137.5	197.5
65	23.2	0.0	51.7



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13343.D Vial: 15
Acq On : 6 May 2006 7:24 pm Operator: PINGM
Sample : J29228-28 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.5 Max Peaks: 100
Stop Thrs : 0.5 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.278	55	57	62	rVB6	875	1009	0.10%	0.023%
2	4.414	70	83	84	rBV5	4300	10281	1.06%	0.233%
3	4.446	85	89	90	rVV4	978	1640	0.17%	0.037%
4	4.635	114	125	141	rBV	37211	106565	10.99%	2.418%
5	4.829	160	162	164	rBV3	1337	911	0.09%	0.021%
6	4.986	189	192	194	rBV4	1743	1819	0.19%	0.041%
7	6.024	387	390	397	rVB4	1178	1634	0.17%	0.037%
8	6.465	472	474	476	rBV2	677	547	0.06%	0.012%
9	6.527	483	486	488	rBV3	759	715	0.07%	0.016%
10	6.653	507	510	513	rVB3	891	722	0.07%	0.016%
11	6.721	522	523	527	rVB3	1047	736	0.08%	0.017%
12	6.763	528	531	534	rVB3	637	654	0.07%	0.015%
13	6.795	536	537	541	rBV3	866	652	0.07%	0.015%
14	6.884	547	554	563	rBV7	2424	6535	0.67%	0.148%
15	6.973	567	571	575	rVV4	651	1043	0.11%	0.024%
16	7.125	597	600	602	rVB4	735	519	0.05%	0.012%
17	7.146	602	604	608	rBV3	909	956	0.10%	0.022%
18	7.303	631	634	636	rVB3	724	648	0.07%	0.015%
19	7.324	636	638	645	rVB4	638	905	0.09%	0.021%
20	7.445	660	661	666	rVB2	736	651	0.07%	0.015%
21	7.555	669	682	702	rBV3	29341	116749	12.04%	2.649%
22	7.807	726	730	733	rVB5	689	777	0.08%	0.018%
23	7.912	747	750	753	rBV2	495	535	0.06%	0.012%
24	8.043	774	775	780	rBV3	619	679	0.07%	0.015%
25	8.090	780	784	788	rBV4	632	1033	0.11%	0.023%
26	8.137	789	793	798	rVV5	455	735	0.08%	0.017%
27	8.258	812	816	819	rBV5	665	937	0.10%	0.021%
28	8.300	821	824	826	rBV2	803	647	0.07%	0.015%
29	8.389	839	841	845	rVB3	616	680	0.07%	0.015%
30	8.546	859	871	882	rBV2	3834	11111	1.15%	0.252%
31	8.829	924	925	929	rVB2	491	493	0.05%	0.011%
32	8.929	941	944	947	rBV3	511	457	0.05%	0.010%
33	9.007	954	959	962	rBV5	715	1274	0.13%	0.029%
34	9.144	984	985	994	rVB3	549	974	0.10%	0.022%
35	9.369	1025	1028	1030	rVB2	716	626	0.06%	0.014%
36	9.390	1030	1032	1036	rBV2	534	732	0.08%	0.017%
37	9.495	1047	1052	1055	rBV3	319	447	0.05%	0.010%
38	9.595	1059	1071	1087	rBV	158872	365109	37.66%	8.285%

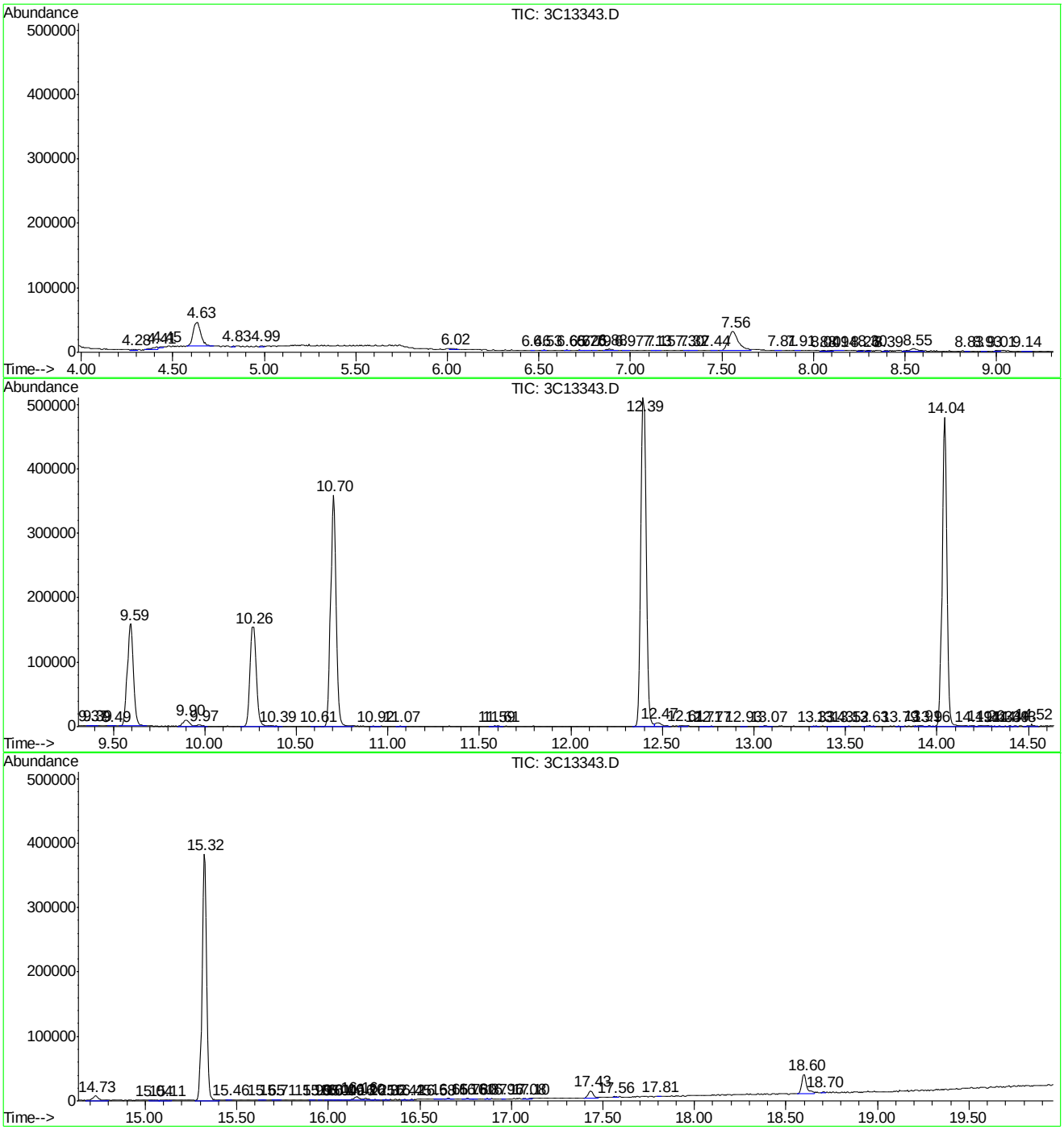
39	9.899	1120	1129	1137	rBV2	9818	23777	2.45%	0.540%
40	9.972	1137	1143	1150	rVB6	2116	5055	0.52%	0.115%
41	10.260	1185	1198	1221	rBV	153922	350841	36.18%	7.961%
42	10.392	1221	1223	1229	rVB2	420	542	0.06%	0.012%
43	10.612	1259	1265	1267	rVB2	320	423	0.04%	0.010%
44	10.701	1269	1282	1303	rBV	358069	728373	75.12%	16.528%
45	10.921	1321	1324	1331	rVB2	434	578	0.06%	0.013%
46	11.068	1347	1352	1358	rVB2	436	648	0.07%	0.015%
47	11.587	1444	1451	1452	rBV2	534	580	0.06%	0.013%
48	11.608	1452	1455	1459	rVB2	607	657	0.07%	0.015%
49	12.394	1594	1605	1617	rBV	510161	969608	100.00%	22.002%
50	12.473	1617	1620	1633	rVB2	5682	10769	1.11%	0.244%
51	12.615	1641	1647	1652	rBV3	1092	1878	0.19%	0.043%
52	12.714	1664	1666	1672	rVB2	320	466	0.05%	0.011%
53	12.767	1672	1676	1678	rBV2	400	445	0.05%	0.010%
54	12.934	1706	1708	1713	rBV2	313	421	0.04%	0.010%
55	13.071	1726	1734	1739	rBV3	450	1024	0.11%	0.023%
56	13.328	1780	1783	1788	rBV2	287	408	0.04%	0.009%
57	13.433	1796	1803	1810	rVB	223	486	0.05%	0.011%
58	13.516	1810	1819	1820	rBV2	316	437	0.05%	0.010%
59	13.627	1833	1840	1847	rBV3	679	1091	0.11%	0.025%
60	13.789	1868	1871	1877	rVB3	277	450	0.05%	0.010%
61	13.910	1887	1894	1899	rBV3	1210	1790	0.18%	0.041%
62	13.962	1899	1904	1906	rVB3	368	551	0.06%	0.013%
63	14.041	1906	1919	1944	rBV	479662	864324	89.14%	19.613%
64	14.188	1944	1947	1953	rVV2	369	452	0.05%	0.010%
65	14.256	1953	1960	1972	rVB5	1057	2862	0.30%	0.065%
66	14.345	1972	1977	1981	rBV3	323	554	0.06%	0.013%
67	14.392	1983	1986	1989	rVB2	503	521	0.05%	0.012%
68	14.429	1989	1993	1996	rBV2	401	610	0.06%	0.014%
69	14.518	2001	2010	2016	rVB	3721	1961	0.20%	0.044%
70	14.728	2040	2050	2063	rBV	7679	15388	1.59%	0.349%
71	15.037	2106	2109	2116	rVB2	618	922	0.10%	0.021%
72	15.110	2116	2123	2129	rBV3	650	1310	0.14%	0.030%
73	15.320	2154	2163	2179	rBV	382291	655958	67.65%	14.885%
74	15.456	2186	2189	2192	rBV3	486	491	0.05%	0.011%
75	15.650	2220	2226	2227	rVB3	411	430	0.04%	0.010%
76	15.713	2234	2238	2243	rBV3	553	973	0.10%	0.022%
77	15.907	2273	2275	2278	rBV2	554	437	0.05%	0.010%
78	15.949	2282	2283	2286	rBV3	854	685	0.07%	0.016%
79	16.012	2289	2295	2299	rVB2	532	856	0.09%	0.019%
80	16.044	2299	2301	2305	rVB4	443	545	0.06%	0.012%
81	16.085	2305	2309	2313	rBV4	748	1244	0.13%	0.028%
82	16.159	2314	2323	2329	rBV4	5027	10426	1.08%	0.237%
83	16.201	2329	2331	2339	rVB5	2485	3955	0.41%	0.090%
84	16.253	2339	2341	2346	rBV5	778	1058	0.11%	0.024%
85	16.316	2349	2353	2356	rVV4	481	762	0.08%	0.017%
86	16.416	2369	2372	2375	rBV2	867	795	0.08%	0.018%
87	16.453	2377	2379	2381	rVB2	704	508	0.05%	0.012%
88	16.584	2403	2404	2411	rBV5	312	512	0.05%	0.012%
89	16.652	2413	2417	2423	rBV5	1879	3494	0.36%	0.079%
90	16.762	2432	2438	2443	rVB10	1656	3334	0.34%	0.076%
91	16.804	2443	2446	2448	rBV3	1039	1363	0.14%	0.031%
92	16.867	2455	2458	2462	rBV5	947	1553	0.16%	0.035%
93	16.956	2473	2475	2477	rBV2	553	510	0.05%	0.012%
94	17.076	2495	2498	2500	rBV3	528	721	0.07%	0.016%
95	17.097	2501	2502	2505	rBV3	733	587	0.06%	0.013%

96	17.433	2559	2566	2574	rBV3	11117	19014	1.96%	0.431%
97	17.564	2589	2591	2595	rBV5	990	1251	0.13%	0.028%
98	17.805	2635	2637	2639	rBV2	1090	791	0.08%	0.018%
99	18.602	2781	2789	2799	rBV	29788	59869	6.17%	1.359%
100	18.702	2806	2808	2811	rBV4	1890	1474	0.15%	0.033%

Sum of corrected areas: 4406935

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13343.D
Operator : PINGM
Acquired : 6 May 2006 7:24 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-28
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 15
Quant File :M3C576.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\3C13343.D Vial: 15
Acq On : 6 May 2006 7:24 pm Operator: PINGM
Sample : J29228-28 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

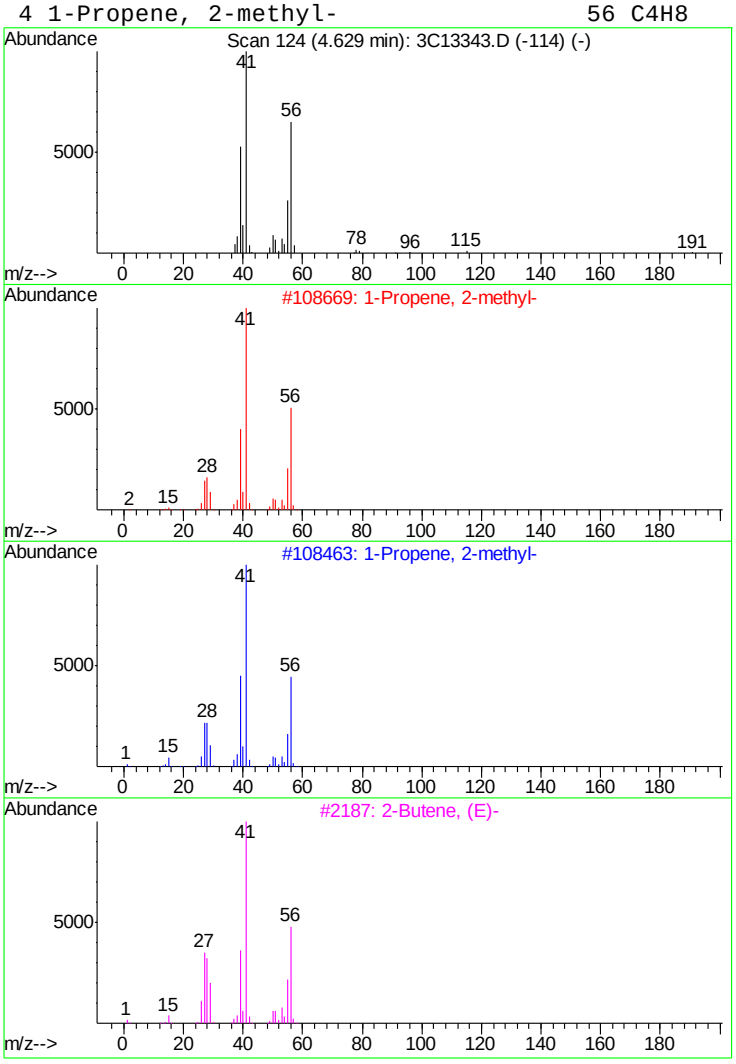
Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Library : C:\DATABASE\Nist98.L

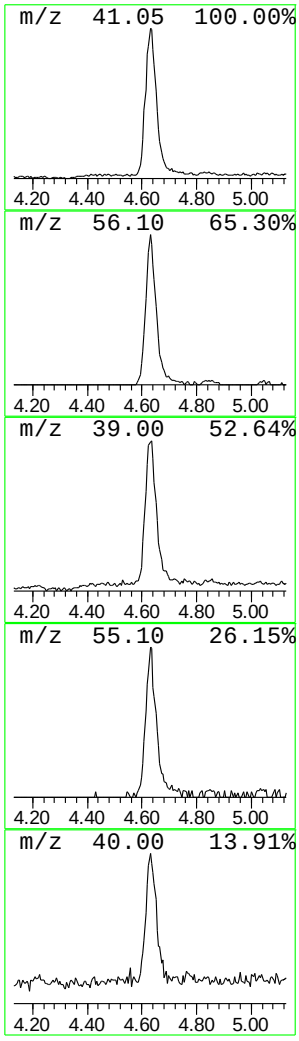
****

Peak Number 1 cycloalkane/alkene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	8.76 PPb	106565	BROMOCHLOROMETHANE	9.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	2-Butene, (E)-	56	C4H8	000624-64-6	72
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72





Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 7:24 pm
Data File: C:\MSDCHEM\1\DATA\3C13343.D
Name: J29228-28
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
cycloalkane/alkene	4.63	8.8	PPb	106565	2	9.59	365109	30.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13344.D Vial: 16
Acq On : 6 May 2006 7:54 pm Operator: PINGM
Sample : J29228-29 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 20:17:41 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

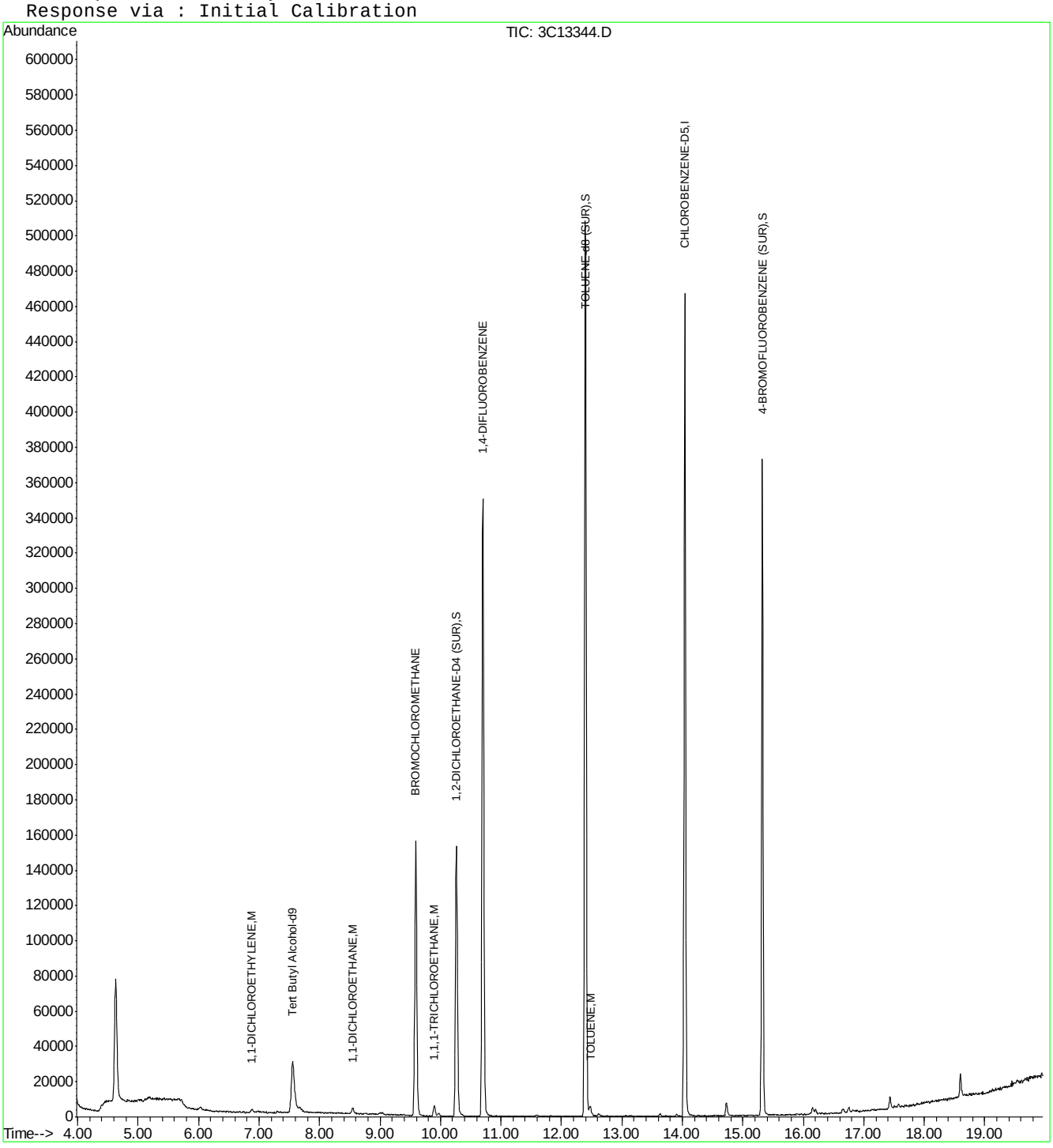
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	55633	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	47038	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	292577	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	266135	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	139135	31.69	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 105.63%						
52) TOLUENE-d8 (SUR)	12.39	98	358587	29.70	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 99.00%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	142206	28.32	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 94.40%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.87	96	1692	0.57	PPb	# 59
24) 1,1-DICHLOROETHANE	8.55	63	4441	0.59	PPb	92
33) 1,1,1-TRICHLOROETHANE	9.90	97	5436	0.84	PPb	95
49) TOLUENE	12.48	92	2640	0.29	PPb	96

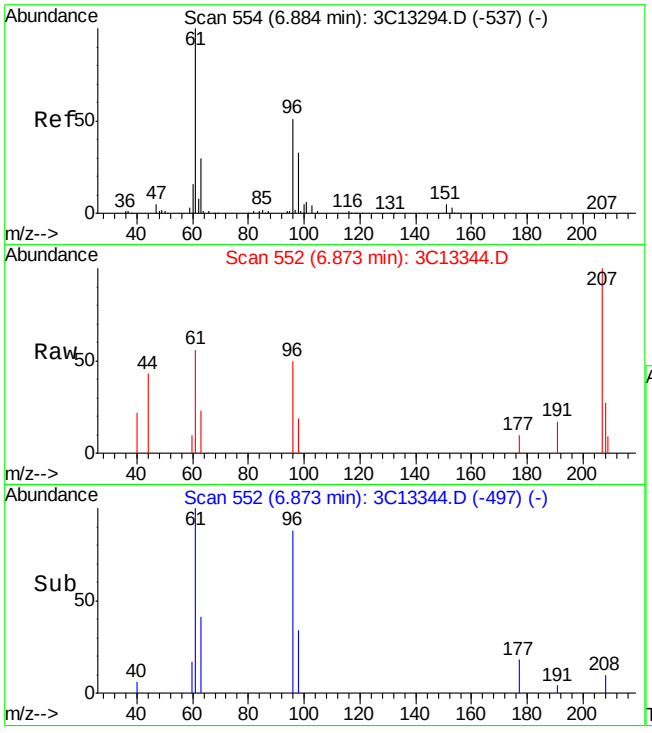
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13344.D Vial: 16
Acq On : 6 May 2006 7:54 pm Operator: PINGM
Sample : J29228-29 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:02 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

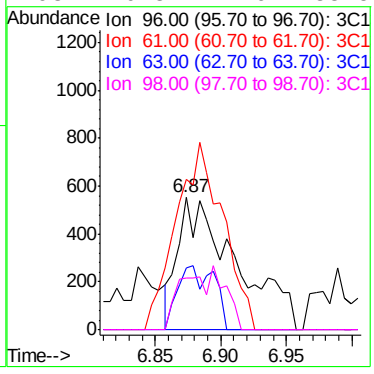


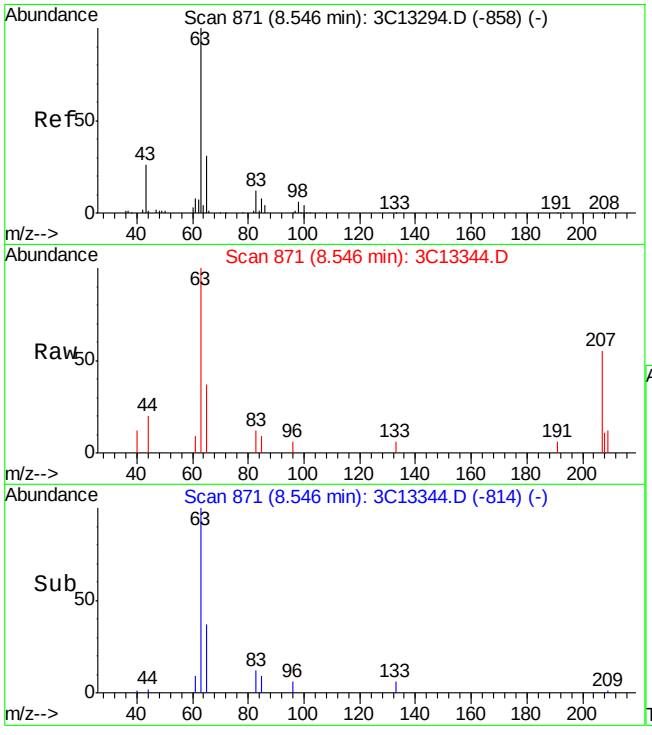


#14
1,1-DICHLOROETHYLENE
Concen: 0.57 PPb
RT: 6.87 min Scan# 552
Delta R.T. -0.01 min
Lab File: 3C13344.D
Acq: 6 May 2006 7:54 pm

Tgt Ion: 96 Resp: 1692

Ion	Ratio	Lower	Upper
96	100		
61	108.9	137.9	256.1#
63	55.8	42.1	78.1
98	46.8	44.9	83.5

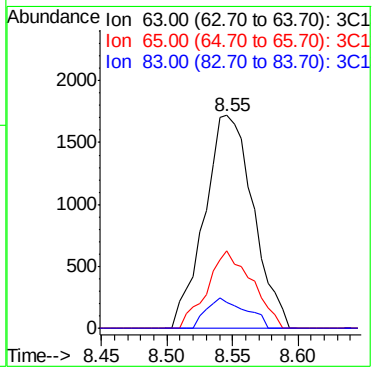


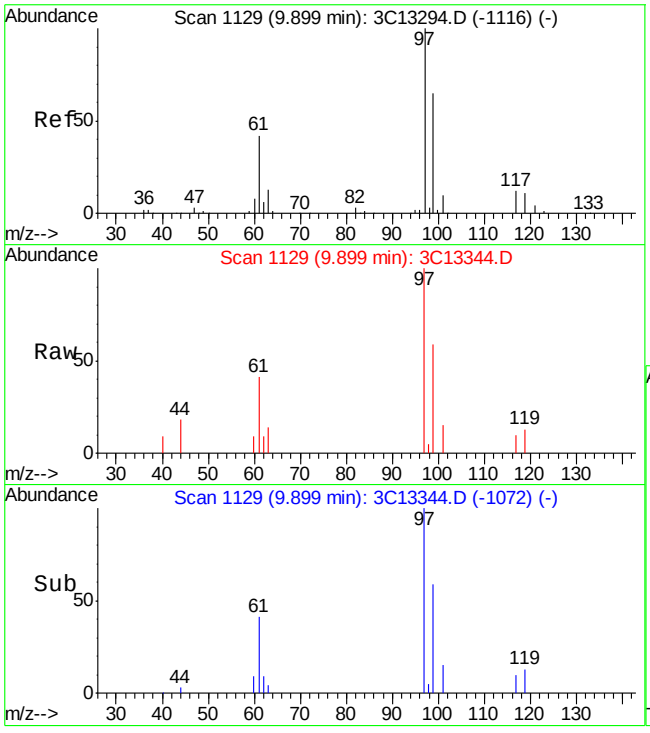


#24
1,1-DICHLOROETHANE
Concen: 0.59 PPb
RT: 8.55 min Scan# 871
Delta R.T. -0.00 min
Lab File: 3C13344.D
Acq: 6 May 2006 7:54 pm

Tgt Ion: 63 Resp: 4441

Ion	Ratio	Lower	Upper
63	100		
65	36.7	0.9	60.9
83	12.3	0.0	42.2

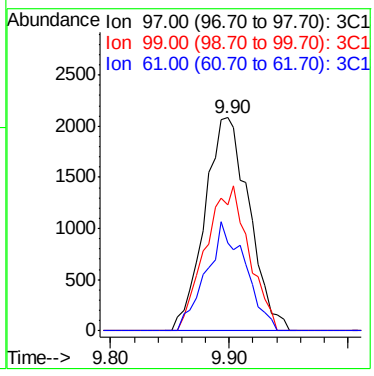


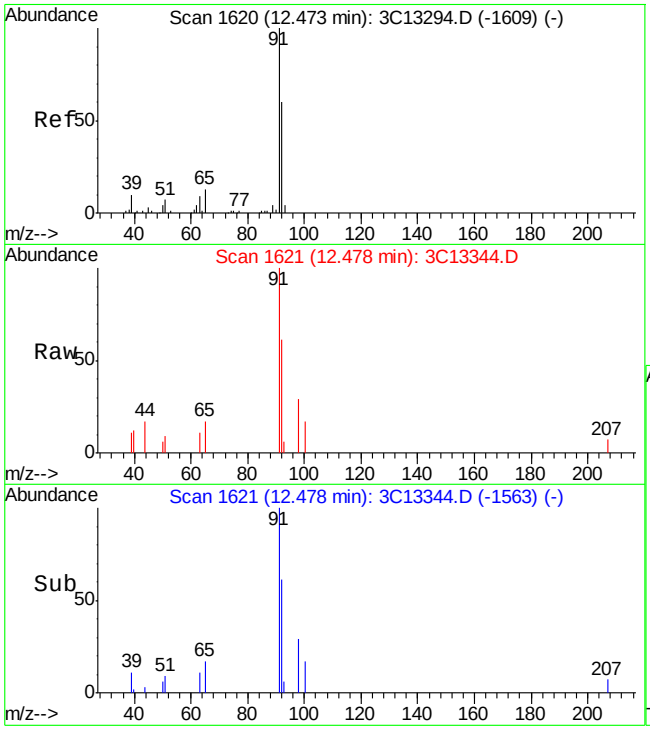


#33
1,1,1-TRICHLOROETHANE
Concen: 0.84 PPb
RT: 9.90 min Scan# 1129
Delta R.T. -0.00 min
Lab File: 3C13344.D
Acq: 6 May 2006 7:54 pm

Tgt Ion: 97 Resp: 5436

Ion	Ratio	Lower	Upper
97	100		
99	59.0	34.7	94.7
61	41.3	11.7	71.7

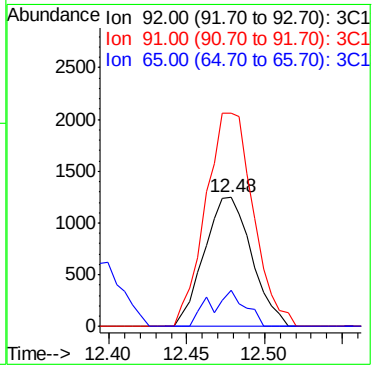




#49
TOLUENE
Concen: 0.29 PPb
RT: 12.48 min Scan# 1621
Delta R.T. 0.01 min
Lab File: 3C13344.D
Acq: 6 May 2006 7:54 pm

Tgt Ion: 92 Resp: 2640

Ion	Ratio	Lower	Upper
92	100		
91	164.4	137.5	197.5
65	28.3	0.0	51.7



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13344.D Vial: 16
Acq On : 6 May 2006 7:54 pm Operator: PINGM
Sample : J29228-29 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.5 Max Peaks: 100
Stop Thrs : 0.5 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

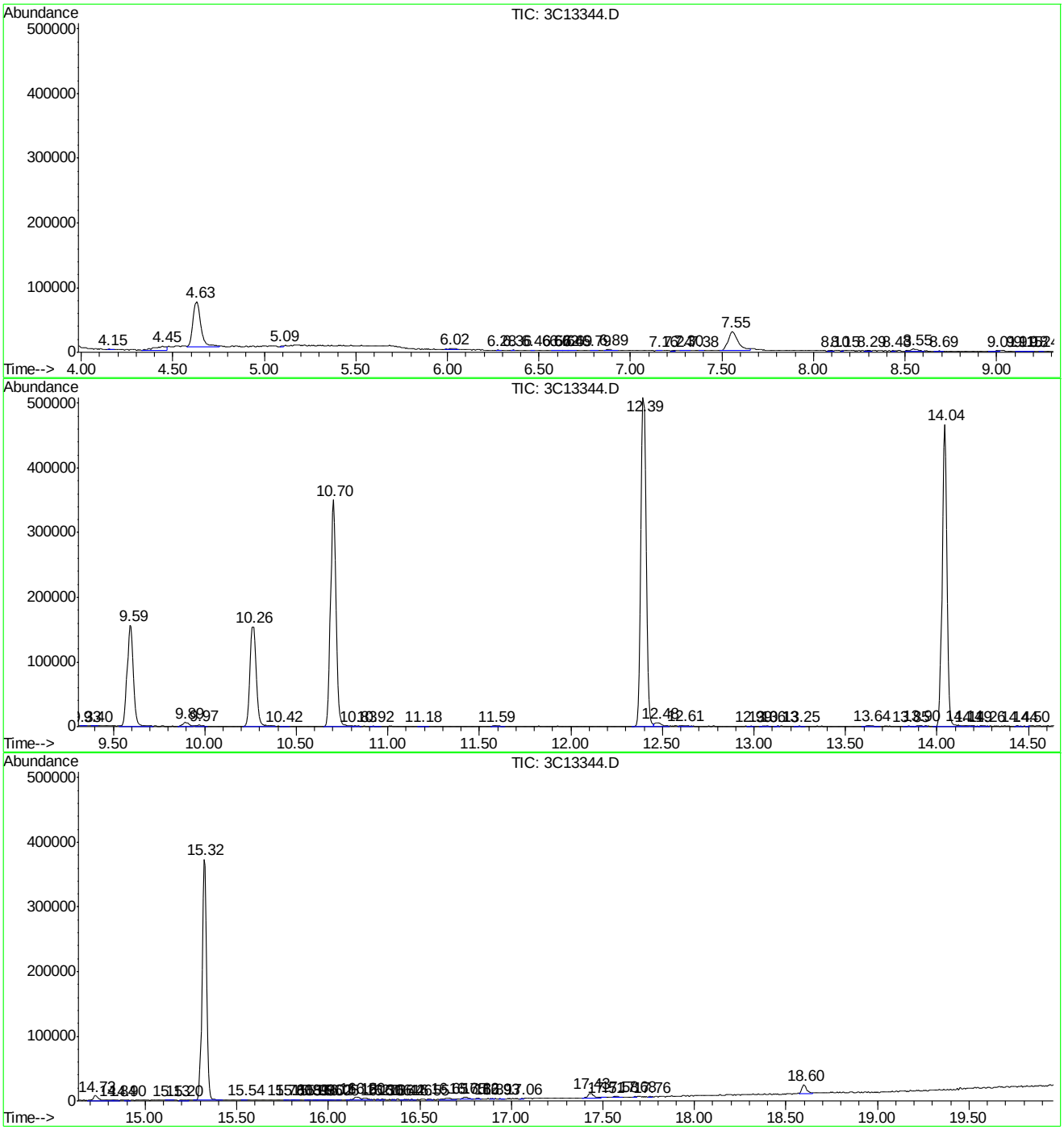
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.152	31	33	38	rVB4	1127	1229	0.13%	0.028%
2	4.446	67	89	93	rBV9	6037	27352	2.87%	0.623%
3	4.629	114	124	148	rBV	69177	195633	20.51%	4.457%
4	5.091	211	212	215	rBV3	1191	1308	0.14%	0.030%
5	6.019	383	389	397	rVB10	1838	5109	0.54%	0.116%
6	6.276	436	438	441	rBV2	657	473	0.05%	0.011%
7	6.360	451	454	455	rBV2	788	615	0.06%	0.014%
8	6.464	472	474	476	rBV3	652	567	0.06%	0.013%
9	6.575	494	495	499	rVB3	767	639	0.07%	0.015%
10	6.616	500	503	505	rVB2	658	445	0.05%	0.010%
11	6.637	505	507	511	rBV4	627	498	0.05%	0.011%
12	6.690	511	517	519	rVB4	418	673	0.07%	0.015%
13	6.795	534	537	542	rBV4	618	919	0.10%	0.021%
14	6.889	548	555	563	rVB6	2286	5354	0.56%	0.122%
15	7.157	603	606	609	rBV3	480	643	0.07%	0.015%
16	7.235	618	621	623	rBV	824	1013	0.11%	0.023%
17	7.298	628	633	638	rVV6	1064	1848	0.19%	0.042%
18	7.382	647	649	652	rBV2	335	417	0.04%	0.009%
19	7.555	669	682	701	rBV2	29061	113274	11.87%	2.581%
20	8.095	781	785	788	rBV5	635	945	0.10%	0.022%
21	8.153	795	796	798	rBV2	722	592	0.06%	0.013%
22	8.294	820	823	827	rBV3	455	766	0.08%	0.017%
23	8.431	848	849	852	rBV2	595	427	0.04%	0.010%
24	8.546	862	871	882	rVB2	3223	8545	0.90%	0.195%
25	8.687	892	898	902	rVB6	788	1515	0.16%	0.035%
26	9.007	949	959	961	rBV4	1253	2296	0.24%	0.052%
27	9.112	977	979	984	rBV3	473	677	0.07%	0.015%
28	9.149	984	986	990	rVB3	640	583	0.06%	0.013%
29	9.180	990	992	996	rBV3	380	459	0.05%	0.010%
30	9.238	1002	1003	1006	rBV2	495	421	0.04%	0.010%
31	9.332	1019	1021	1025	rBV2	520	653	0.07%	0.015%
32	9.395	1030	1033	1036	rVB4	474	451	0.05%	0.010%
33	9.589	1059	1070	1094	rVB	155920	359482	37.68%	8.190%
34	9.893	1120	1128	1136	rBV3	5953	14388	1.51%	0.328%
35	9.972	1138	1143	1150	rVB3	1790	3924	0.41%	0.089%
36	10.260	1188	1198	1222	rBV	153400	344754	36.14%	7.854%
37	10.423	1227	1229	1236	rVB2	311	440	0.05%	0.010%
38	10.701	1272	1282	1303	rBV	350341	711634	74.59%	16.212%

39	10.827	1303	1306	1311	rVB2	419	607	0.06%	0.014%
40	10.921	1320	1324	1331	rVB2	607	724	0.08%	0.016%
41	11.183	1370	1374	1381	rBV	391	687	0.07%	0.016%
42	11.587	1446	1451	1460	rVB4	731	1577	0.17%	0.036%
43	12.394	1593	1605	1616	rBV	508444	954060	100.00%	21.735%
44	12.478	1616	1621	1632	rVB2	5532	12472	1.31%	0.284%
45	12.615	1641	1647	1656	rBB2	1114	1916	0.20%	0.044%
46	12.987	1713	1718	1720	rBV2	388	512	0.05%	0.012%
47	13.060	1726	1732	1737	rBV4	383	723	0.08%	0.016%
48	13.128	1741	1745	1747	rBV2	399	389	0.04%	0.009%
49	13.249	1762	1768	1773	rVB2	274	405	0.04%	0.009%
50	13.637	1833	1842	1851	rVB4	1322	2931	0.31%	0.067%
51	13.847	1876	1882	1887	rVB2	272	394	0.04%	0.009%
52	13.904	1887	1893	1901	rBV5	1241	2109	0.22%	0.048%
53	14.041	1907	1919	1935	rBV	467099	841541	88.21%	19.172%
54	14.140	1935	1938	1945	rVV4	830	1333	0.14%	0.030%
55	14.187	1946	1947	1955	rVB3	375	493	0.05%	0.011%
56	14.261	1955	1961	1965	rBV3	638	1220	0.13%	0.028%
57	14.439	1992	1995	2000	rBV3	362	690	0.07%	0.016%
58	14.502	2003	2007	2008	rBV2	569	608	0.06%	0.014%
59	14.727	2042	2050	2068	rBV2	7362	15194	1.59%	0.346%
60	14.838	2068	2071	2075	rVB2	395	524	0.05%	0.012%
61	14.895	2080	2082	2086	rVB2	329	414	0.04%	0.009%
62	15.131	2123	2127	2131	rVB3	370	526	0.06%	0.012%
63	15.205	2137	2141	2147	rBV3	489	887	0.09%	0.020%
64	15.320	2152	2163	2182	rVV	372621	644954	67.60%	14.693%
65	15.540	2202	2205	2208	rBV4	688	764	0.08%	0.017%
66	15.760	2246	2247	2252	rBV4	431	657	0.07%	0.015%
67	15.802	2254	2255	2262	rVV3	318	521	0.05%	0.012%
68	15.891	2268	2272	2274	rBV3	628	459	0.05%	0.010%
69	15.928	2276	2279	2281	rVB3	565	575	0.06%	0.013%
70	15.965	2281	2286	2292	rVB4	794	1117	0.12%	0.025%
71	16.022	2292	2297	2299	rBV3	786	699	0.07%	0.016%
72	16.054	2301	2303	2306	rBV3	457	416	0.04%	0.009%
73	16.154	2311	2322	2327	rBV5	3919	9443	0.99%	0.215%
74	16.201	2327	2331	2339	rVB9	2820	5590	0.59%	0.127%
75	16.269	2342	2344	2347	rVB3	767	605	0.06%	0.014%
76	16.295	2347	2349	2351	rBV2	536	513	0.05%	0.012%
77	16.358	2358	2361	2363	rBV3	644	510	0.05%	0.012%
78	16.416	2368	2372	2375	rVB4	522	567	0.06%	0.013%
79	16.458	2377	2380	2384	rBV5	657	668	0.07%	0.015%
80	16.547	2395	2397	2402	rVB5	848	977	0.10%	0.022%
81	16.652	2408	2417	2426	rBV6	2937	8470	0.89%	0.193%
82	16.751	2430	2436	2443	rVV6	2868	6118	0.64%	0.139%
83	16.819	2446	2449	2452	rBV3	1303	1600	0.17%	0.036%
84	16.888	2461	2462	2466	rVB3	1162	736	0.08%	0.017%
85	16.935	2470	2471	2476	rBV4	814	983	0.10%	0.022%
86	17.055	2492	2494	2496	rBV2	803	449	0.05%	0.010%
87	17.428	2557	2565	2577	rBV3	7168	17434	1.83%	0.397%
88	17.506	2577	2580	2582	rBV4	1040	1063	0.11%	0.024%
89	17.580	2588	2594	2599	rBV5	2001	2919	0.31%	0.066%
90	17.679	2610	2613	2614	rBV2	1426	942	0.10%	0.021%
91	17.758	2626	2628	2630	rVB3	761	536	0.06%	0.012%
92	18.597	2783	2788	2797	rBV3	13407	25328	2.65%	0.577%

Sum of corrected areas: 4389510

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13344.D
Operator : PINGM
Acquired : 6 May 2006 7:54 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-29
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 16
Quant File :M3C576.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\3C13344.D Vial: 16
Acq On : 6 May 2006 7:54 pm Operator: PINGM
Sample : J29228-29 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

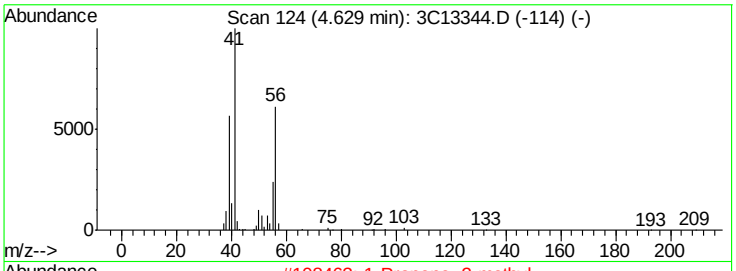
Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Library : C:\DATABASE\Nist98.L

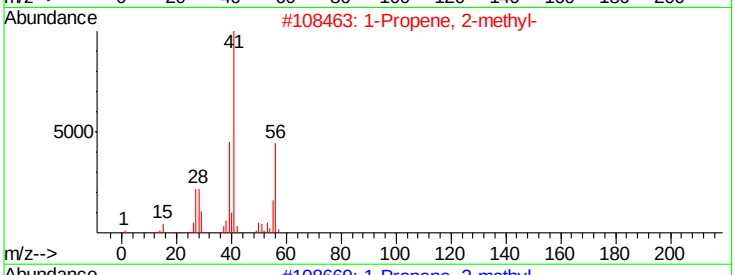
****

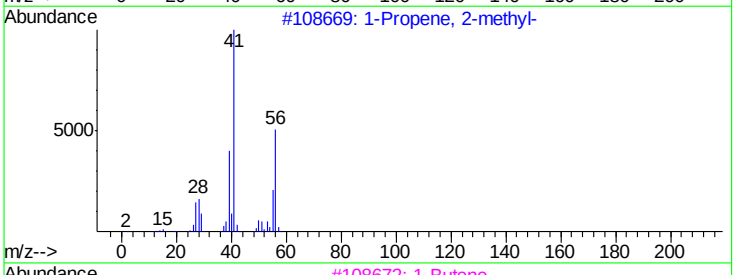
Peak Number 1 cycloalkane/alkene Concentration Rank 1

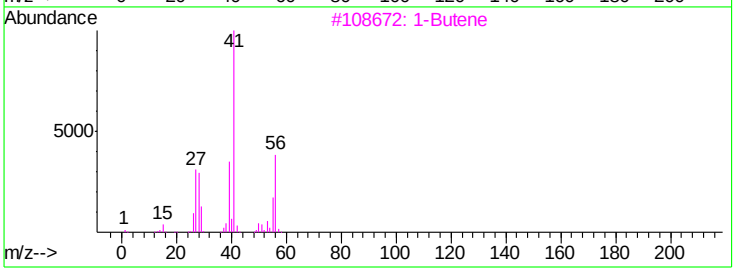
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	16.33 PPb	195633	BROMOCHLOROMETHANE	9.59

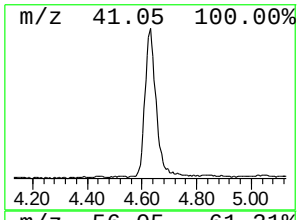
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
3	1-Butene	56	C4H8	000106-98-9	64
4	1-Butene	56	C4H8	000106-98-9	64

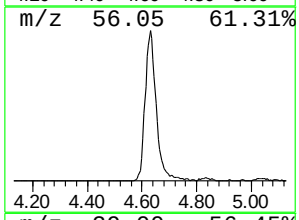


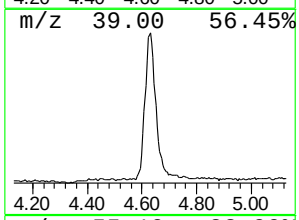


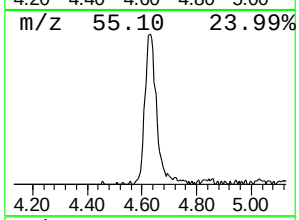


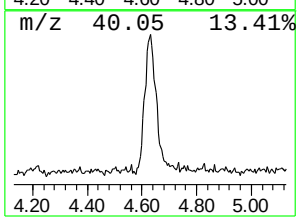












Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 7:54 pm
Data File: C:\MSDCHEM\1\DATA\3C13344.D
Name: J29228-29
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
cycloalkane/alkene	4.63	16.3	PPb	195633	2	9.59	359482	30.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13345.D Vial: 17
Acq On : 6 May 2006 8:22 pm Operator: PINGM
Sample : J29228-30 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 20:46:21 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

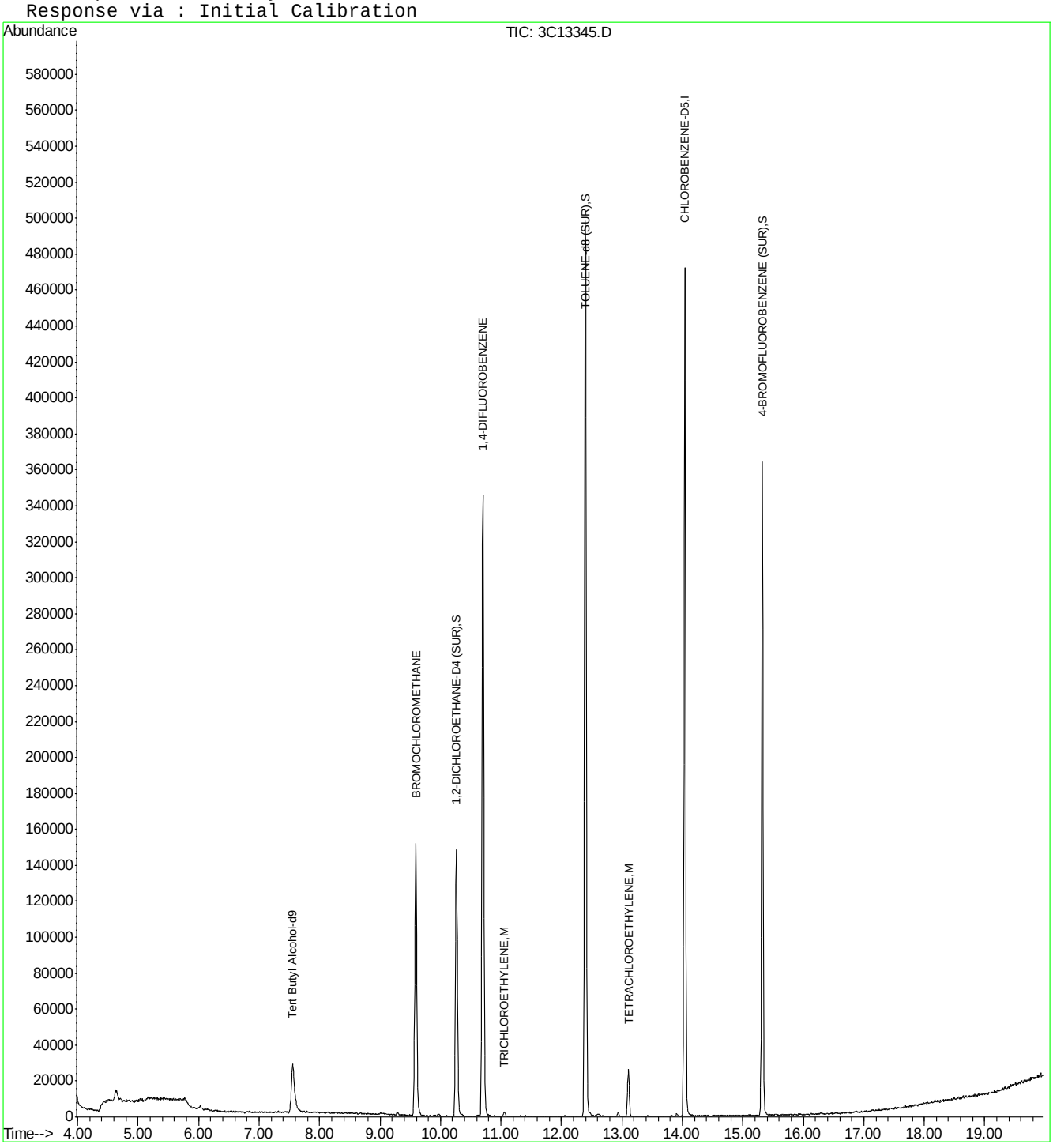
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	50459	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	45724	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	286472	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	260972	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	132719	31.10	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 103.67%						
52) TOLUENE-d8 (SUR)	12.39	98	353359	29.89	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 99.63%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	135958	27.61	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 92.03%						
Target Compounds						Qvalue
42) TRICHLOROETHYLENE	11.06	95	1020	0.29	PPb	82
55) TETRACHLOROETHYLENE	13.10	164	6413	2.59	PPb	91

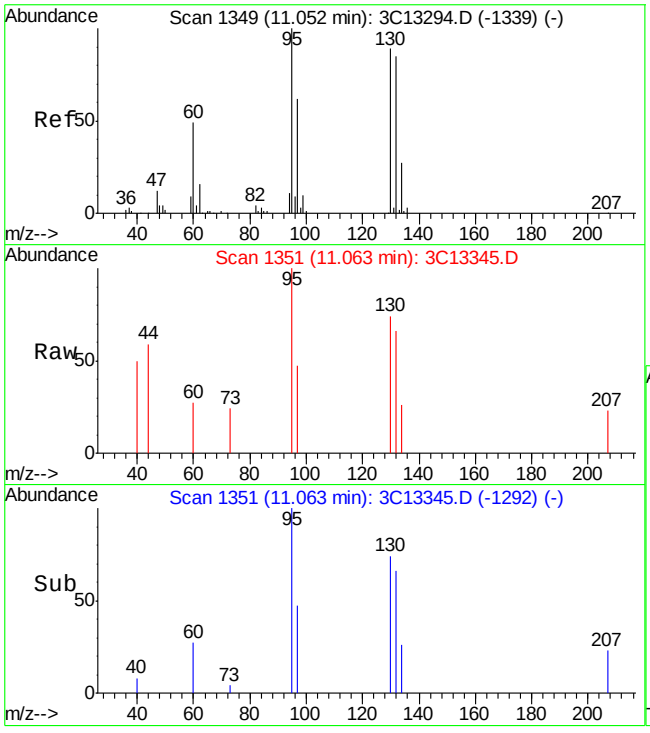
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13345.D Vial: 17
Acq On : 6 May 2006 8:22 pm Operator: PINGM
Sample : J29228-30 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:02 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

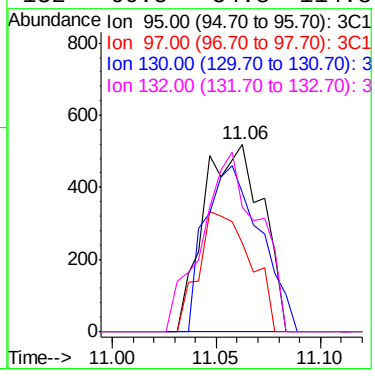


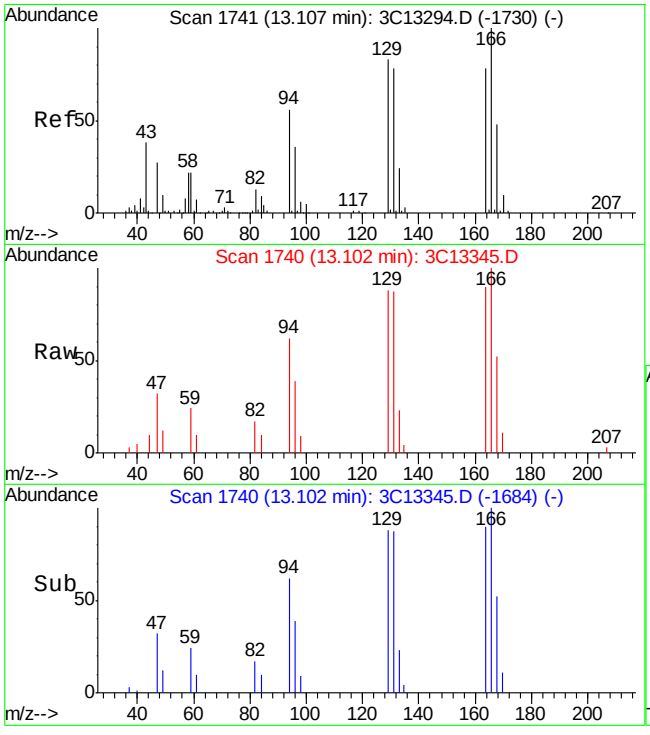


#42
TRICHLOROETHYLENE
Concen: 0.29 PPb
RT: 11.06 min Scan# 1351
Delta R.T. 0.01 min
Lab File: 3C13345.D
Acq: 6 May 2006 8:22 pm

Tgt Ion: 95 Resp: 1020

Ion	Ratio	Lower	Upper
95	100		
97	47.2	32.3	92.3
130	74.4	59.3	119.3
132	66.5	54.8	114.8

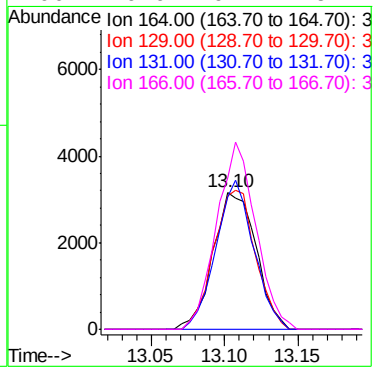




#55
TETRACHLOROETHYLENE
Concen: 2.59 PPb
RT: 13.10 min Scan# 1740
Delta R.T. -0.01 min
Lab File: 3C13345.D
Acq: 6 May 2006 8:22 pm

Tgt Ion:164 Resp: 6413

Ion	Ratio	Lower	Upper
164	100		
129	97.6	75.4	135.4
131	96.7	69.3	129.3
166	110.9	97.4	157.4



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13345.D Vial: 17
Acq On : 6 May 2006 8:22 pm Operator: PINGM
Sample : J29228-30 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.168	35	36	39	rBV3	595	384	0.04%	0.009%
2	4.425	70	85	86	rBV5	5444	15998	1.69%	0.393%
3	4.635	118	125	132	rBV6	5936	13233	1.40%	0.325%
4	6.029	385	391	401	rVB8	2359	6287	0.67%	0.155%
5	6.244	430	432	435	rBV3	664	852	0.09%	0.021%
6	6.312	442	445	446	rVB2	869	712	0.08%	0.018%
7	6.349	450	452	454	rBV3	769	584	0.06%	0.014%
8	6.428	464	467	469	rVB3	782	782	0.08%	0.019%
9	6.485	475	478	480	rVB3	1162	1152	0.12%	0.028%
10	6.512	480	483	484	rBV2	877	986	0.10%	0.024%
11	6.527	484	486	489	rVV3	1124	1222	0.13%	0.030%
12	6.580	493	496	498	rVV3	773	669	0.07%	0.016%
13	6.606	498	501	503	rVB3	788	709	0.08%	0.017%
14	6.622	503	504	509	rBV5	681	827	0.09%	0.020%
15	6.711	520	521	524	rVB2	693	400	0.04%	0.010%
16	6.769	531	532	535	rBV2	627	691	0.07%	0.017%
17	7.004	575	577	579	rBV3	784	642	0.07%	0.016%
18	7.282	629	630	633	rBV3	891	697	0.07%	0.017%
19	7.319	633	637	643	rVB3	1214	1562	0.17%	0.038%
20	7.461	662	664	668	rVB2	814	827	0.09%	0.020%
21	7.555	668	682	702	rBV2	27517	107508	11.38%	2.643%
22	7.728	712	715	717	rBV2	753	674	0.07%	0.017%
23	8.116	783	789	791	rBV5	758	1466	0.16%	0.036%
24	8.137	791	793	798	rVV5	553	695	0.07%	0.017%
25	8.263	816	817	823	rVB4	481	527	0.06%	0.013%
26	8.310	823	826	828	rVV3	685	562	0.06%	0.014%
27	8.336	829	831	835	rVB2	675	538	0.06%	0.013%
28	8.368	835	837	839	rVB	733	484	0.05%	0.012%
29	8.488	858	860	863	rVB2	667	430	0.05%	0.011%
30	8.609	880	883	886	rVB2	697	694	0.07%	0.017%
31	8.682	890	897	899	rBV5	959	1687	0.18%	0.041%
32	8.724	903	905	908	rBV3	540	421	0.04%	0.010%
33	8.871	931	933	937	rVB2	432	553	0.06%	0.014%
34	9.013	956	960	967	rBV2	682	1346	0.14%	0.033%
35	9.096	974	976	981	rVB3	418	510	0.05%	0.013%
36	9.191	989	994	996	rBV3	393	467	0.05%	0.011%
37	9.285	1007	1012	1018	rVB5	1635	3353	0.35%	0.082%
38	9.322	1018	1019	1024	rBV2	668	643	0.07%	0.016%

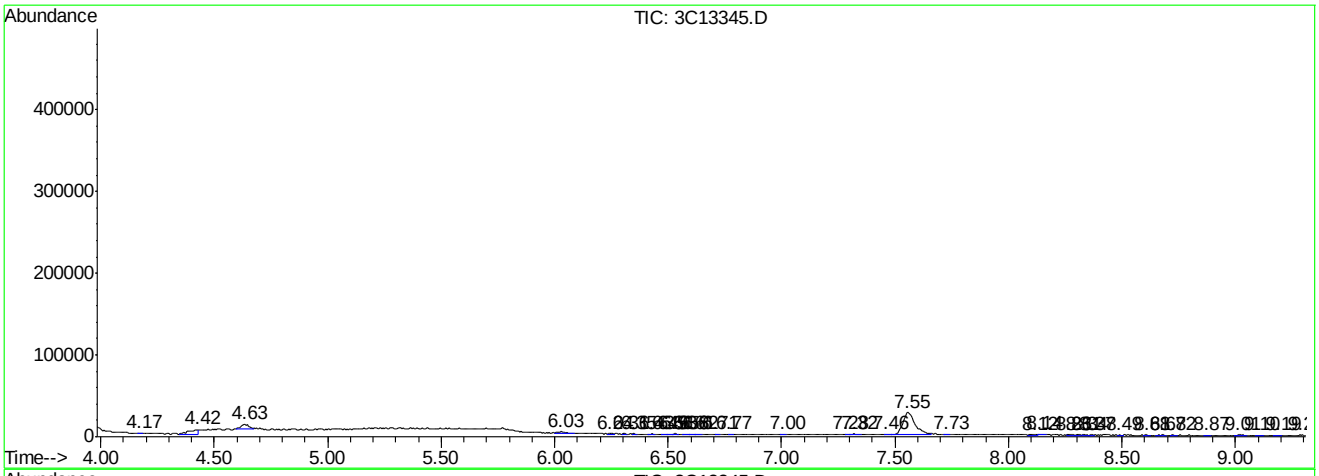
39	9.411	1034	1036	1041	rBV3	511	538	0.06%	0.013%
40	9.490	1050	1051	1059	rVB2	509	524	0.06%	0.013%
41	9.595	1059	1071	1089	rVV	151615	352150	37.28%	8.657%
42	9.699	1089	1091	1098	rVB2	562	678	0.07%	0.017%
43	9.888	1124	1127	1129	rBV	720	698	0.07%	0.017%
44	9.967	1136	1142	1152	rBV4	1228	3099	0.33%	0.076%
45	10.266	1187	1199	1224	rBV	148544	330811	35.02%	8.132%
46	10.612	1261	1265	1272	rVB4	607	960	0.10%	0.024%
47	10.701	1272	1282	1299	rBV	345645	703380	74.46%	17.290%
48	10.890	1312	1318	1320	rVB	453	460	0.05%	0.011%
49	11.052	1343	1349	1359	rBV4	2298	4339	0.46%	0.107%
50	11.220	1377	1381	1384	rBV2	312	471	0.05%	0.012%
51	12.394	1596	1605	1634	rBV	498493	944667	100.00%	23.222%
52	12.615	1639	1647	1657	rVV4	1312	3756	0.40%	0.092%
53	12.683	1657	1660	1665	rVB3	431	507	0.05%	0.012%
54	12.934	1700	1708	1718	rBV4	2182	4325	0.46%	0.106%
55	13.107	1733	1741	1749	rBV	26166	49769	5.27%	1.223%
56	13.312	1777	1780	1788	rVB	244	427	0.05%	0.010%
57	13.815	1872	1876	1883	rVB3	320	505	0.05%	0.012%
58	13.904	1885	1893	1899	rBV3	1275	2220	0.24%	0.055%
59	14.041	1907	1919	1936	rBV	471785	834569	88.35%	20.515%
60	14.135	1936	1937	1940	rVV3	915	719	0.08%	0.018%
61	14.177	1944	1945	1950	rVB2	372	456	0.05%	0.011%
62	14.439	1993	1995	2000	rVB	459	402	0.04%	0.010%
63	14.544	2012	2015	2018	rVB	388	409	0.04%	0.010%
64	14.769	2055	2058	2063	rBV2	285	411	0.04%	0.010%
65	15.121	2123	2125	2130	rVB3	562	704	0.07%	0.017%
66	15.210	2141	2142	2146	rBV3	313	387	0.04%	0.010%
67	15.320	2153	2163	2183	rBV	364059	627949	66.47%	15.436%
68	15.441	2183	2186	2187	rVB3	440	404	0.04%	0.010%
69	15.451	2187	2188	2190	rBV2	662	392	0.04%	0.010%
70	15.551	2202	2207	2211	rBV4	386	730	0.08%	0.018%
71	15.650	2222	2226	2229	rVB2	399	471	0.05%	0.012%
72	15.729	2233	2241	2242	rBV3	472	993	0.11%	0.024%
73	15.808	2249	2256	2261	rVB4	731	1107	0.12%	0.027%
74	15.923	2274	2278	2281	rBV2	691	643	0.07%	0.016%
75	15.949	2281	2283	2286	rBV3	675	501	0.05%	0.012%
76	16.080	2305	2308	2312	rVB4	515	578	0.06%	0.014%
77	16.127	2312	2317	2320	rBV2	1077	1485	0.16%	0.037%
78	16.206	2330	2332	2337	rBV3	562	679	0.07%	0.017%
79	16.253	2338	2341	2343	rVB3	626	534	0.06%	0.013%
80	16.290	2343	2348	2352	rBV3	970	1484	0.16%	0.036%
81	16.389	2364	2367	2371	rVB3	512	581	0.06%	0.014%
82	16.442	2371	2377	2380	rBV4	514	799	0.08%	0.020%
83	16.526	2387	2393	2395	rBV6	725	1121	0.12%	0.028%
84	16.542	2395	2396	2402	rVB4	682	804	0.09%	0.020%
85	16.604	2402	2408	2409	rVB5	468	678	0.07%	0.017%
86	16.615	2409	2410	2413	rBV3	540	442	0.05%	0.011%
87	16.641	2413	2415	2417	rBV2	580	485	0.05%	0.012%
88	16.736	2427	2433	2436	rBV6	819	1496	0.16%	0.037%
89	16.762	2436	2438	2441	rVB2	1069	648	0.07%	0.016%
90	16.798	2441	2445	2450	rBV5	814	1733	0.18%	0.043%
91	16.851	2453	2455	2458	rBV4	700	839	0.09%	0.021%
92	16.903	2464	2465	2468	rBV3	684	591	0.06%	0.015%
93	17.076	2497	2498	2503	rVB4	609	553	0.06%	0.014%
94	17.118	2503	2506	2507	rBV3	772	635	0.07%	0.016%
95	17.150	2509	2512	2516	rVB5	789	1258	0.13%	0.031%

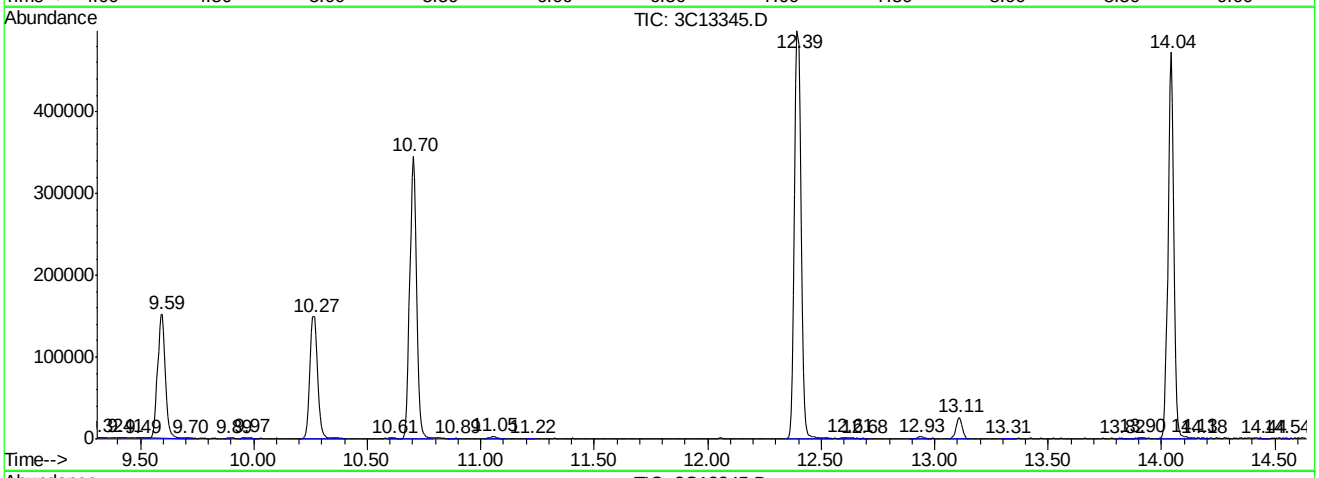
96	17.302	2539	2541	2542	rBV2	710	561	0.06%	0.014%
97	17.438	2564	2567	2568	rBV3	709	572	0.06%	0.014%
98	17.512	2580	2581	2585	rBV3	921	921	0.10%	0.023%
99	17.559	2588	2590	2591	rBV2	708	545	0.06%	0.013%
100	17.637	2603	2605	2608	rBV4	849	704	0.07%	0.017%

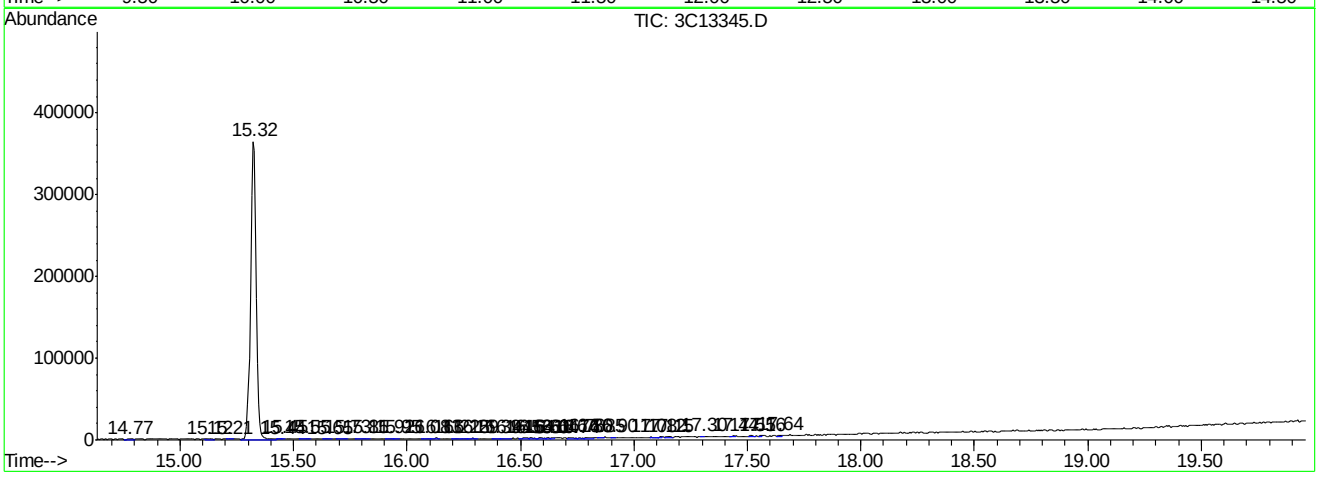
Sum of corrected areas: 4068031

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13345.D
Operator : PINGM
Acquired : 6 May 2006 8:22 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-30
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 17
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 8:22 pm
Data File: C:\MSDCHEM\1\DATA\3C13345.D
Name: J29228-30
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13346.D Vial: 18
Acq On : 6 May 2006 8:51 pm Operator: PINGM
Sample : J29228-31 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 21:15:04 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

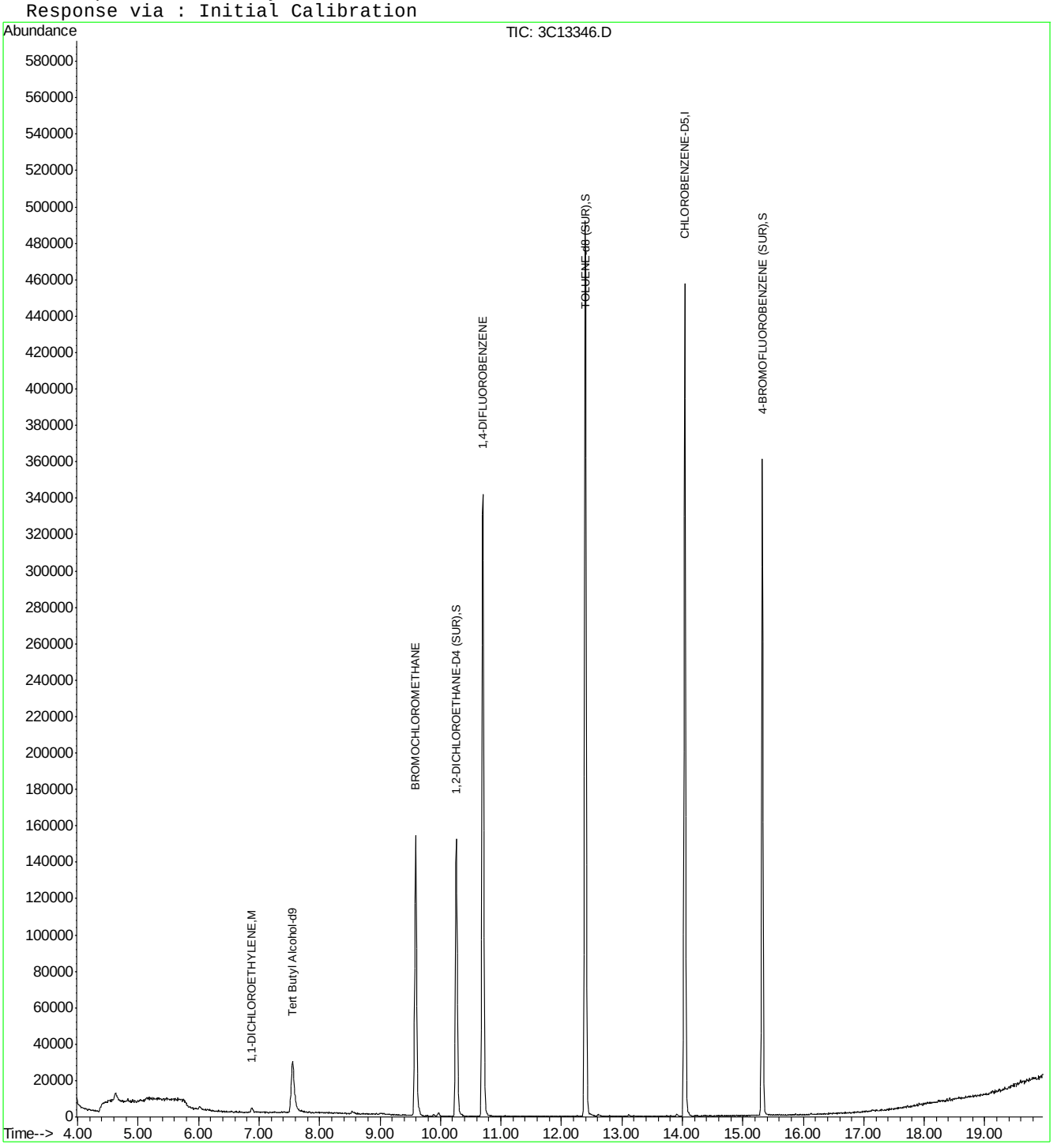
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	52766	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	45092	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	280832	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	253418	30.00	PPb	0.00
System Monitoring Compounds						
35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	134351	31.92	PPb	0.00
Spiked Amount 30.000 Range 67 - 138 Recovery = 106.40%						
52) TOLUENE-d8 (SUR)	12.39	98	344296	29.71	PPb	0.00
Spiked Amount 30.000 Range 85 - 120 Recovery = 99.03%						
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	133032	27.82	PPb	0.00
Spiked Amount 30.000 Range 78 - 117 Recovery = 92.73%						
Target Compounds						Qvalue
14) 1,1-DICHLOROETHYLENE	6.87	96	1980	0.70	PPb	74

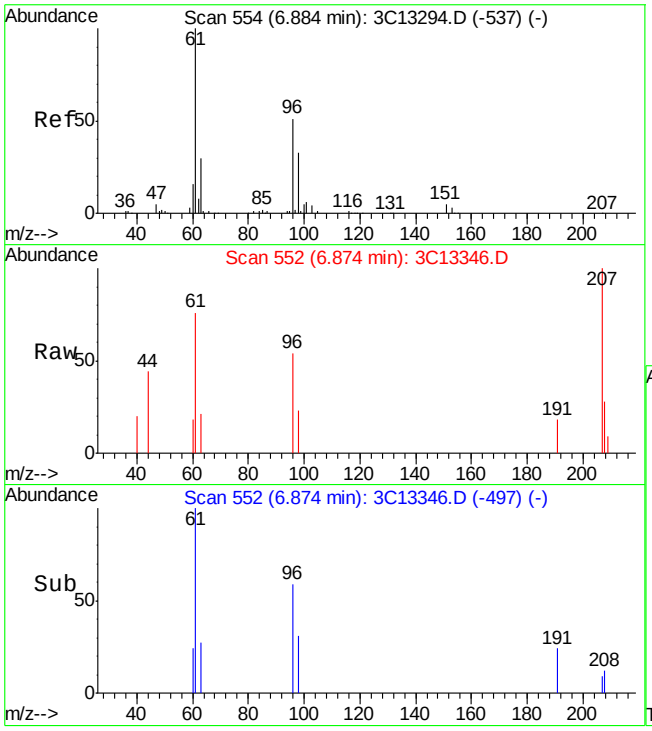
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13346.D Vial: 18
Acq On : 6 May 2006 8:51 pm Operator: PINGM
Sample : J29228-31 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:04 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

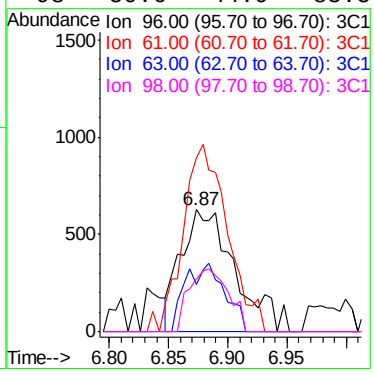




#14
1,1-DICHLOROETHYLENE
Concen: 0.70 PPb
RT: 6.87 min Scan# 552
Delta R.T. -0.01 min
Lab File: 3C13346.D
Acq: 6 May 2006 8:51 pm

Tgt Ion: 96 Resp: 1980

Ion	Ratio	Lower	Upper
96	100		
61	151.6	137.9	256.1
63	45.2	42.1	78.1
98	50.6	44.9	83.5



ACCUTEST Laboratories

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13346.D Vial: 18
Acq On : 6 May 2006 8:51 pm Operator: PINGM
Sample : J29228-31 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

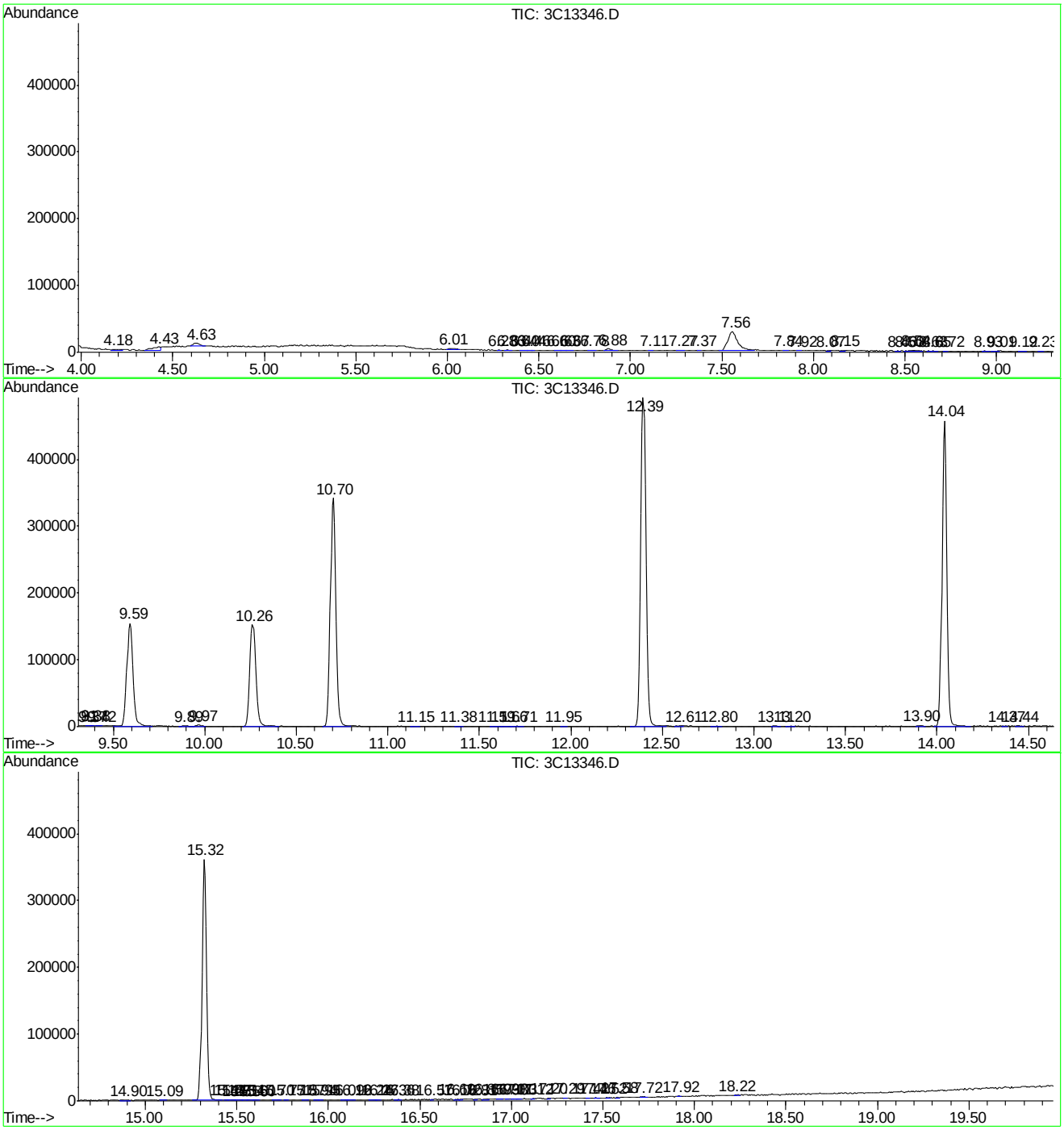
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.179	35	38	47	rBV6	1114	2393	0.26%	0.061%
2	4.430	70	86	87	rBV9	5094	17313	1.87%	0.439%
3	4.635	118	125	133	rVB5	3831	9286	1.00%	0.236%
4	6.014	384	388	398	rVB10	1618	3765	0.41%	0.096%
5	6.281	437	439	441	rBV3	633	417	0.05%	0.011%
6	6.328	445	448	452	rBV4	839	897	0.10%	0.023%
7	6.402	461	462	468	rVB3	583	866	0.09%	0.022%
8	6.438	468	469	473	rVB3	608	623	0.07%	0.016%
9	6.465	473	474	476	rBV2	665	418	0.05%	0.011%
10	6.601	497	500	503	rBV3	681	703	0.08%	0.018%
11	6.627	503	505	509	rVB4	815	625	0.07%	0.016%
12	6.674	509	514	516	rBV3	755	623	0.07%	0.016%
13	6.784	531	535	540	rBV5	365	438	0.05%	0.011%
14	6.884	548	554	563	rVB5	2485	6072	0.66%	0.154%
15	7.109	595	597	599	rBV3	704	729	0.08%	0.018%
16	7.267	624	627	632	rVB5	494	651	0.07%	0.017%
17	7.372	645	647	649	rBV3	790	546	0.06%	0.014%
18	7.555	668	682	705	rBV2	28345	109919	11.88%	2.789%
19	7.838	735	736	741	rVB4	601	722	0.08%	0.018%
20	7.917	749	751	754	rBV3	517	555	0.06%	0.014%
21	8.074	780	781	785	rBV3	723	734	0.08%	0.019%
22	8.153	794	796	800	rBV5	652	653	0.07%	0.017%
23	8.462	852	855	857	rBV3	464	581	0.06%	0.015%
24	8.504	861	863	864	rBV2	541	441	0.05%	0.011%
25	8.536	865	869	880	rVB4	1477	3286	0.36%	0.083%
26	8.630	885	887	889	rBV2	972	584	0.06%	0.015%
27	8.651	889	891	896	rVB3	660	558	0.06%	0.014%
28	8.724	902	905	906	rBV3	552	462	0.05%	0.012%
29	8.934	942	945	950	rVB3	796	1059	0.11%	0.027%
30	9.007	952	959	960	rBV4	634	905	0.10%	0.023%
31	9.123	980	981	988	rVB5	385	481	0.05%	0.012%
32	9.233	1001	1002	1006	rVB2	400	384	0.04%	0.010%
33	9.312	1014	1017	1021	rVB3	508	595	0.06%	0.015%
34	9.369	1024	1028	1029	rVV2	406	422	0.05%	0.011%
35	9.380	1029	1030	1033	rVV	659	457	0.05%	0.012%
36	9.416	1035	1037	1041	rVB3	538	624	0.07%	0.016%
37	9.589	1053	1070	1093	rVB	154072	353134	38.18%	8.959%
38	9.888	1121	1127	1136	rBV4	908	1912	0.21%	0.049%

39	9.967	1136	1142	1149	rVV4	1952	3778	0.41%	0.096%
40	10.261	1188	1198	1225	rBV	152301	335299	36.25%	8.506%
41	10.701	1271	1282	1300	rBV	341714	691063	74.72%	17.532%
42	11.147	1362	1367	1372	rVB2	241	407	0.04%	0.010%
43	11.377	1409	1411	1417	rBV2	250	396	0.04%	0.010%
44	11.587	1445	1451	1456	rBV2	197	443	0.05%	0.011%
45	11.655	1457	1464	1467	rVV2	303	392	0.04%	0.010%
46	11.708	1467	1474	1480	rBV2	363	519	0.06%	0.013%
47	11.949	1519	1520	1525	rBV	373	458	0.05%	0.012%
48	12.394	1591	1605	1629	rBV	492322	924891	100.00%	23.464%
49	12.609	1638	1646	1647	rBV2	740	1072	0.12%	0.027%
50	12.798	1675	1682	1687	rVB	378	562	0.06%	0.014%
51	13.113	1738	1742	1748	rVB4	939	1274	0.14%	0.032%
52	13.202	1753	1759	1763	rVB2	405	579	0.06%	0.015%
53	13.904	1889	1893	1899	rVB3	1035	1843	0.20%	0.047%
54	14.041	1908	1919	1946	rVB	457139	813766	87.99%	20.645%
55	14.371	1979	1982	1984	rBV2	333	385	0.04%	0.010%
56	14.445	1993	1996	2001	rVB2	264	382	0.04%	0.010%
57	14.901	2076	2083	2086	rVB3	386	573	0.06%	0.015%
58	15.095	2117	2120	2124	rBV2	484	442	0.05%	0.011%
59	15.320	2151	2163	2182	rBV	360848	612601	66.23%	15.541%
60	15.441	2184	2186	2188	rVB2	595	468	0.05%	0.012%
61	15.467	2188	2191	2195	rBV4	608	682	0.07%	0.017%
62	15.514	2195	2200	2203	rBV3	447	561	0.06%	0.014%
63	15.540	2203	2205	2208	rVB3	621	524	0.06%	0.013%
64	15.561	2208	2209	2214	rBV3	463	502	0.05%	0.013%
65	15.603	2214	2217	2221	rBV2	427	693	0.07%	0.018%
66	15.703	2234	2236	2243	rBV3	355	448	0.05%	0.011%
67	15.766	2246	2248	2251	rBV2	583	490	0.05%	0.012%
68	15.871	2265	2268	2272	rVB3	682	452	0.05%	0.011%
69	15.939	2277	2281	2282	rBV	486	442	0.05%	0.011%
70	15.954	2282	2284	2287	rBV2	515	400	0.04%	0.010%
71	16.086	2306	2309	2312	rVB3	577	631	0.07%	0.016%
72	16.122	2312	2316	2321	rBV3	991	1959	0.21%	0.050%
73	16.238	2335	2338	2342	rVB2	616	656	0.07%	0.017%
74	16.274	2342	2345	2347	rBV2	576	405	0.04%	0.010%
75	16.363	2361	2362	2365	rVB2	514	402	0.04%	0.010%
76	16.384	2365	2366	2369	rBV	643	381	0.04%	0.010%
77	16.568	2399	2401	2402	rBV	1048	589	0.06%	0.015%
78	16.694	2423	2425	2429	rVB4	712	434	0.05%	0.011%
79	16.720	2429	2430	2433	rBV2	622	483	0.05%	0.012%
80	16.809	2444	2447	2448	rBV2	539	581	0.06%	0.015%
81	16.846	2453	2454	2460	rBV4	877	1369	0.15%	0.035%
82	16.935	2468	2471	2474	rBV3	681	937	0.10%	0.024%
83	16.977	2477	2479	2481	rVV3	657	554	0.06%	0.014%
84	17.008	2483	2485	2487	rVB3	711	565	0.06%	0.014%
85	17.029	2488	2489	2494	rVB3	343	532	0.06%	0.013%
86	17.118	2503	2506	2507	rBV2	487	408	0.04%	0.010%
87	17.197	2520	2521	2524	rBV3	944	854	0.09%	0.022%
88	17.291	2537	2539	2541	rBV3	681	615	0.07%	0.016%
89	17.423	2561	2564	2565	rBV3	1170	838	0.09%	0.021%
90	17.459	2569	2571	2575	rBV5	864	1137	0.12%	0.029%
91	17.522	2582	2583	2586	rBV3	727	538	0.06%	0.014%
92	17.580	2592	2594	2596	rBV3	923	675	0.07%	0.017%
93	17.716	2617	2620	2625	rBV5	1354	2032	0.22%	0.052%
94	17.915	2656	2658	2660	rBV3	1273	898	0.10%	0.023%
95	18.225	2715	2717	2721	rBV5	1381	1644	0.18%	0.042%

Sum of corrected areas: 3941737

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13346.D
Operator : PINGM
Acquired : 6 May 2006 8:51 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-31
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 18
Quant File :M3C576.RES (RTE Integrator)



6.1.62
6
ACCUTEST Laboratories
J29228

Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 8:51 pm
Data File: C:\MSDCHEM\1\DATA\3C13346.D
Name: J29228-31
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13347.D Vial: 19
Acq On : 6 May 2006 9:20 pm Operator: PINGM
Sample : J29228-32 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 21:43:45 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	50867	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	43523	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	271661	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	245077	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	131122	32.28	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 107.60%			
52) TOLUENE-d8 (SUR)	12.39	98	331492	29.57	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.57%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	127819	27.64	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.13%			

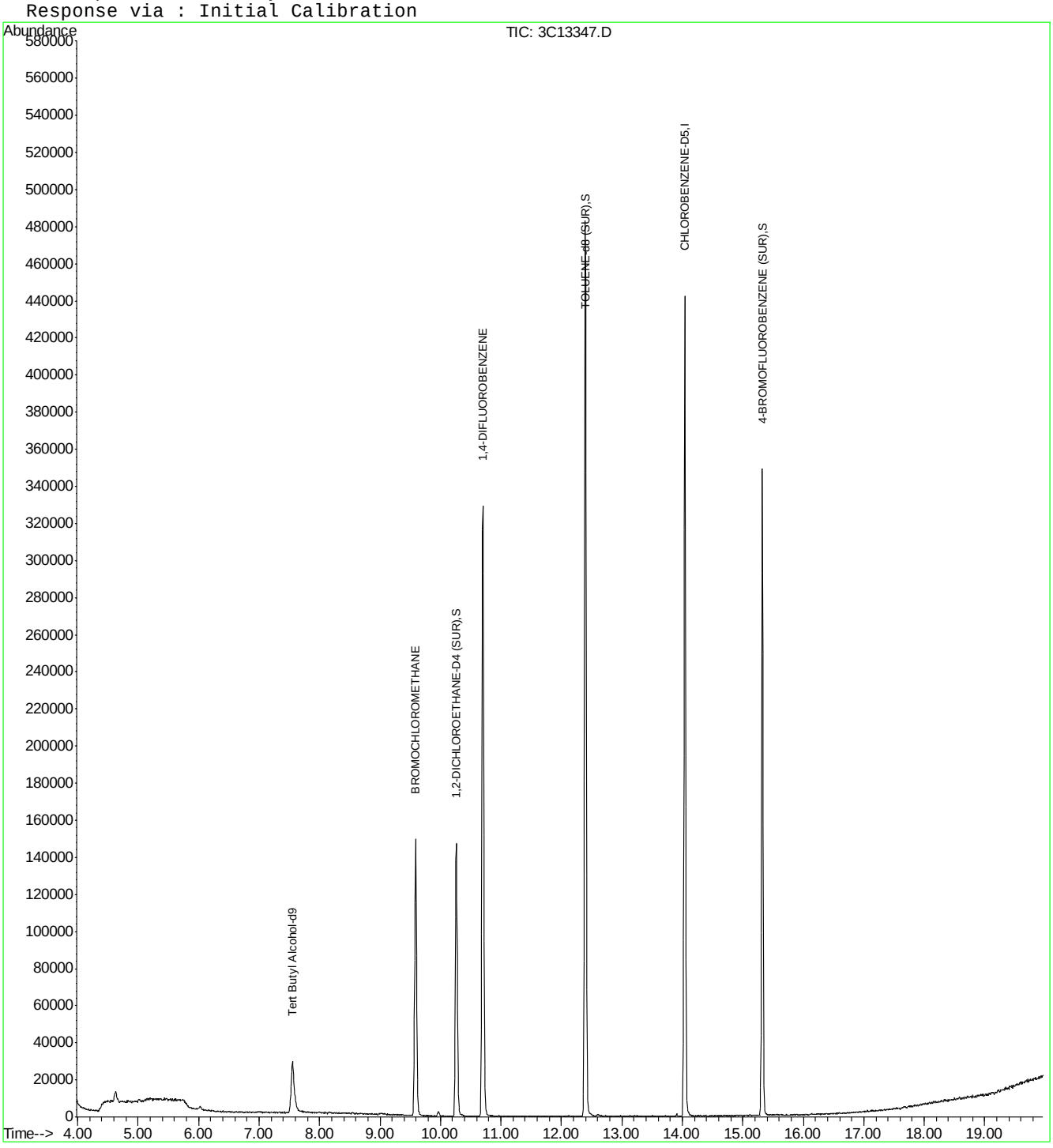
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13347.D Vial: 19
Acq On : 6 May 2006 9:20 pm Operator: PINGM
Sample : J29228-32 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:04 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



ACCUTEST Laboratories J29228

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13347.D Vial: 19
Acq On : 6 May 2006 9:20 pm Operator: PINGM
Sample : J29228-32 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

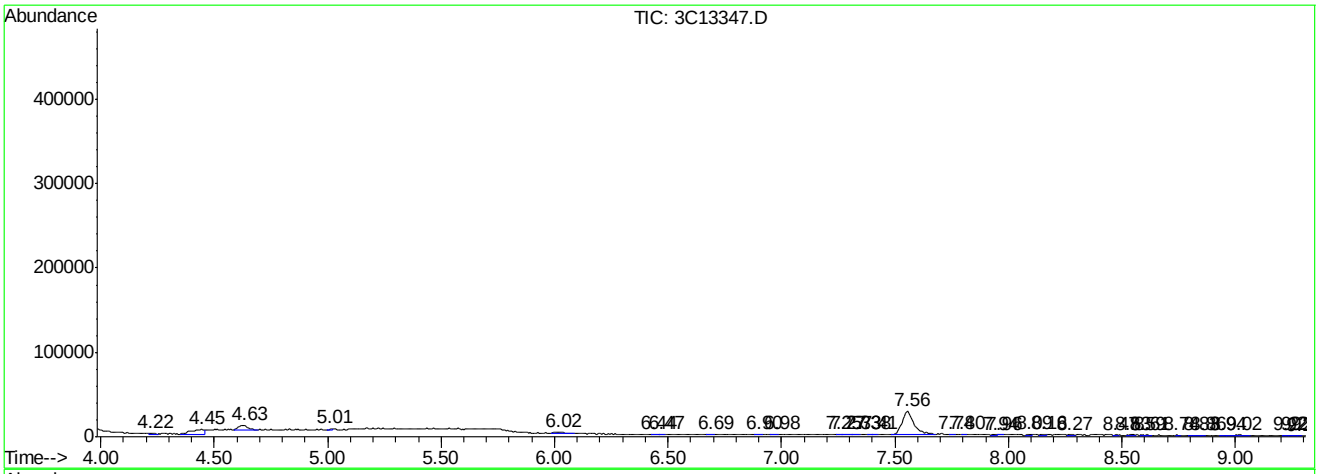
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.221	44	46	52	rVB5	996	1163	0.13%	0.030%
2	4.446	71	89	91	rBV10	5621	21704	2.44%	0.567%
3	4.635	116	125	136	rVB5	6016	17983	2.02%	0.470%
4	5.012	194	197	199	rBV3	1783	1937	0.22%	0.051%
5	6.019	383	389	401	rVB7	2141	6355	0.71%	0.166%
6	6.438	466	469	473	rVB4	448	710	0.08%	0.019%
7	6.470	473	475	478	rBV	533	591	0.07%	0.015%
8	6.690	513	517	519	rBV2	466	462	0.05%	0.012%
9	6.900	553	557	560	rVB5	672	832	0.09%	0.022%
10	6.978	566	572	573	rVB5	784	868	0.10%	0.023%
11	7.251	622	624	627	rVB3	730	523	0.06%	0.014%
12	7.272	627	628	635	rBV4	688	743	0.08%	0.019%
13	7.335	635	640	642	rBV3	676	799	0.09%	0.021%
14	7.382	648	649	652	rVB2	855	603	0.07%	0.016%
15	7.408	652	654	657	rBV3	686	699	0.08%	0.018%
16	7.555	668	682	705	rBV	27729	106108	11.92%	2.774%
17	7.744	717	718	722	rBV2	629	814	0.09%	0.021%
18	7.796	727	728	731	rVB3	593	505	0.06%	0.013%
19	7.943	752	756	758	rBV4	641	891	0.10%	0.023%
20	7.959	758	759	762	rBV3	590	541	0.06%	0.014%
21	8.090	781	784	787	rBV4	674	606	0.07%	0.016%
22	8.158	792	797	799	rBV3	1199	1727	0.19%	0.045%
23	8.268	816	818	823	rBV2	689	1023	0.11%	0.027%
24	8.473	855	857	859	rVB2	563	420	0.05%	0.011%
25	8.525	866	867	873	rBV4	864	1467	0.16%	0.038%
26	8.593	877	880	881	rVV3	567	455	0.05%	0.012%
27	8.609	881	883	887	rVB4	894	801	0.09%	0.021%
28	8.740	907	908	911	rBV2	559	392	0.04%	0.010%
29	8.829	918	925	928	rVB4	377	701	0.08%	0.018%
30	8.855	928	930	932	rBV3	518	431	0.05%	0.011%
31	8.945	944	947	950	rVB3	537	532	0.06%	0.014%
32	9.018	950	961	970	rBV4	956	3809	0.43%	0.100%
33	9.222	997	1000	1002	rVB	663	639	0.07%	0.017%
34	9.259	1002	1007	1009	rVV3	678	731	0.08%	0.019%
35	9.280	1009	1011	1013	rVV3	476	477	0.05%	0.012%
36	9.301	1013	1015	1018	rVB3	549	389	0.04%	0.010%
37	9.443	1040	1042	1047	rBV3	454	641	0.07%	0.017%
38	9.511	1051	1055	1057	rVV3	376	463	0.05%	0.012%

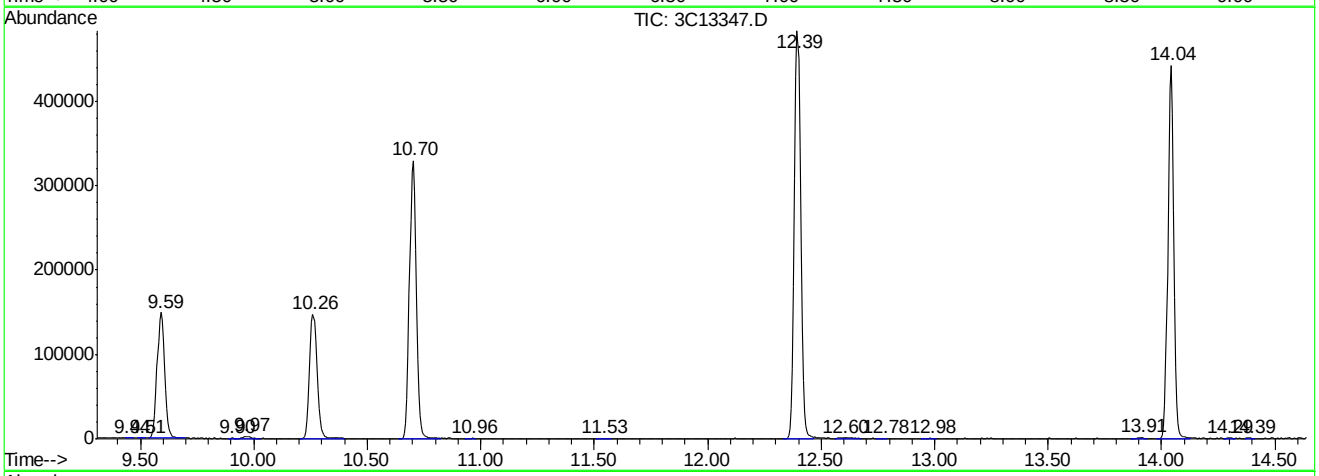
39	9.589	1060	1070	1090	rVV2	148974	337466	37.90%	8.824%
40	9.904	1127	1130	1133	rBV3	422	418	0.05%	0.011%
41	9.967	1133	1142	1153	rVV6	2497	6125	0.69%	0.160%
42	10.261	1187	1198	1224	rBV	147206	326971	36.72%	8.549%
43	10.701	1270	1282	1305	rBV	329094	671426	75.40%	17.556%
44	10.963	1326	1332	1334	rBV2	408	416	0.05%	0.011%
45	11.535	1436	1441	1448	rBV2	263	589	0.07%	0.015%
46	12.395	1593	1605	1619	rBV	483042	890469	100.00%	23.283%
47	12.599	1637	1644	1658	rVB2	807	2214	0.25%	0.058%
48	12.777	1671	1678	1680	rVB2	336	553	0.06%	0.014%
49	12.982	1709	1717	1721	rBV3	337	464	0.05%	0.012%
50	13.910	1885	1894	1899	rVB3	1349	1610	0.18%	0.042%
51	14.041	1907	1919	1935	rBV	441996	789010	88.61%	20.630%
52	14.292	1964	1967	1973	rVB3	244	407	0.05%	0.011%
53	14.392	1981	1986	1989	rBV2	318	504	0.06%	0.013%
54	14.696	2038	2044	2045	rBV3	313	423	0.05%	0.011%
55	14.775	2056	2059	2065	rBB2	407	565	0.06%	0.015%
56	15.116	2119	2124	2127	rBV3	577	796	0.09%	0.021%
57	15.320	2155	2163	2179	rBV	348751	590927	66.36%	15.451%
58	15.567	2207	2210	2212	rBV3	580	638	0.07%	0.017%
59	15.624	2218	2221	2226	rVB4	611	869	0.10%	0.023%
60	15.661	2226	2228	2231	rBV2	478	452	0.05%	0.012%
61	15.719	2238	2239	2243	rBV2	373	406	0.05%	0.011%
62	15.808	2252	2256	2257	rBV3	586	641	0.07%	0.017%
63	15.871	2265	2268	2269	rBV2	457	417	0.05%	0.011%
64	16.133	2310	2318	2326	rBV5	905	1905	0.21%	0.050%
65	16.222	2330	2335	2337	rBV3	507	540	0.06%	0.014%
66	16.343	2354	2358	2360	rVB4	481	608	0.07%	0.016%
67	16.384	2360	2366	2368	rBV4	793	1287	0.14%	0.034%
68	16.453	2376	2379	2381	rBV2	442	447	0.05%	0.012%
69	16.479	2383	2384	2389	rBV2	625	799	0.09%	0.021%
70	16.547	2395	2397	2399	rBV2	715	466	0.05%	0.012%
71	16.589	2403	2405	2409	rBV2	556	615	0.07%	0.016%
72	16.652	2414	2417	2419	rBV4	820	509	0.06%	0.013%
73	16.720	2426	2430	2431	rBV2	859	845	0.09%	0.022%
74	16.783	2440	2442	2447	rBV4	454	633	0.07%	0.017%
75	16.867	2455	2458	2460	rBV2	510	464	0.05%	0.012%
76	16.951	2472	2474	2476	rBV3	524	480	0.05%	0.013%
77	17.003	2481	2484	2487	rVB4	905	910	0.10%	0.024%
78	17.024	2487	2488	2492	rBV4	690	749	0.08%	0.020%
79	17.056	2492	2494	2496	rBV3	1075	604	0.07%	0.016%
80	17.098	2501	2502	2505	rVB2	599	397	0.04%	0.010%
81	17.124	2505	2507	2510	rBV3	877	861	0.10%	0.023%
82	17.244	2529	2530	2536	rBV3	622	866	0.10%	0.023%
83	17.291	2536	2539	2543	rVB4	760	1042	0.12%	0.027%
84	17.386	2551	2557	2558	rBV5	802	1258	0.14%	0.033%
85	17.485	2575	2576	2581	rBV4	936	1341	0.15%	0.035%
86	17.638	2598	2605	2606	rBV6	967	1650	0.19%	0.043%

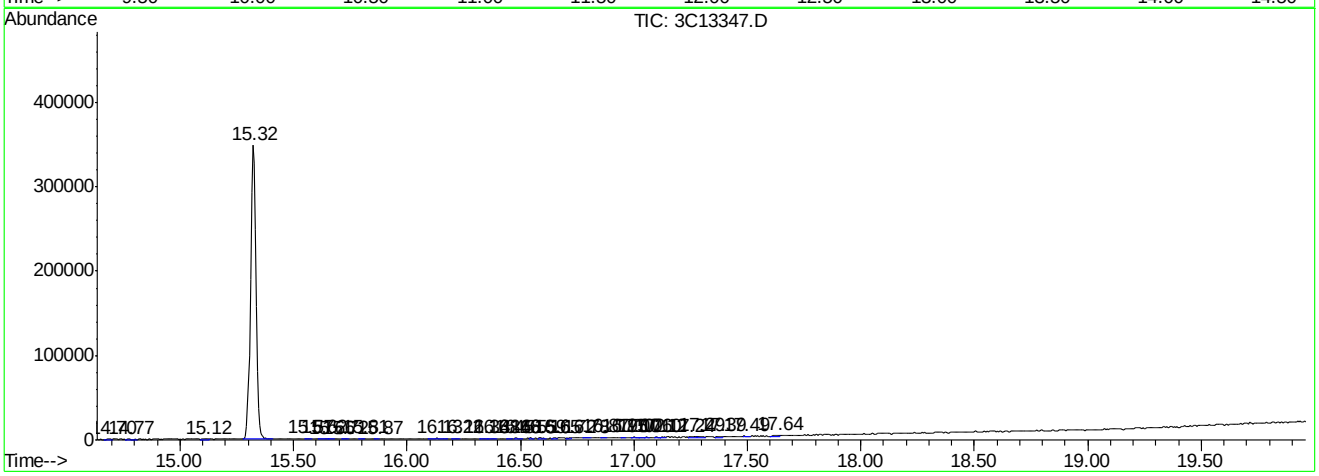
Sum of corrected areas: 3824587

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13347.D
Operator : PINGM
Acquired : 6 May 2006 9:20 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-32
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 19
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 9:20 pm
Data File: C:\MSDCHEM\1\DATA\3C13347.D
Name: J29228-32
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13348.D Vial: 20
Acq On : 6 May 2006 9:49 pm Operator: PINGM
Sample : J29228-33 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 22:12:48 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	50040	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	43229	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	265407	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	240242	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	131230	32.52	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 108.40%			
52) TOLUENE-d8 (SUR)	12.39	98	326316	29.80	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.33%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	125513	27.69	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.30%			

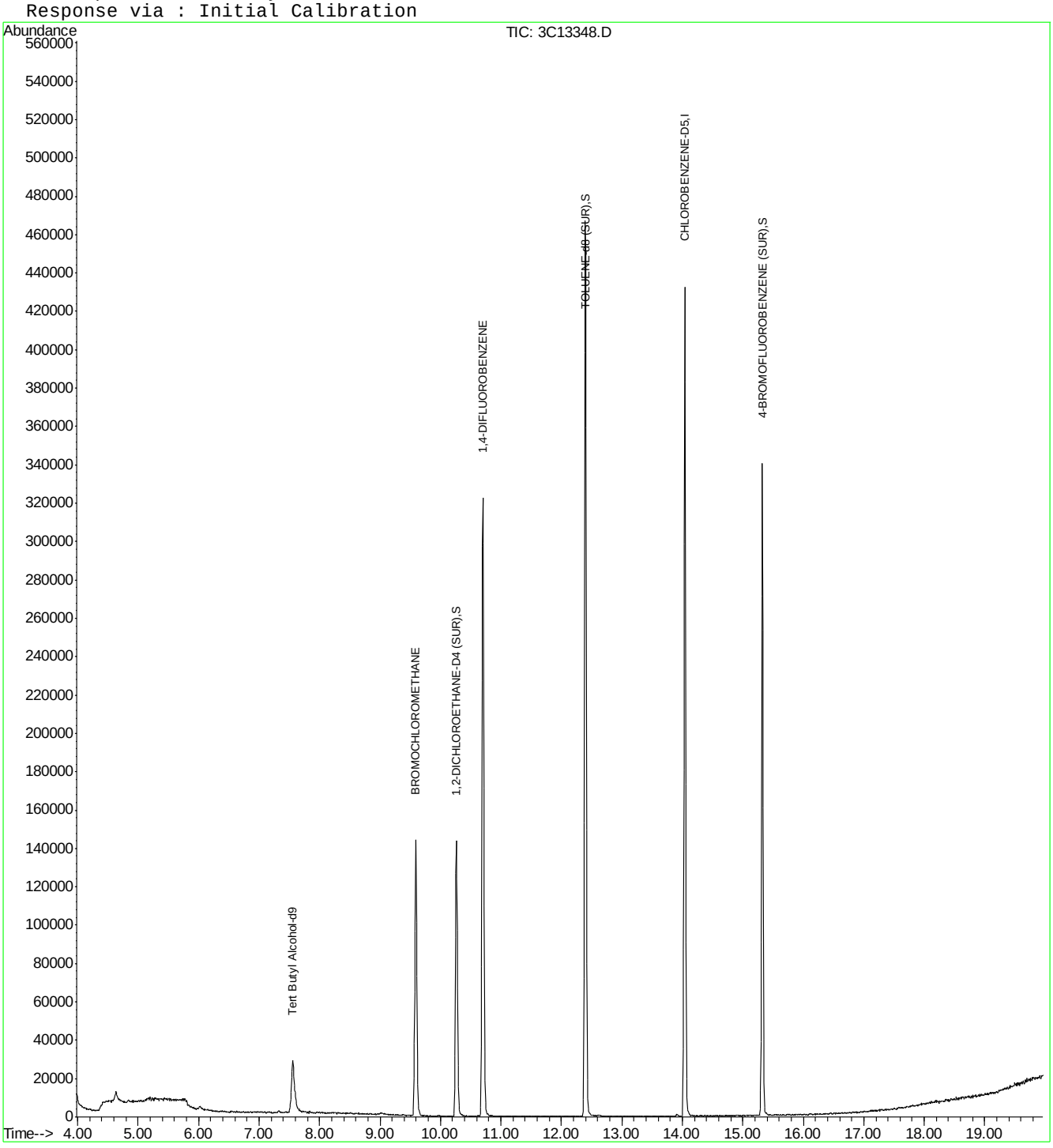
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13348.D Vial: 20
Acq On : 6 May 2006 9:49 pm Operator: PINGM
Sample : J29228-33 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:04 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13348.D Vial: 20
Acq On : 6 May 2006 9:49 pm Operator: PINGM
Sample : J29228-33 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

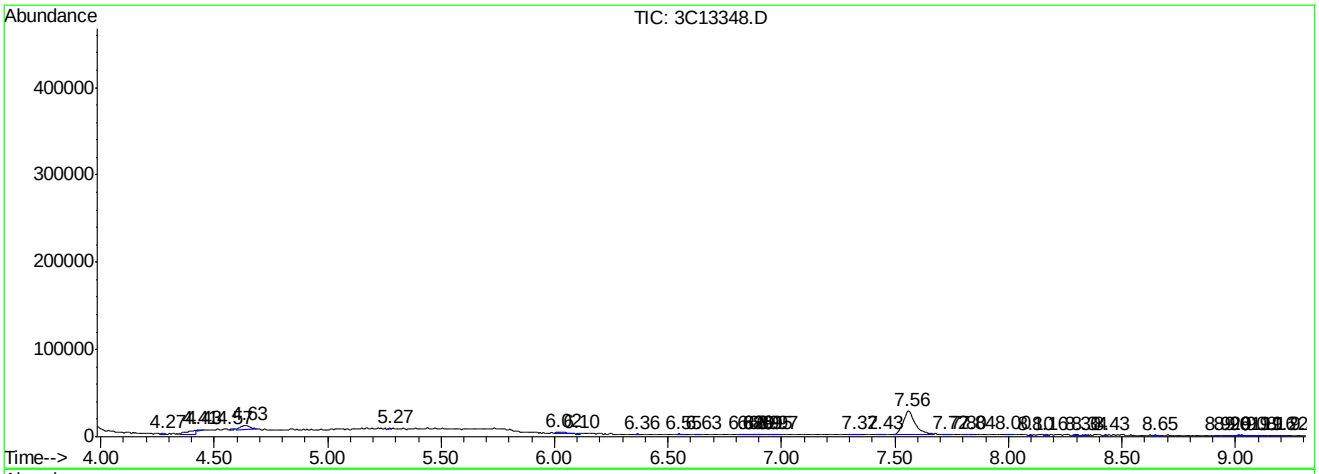
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.273	54	56	59	rBV4	787	689	0.08%	0.018%
2	4.415	71	83	84	rBV6	4525	10851	1.24%	0.290%
3	4.430	85	86	90	rVV4	895	1512	0.17%	0.040%
4	4.572	112	113	116	rBV3	887	839	0.10%	0.022%
5	4.635	118	125	135	rVB4	4826	13544	1.55%	0.362%
6	5.274	245	247	248	rBV2	1184	640	0.07%	0.017%
7	6.019	385	389	401	rVB7	1852	5688	0.65%	0.152%
8	6.098	403	404	407	rBV3	1000	841	0.10%	0.022%
9	6.365	453	455	457	rBV2	787	580	0.07%	0.016%
10	6.548	488	490	496	rBV3	768	626	0.07%	0.017%
11	6.632	503	506	508	rBV2	637	405	0.05%	0.011%
12	6.821	540	542	545	rBV3	630	380	0.04%	0.010%
13	6.863	546	550	552	rVB5	745	877	0.10%	0.023%
14	6.889	552	555	557	rBV3	612	529	0.06%	0.014%
15	6.910	557	559	562	rBV4	725	613	0.07%	0.016%
16	6.947	564	566	569	rVB4	631	474	0.05%	0.013%
17	6.973	569	571	576	rBV4	607	548	0.06%	0.015%
18	7.319	632	637	644	rVB6	851	1677	0.19%	0.045%
19	7.435	656	659	663	rBV4	639	899	0.10%	0.024%
20	7.555	670	682	704	rBV3	27111	104281	11.92%	2.789%
21	7.723	711	714	719	rBV5	742	1171	0.13%	0.031%
22	7.802	728	729	732	rBV3	550	428	0.05%	0.011%
23	7.838	734	736	738	rBV2	940	672	0.08%	0.018%
24	8.001	764	767	770	rVB3	690	500	0.06%	0.013%
25	8.095	783	785	787	rVB	673	454	0.05%	0.012%
26	8.163	796	798	801	rVB2	599	456	0.05%	0.012%
27	8.305	821	825	826	rBV4	626	717	0.08%	0.019%
28	8.336	827	831	835	rVB4	631	734	0.08%	0.020%
29	8.431	846	849	850	rVB2	867	545	0.06%	0.015%
30	8.646	888	890	896	rBV4	654	686	0.08%	0.018%
31	8.924	940	943	945	rVB2	459	423	0.05%	0.011%
32	8.960	947	950	953	rVV4	557	489	0.06%	0.013%
33	9.013	953	960	969	rVV2	1171	3353	0.38%	0.090%
34	9.081	969	973	976	rVV2	663	953	0.11%	0.025%
35	9.107	976	978	984	rVV3	440	630	0.07%	0.017%
36	9.165	987	989	994	rVB3	482	612	0.07%	0.016%
37	9.217	998	999	1002	rBV	620	523	0.06%	0.014%
38	9.296	1012	1014	1018	rBV2	582	458	0.05%	0.012%

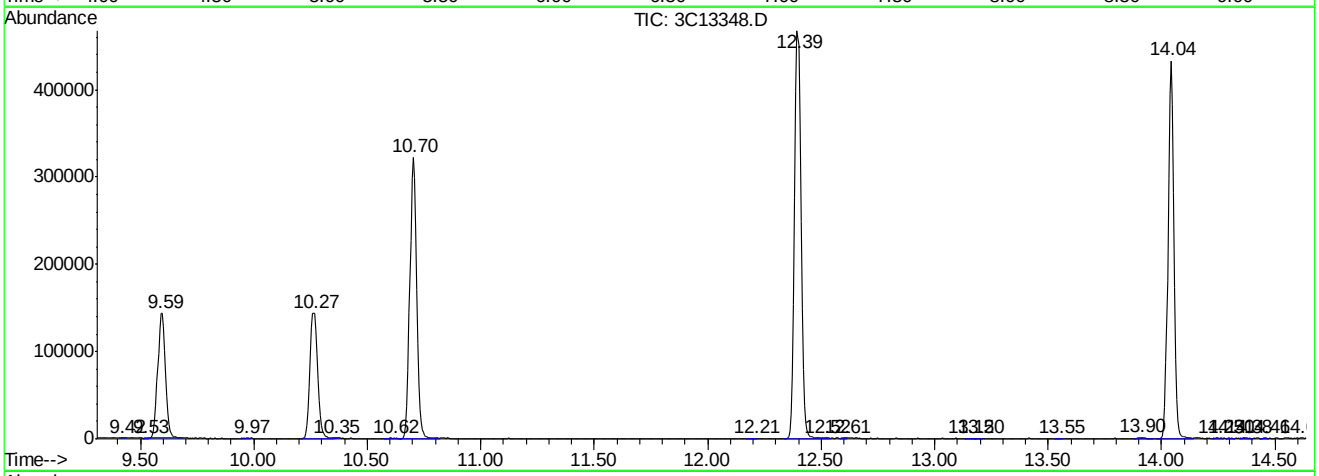
39	9.422	1036	1038	1041	rVB	411	446	0.05%	0.012%
40	9.527	1055	1058	1060	rBV2	385	426	0.05%	0.011%
41	9.589	1061	1070	1088	rVV	143629	333745	38.15%	8.926%
42	9.967	1137	1142	1145	rVB3	432	409	0.05%	0.011%
43	10.266	1188	1199	1215	rBV	143500	320788	36.66%	8.580%
44	10.355	1215	1216	1220	rVB2	511	427	0.05%	0.011%
45	10.617	1258	1266	1271	rBV3	442	837	0.10%	0.022%
46	10.701	1271	1282	1304	rBV	322307	657973	75.20%	17.598%
47	12.206	1562	1569	1571	rBV2	200	390	0.04%	0.010%
48	12.394	1594	1605	1626	rBV	467098	874933	100.00%	23.401%
49	12.520	1626	1629	1633	rVB2	692	1065	0.12%	0.028%
50	12.609	1641	1646	1647	rBV2	661	890	0.10%	0.024%
51	13.149	1746	1749	1754	rVB2	224	384	0.04%	0.010%
52	13.197	1754	1758	1760	rBV2	329	403	0.05%	0.011%
53	13.553	1821	1826	1828	rBV	322	397	0.05%	0.011%
54	13.904	1888	1893	1903	rBV3	1229	2170	0.25%	0.058%
55	14.041	1907	1919	1937	rBV	432399	774744	88.55%	20.721%
56	14.251	1954	1959	1963	rVV2	381	586	0.07%	0.016%
57	14.298	1965	1968	1972	rVB2	501	515	0.06%	0.014%
58	14.376	1977	1983	1987	rVB3	292	506	0.06%	0.014%
59	14.455	1994	1998	2000	rBV2	382	519	0.06%	0.014%
60	14.612	2024	2028	2033	rVB2	436	712	0.08%	0.019%
61	14.775	2055	2059	2063	rVB2	453	602	0.07%	0.016%
62	14.995	2100	2101	2108	rBV4	393	645	0.07%	0.017%
63	15.200	2134	2140	2142	rBV2	373	586	0.07%	0.016%
64	15.320	2154	2163	2184	rBV	339802	579876	66.28%	15.509%
65	15.661	2222	2228	2229	rVB3	400	583	0.07%	0.016%
66	15.813	2254	2257	2260	rVB4	406	462	0.05%	0.012%
67	15.881	2267	2270	2273	rBV2	528	679	0.08%	0.018%
68	15.949	2279	2283	2286	rBV3	527	695	0.08%	0.019%
69	16.012	2290	2295	2300	rBV3	494	973	0.11%	0.026%
70	16.128	2308	2317	2323	rVB4	732	1631	0.19%	0.044%
71	16.190	2323	2329	2331	rBV2	592	779	0.09%	0.021%
72	16.211	2331	2333	2335	rBV2	639	565	0.06%	0.015%
73	16.269	2341	2344	2348	rVB3	545	477	0.05%	0.013%
74	16.405	2368	2370	2373	rBV2	603	635	0.07%	0.017%
75	16.458	2375	2380	2382	rVV4	764	976	0.11%	0.026%
76	16.505	2386	2389	2393	rVB4	524	571	0.07%	0.015%
77	16.536	2393	2395	2398	rBV3	563	625	0.07%	0.017%
78	16.631	2408	2413	2416	rBV5	572	852	0.10%	0.023%
79	16.683	2420	2423	2424	rBV2	637	416	0.05%	0.011%
80	16.725	2428	2431	2433	rBV2	639	557	0.06%	0.015%
81	16.751	2433	2436	2439	rBV3	420	484	0.06%	0.013%
82	16.809	2445	2447	2450	rBV	572	655	0.07%	0.018%
83	16.877	2456	2460	2462	rVB4	775	908	0.10%	0.024%
84	16.898	2462	2464	2469	rBV4	737	912	0.10%	0.024%
85	16.940	2469	2472	2477	rBV3	555	700	0.08%	0.019%
86	16.972	2477	2478	2482	rBV3	504	624	0.07%	0.017%
87	17.008	2482	2485	2489	rVV4	630	807	0.09%	0.022%
88	17.113	2499	2505	2507	rBV5	1073	1379	0.16%	0.037%
89	17.155	2511	2513	2515	rBV2	1148	765	0.09%	0.020%
90	17.176	2515	2517	2520	rBV3	819	808	0.09%	0.022%
91	17.208	2522	2523	2526	rBV3	850	599	0.07%	0.016%
92	17.250	2526	2531	2533	rBV5	636	952	0.11%	0.025%
93	17.265	2533	2534	2536	rBV2	1017	762	0.09%	0.020%
94	17.496	2577	2578	2582	rVB3	737	741	0.08%	0.020%
95	18.120	2695	2697	2700	rBV4	1365	1069	0.12%	0.029%

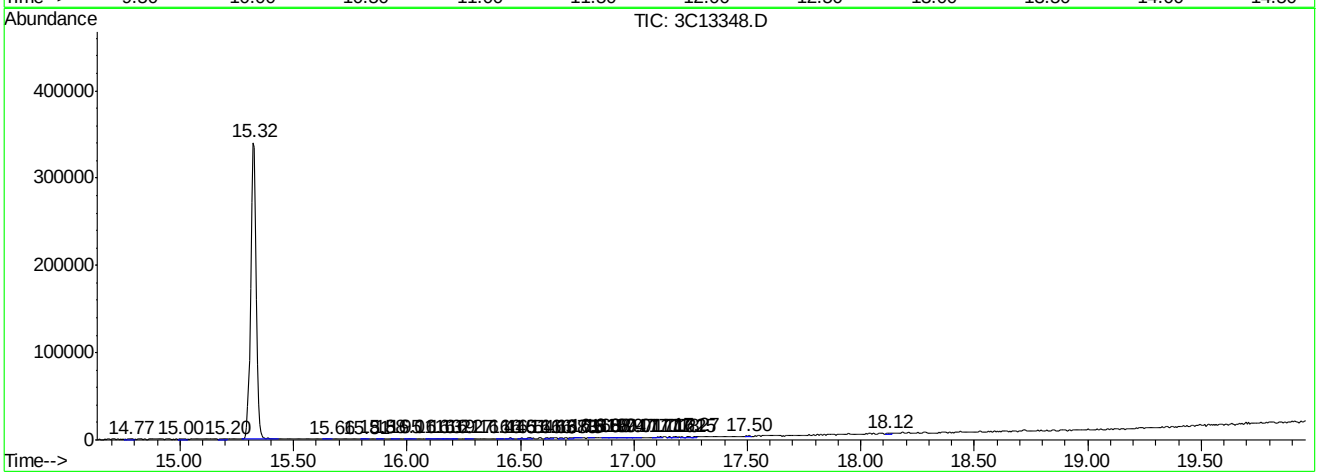
Sum of corrected areas: 3738912

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13348.D
Operator : PINGM
Acquired : 6 May 2006 9:49 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-33
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 20
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 9:49 pm
Data File: C:\MSDCHEM\1\DATA\3C13348.D
Name: J29228-33
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13349.D Vial: 21
Acq On : 6 May 2006 10:18 pm Operator: PINGM
Sample : J29228-34 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 22:41:48 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	48663	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	42576	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	260925	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	236701	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	128732	32.39	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 107.97%			
52) TOLUENE-d8 (SUR)	12.39	98	321908	29.90	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.67%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	123117	27.57	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.90%			

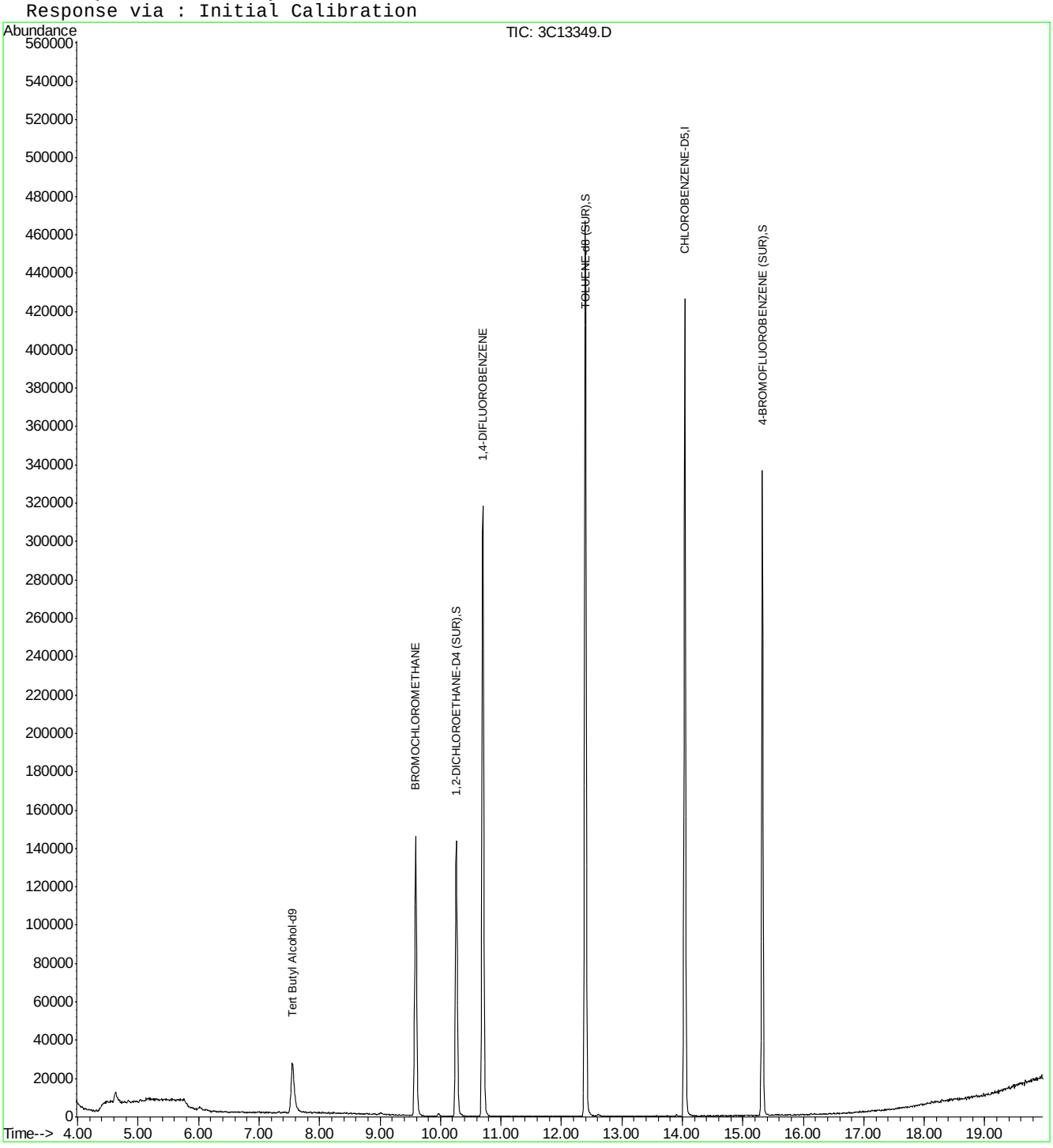
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13349.D Vial: 21
Acq On : 6 May 2006 10:18 pm Operator: PINGM
Sample : J29228-34 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:04 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13349.D Vial: 21
Acq On : 6 May 2006 10:18 pm Operator: PINGM
Sample : J29228-34 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

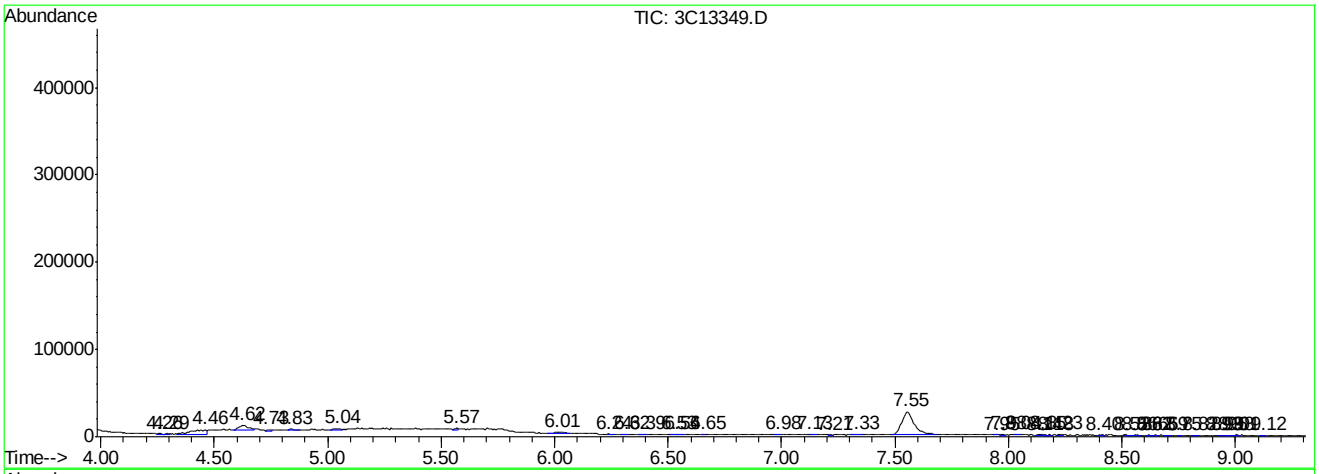
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.257	51	53	58	rVB3	954	1171	0.14%	0.032%
2	4.289	58	59	61	rBV	654	550	0.06%	0.015%
3	4.462	68	92	93	rBV9	5063	22805	2.63%	0.615%
4	4.624	116	123	133	rBV5	5180	14139	1.63%	0.382%
5	4.729	142	143	148	rBV5	1387	2005	0.23%	0.054%
6	4.834	161	163	171	rVB8	1262	2085	0.24%	0.056%
7	5.044	197	203	206	rBV7	2153	4146	0.48%	0.112%
8	5.568	300	303	304	rBV2	1356	1250	0.14%	0.034%
9	6.014	380	388	398	rVB9	1850	5931	0.68%	0.160%
10	6.239	430	431	435	rBV2	704	688	0.08%	0.019%
11	6.318	441	446	447	rBV3	469	627	0.07%	0.017%
12	6.386	456	459	463	rBV5	718	1105	0.13%	0.030%
13	6.527	482	486	488	rVB3	615	791	0.09%	0.021%
14	6.543	488	489	494	rBV4	713	956	0.11%	0.026%
15	6.653	509	510	512	rVB2	719	420	0.05%	0.011%
16	6.984	569	573	575	rBV3	788	719	0.08%	0.019%
17	7.125	599	600	605	rVB3	668	737	0.09%	0.020%
18	7.214	615	617	619	rVB3	547	420	0.05%	0.011%
19	7.330	634	639	644	rVB5	899	1643	0.19%	0.044%
20	7.550	668	681	706	rBV3	26400	103927	11.99%	2.804%
21	7.948	754	757	758	rVB2	519	404	0.05%	0.011%
22	7.980	759	763	764	rVB3	752	610	0.07%	0.016%
23	8.043	772	775	777	rBV2	647	418	0.05%	0.011%
24	8.137	790	793	795	rBV3	622	545	0.06%	0.015%
25	8.153	795	796	799	rVB3	1202	758	0.09%	0.020%
26	8.184	799	802	804	rBV3	763	734	0.08%	0.020%
27	8.226	807	810	813	rBV4	799	662	0.08%	0.018%
28	8.399	842	843	847	rBV2	462	467	0.05%	0.013%
29	8.520	863	866	869	rVB2	604	595	0.07%	0.016%
30	8.556	869	873	877	rBV4	501	692	0.08%	0.019%
31	8.619	882	885	888	rVB4	630	570	0.07%	0.015%
32	8.646	888	890	893	rBV3	584	612	0.07%	0.017%
33	8.688	897	898	904	rVB4	428	480	0.06%	0.013%
34	8.750	909	910	912	rBV2	597	437	0.05%	0.012%
35	8.824	921	924	926	rBV3	443	502	0.06%	0.014%
36	8.929	943	944	947	rVB3	558	499	0.06%	0.013%
37	8.950	947	948	950	rBV2	610	404	0.05%	0.011%
38	8.981	950	954	957	rBV3	484	724	0.08%	0.020%

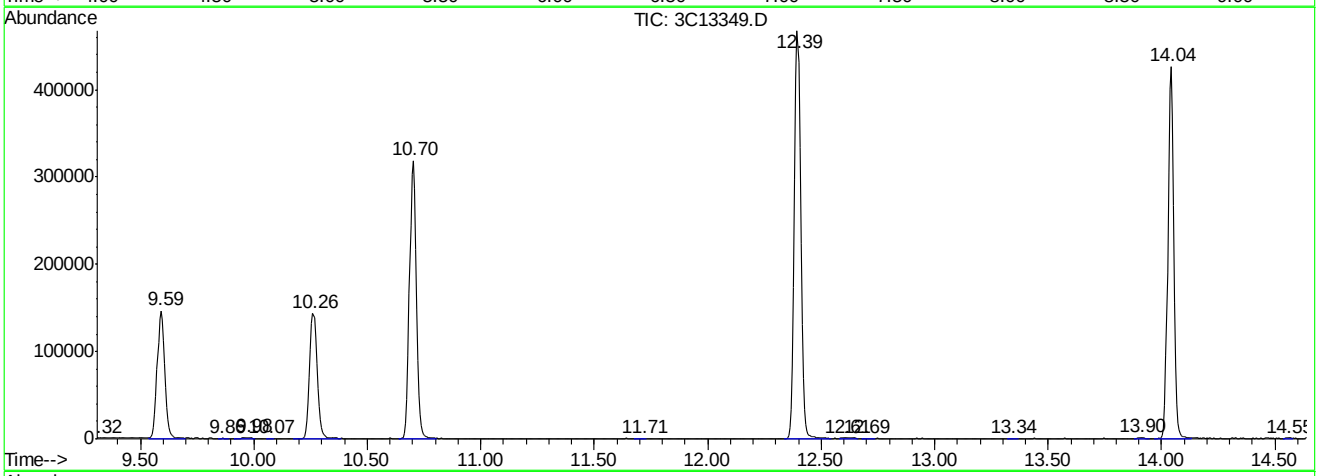
39	9.007	957	959	961	rBV2	693	657	0.08%	0.018%
40	9.123	978	981	983	rBV2	412	411	0.05%	0.011%
41	9.317	1015	1018	1019	rBV2	452	424	0.05%	0.011%
42	9.589	1060	1070	1090	rVB	145967	330322	38.12%	8.913%
43	9.862	1118	1122	1127	rVB3	353	650	0.08%	0.018%
44	9.977	1132	1144	1149	rVB4	1282	2970	0.34%	0.080%
45	10.066	1159	1161	1165	rVB	389	437	0.05%	0.012%
46	10.260	1182	1198	1221	rBV	143909	320011	36.93%	8.635%
47	10.701	1270	1282	1301	rBV	318299	647220	74.70%	17.464%
48	11.713	1468	1475	1477	rBV2	316	667	0.08%	0.018%
49	12.394	1594	1605	1633	rBV	467165	866482	100.00%	23.380%
50	12.609	1640	1646	1655	rVV3	780	2075	0.24%	0.056%
51	12.693	1659	1662	1670	rVB2	232	411	0.05%	0.011%
52	13.338	1782	1785	1790	rVB2	253	395	0.05%	0.011%
53	13.904	1888	1893	1900	rVB4	1035	1373	0.16%	0.037%
54	14.041	1905	1919	1936	rBV	426211	764870	88.27%	20.639%
55	14.554	2013	2017	2021	rVB3	248	406	0.05%	0.011%
56	14.691	2041	2043	2047	rBV3	342	425	0.05%	0.011%
57	15.131	2122	2127	2129	rBV3	346	409	0.05%	0.011%
58	15.320	2153	2163	2180	rBV	336362	572172	66.03%	15.439%
59	15.482	2189	2194	2195	rBV3	441	384	0.04%	0.010%
60	15.540	2201	2205	2208	rBV2	591	506	0.06%	0.014%
61	15.572	2208	2211	2214	rVB2	449	444	0.05%	0.012%
62	15.593	2214	2215	2219	rBV3	578	504	0.06%	0.014%
63	15.954	2280	2284	2286	rBV2	455	411	0.05%	0.011%
64	15.975	2286	2288	2294	rVB3	442	647	0.07%	0.017%
65	16.096	2308	2311	2313	rBV2	439	410	0.05%	0.011%
66	16.127	2313	2317	2321	rVV3	825	1264	0.15%	0.034%
67	16.185	2324	2328	2333	rVB3	577	836	0.10%	0.023%
68	16.243	2337	2339	2342	rBV3	416	474	0.05%	0.013%
69	16.327	2351	2355	2356	rBV2	537	441	0.05%	0.012%
70	16.342	2357	2358	2362	rVB3	658	446	0.05%	0.012%
71	16.484	2383	2385	2386	rBV2	617	435	0.05%	0.012%
72	16.557	2396	2399	2403	rBV2	677	875	0.10%	0.024%
73	16.594	2403	2406	2409	rVB3	526	531	0.06%	0.014%
74	16.720	2428	2430	2432	rBV2	814	699	0.08%	0.019%
75	16.783	2440	2442	2448	rVB4	578	933	0.11%	0.025%
76	16.835	2448	2452	2454	rBV3	615	801	0.09%	0.022%
77	16.935	2466	2471	2474	rBV4	929	1129	0.13%	0.030%
78	16.977	2476	2479	2481	rBV4	858	578	0.07%	0.016%
79	17.071	2496	2497	2502	rVB5	659	667	0.08%	0.018%
80	17.108	2502	2504	2507	rBV3	736	841	0.10%	0.023%
81	17.228	2523	2527	2529	rBV3	767	717	0.08%	0.019%
82	17.318	2542	2544	2547	rVB3	560	399	0.05%	0.011%
83	17.354	2547	2551	2553	rBV4	1059	1152	0.13%	0.031%
84	17.449	2567	2569	2571	rBV3	616	485	0.06%	0.013%

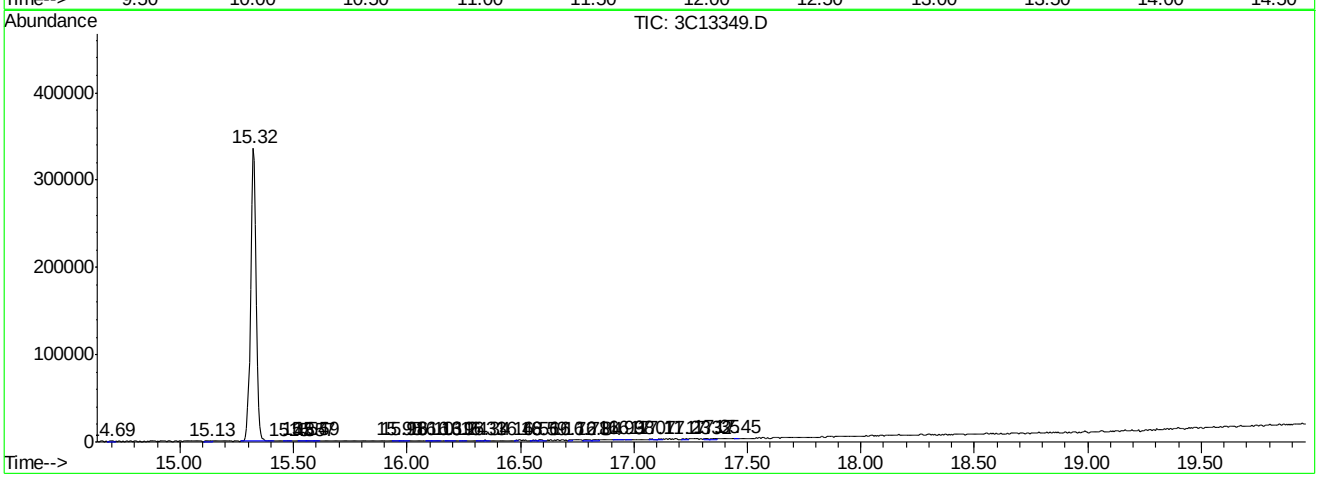
Sum of corrected areas: 3706024

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13349.D
Operator : PINGM
Acquired : 6 May 2006 10:18 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-34
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 21
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 10:18 pm
Data File: C:\MSDCHEM\1\DATA\3C13349.D
Name: J29228-34
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13350.D Vial: 22
Acq On : 6 May 2006 10:47 pm Operator: PINGM
Sample : J29228-35 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 23:10:59 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	47580	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	41726	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	258510	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	236310	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	129531	33.26	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 110.87%			
52) TOLUENE-d8 (SUR)	12.39	98	320486	30.04	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.13%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	123149	27.62	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.07%			

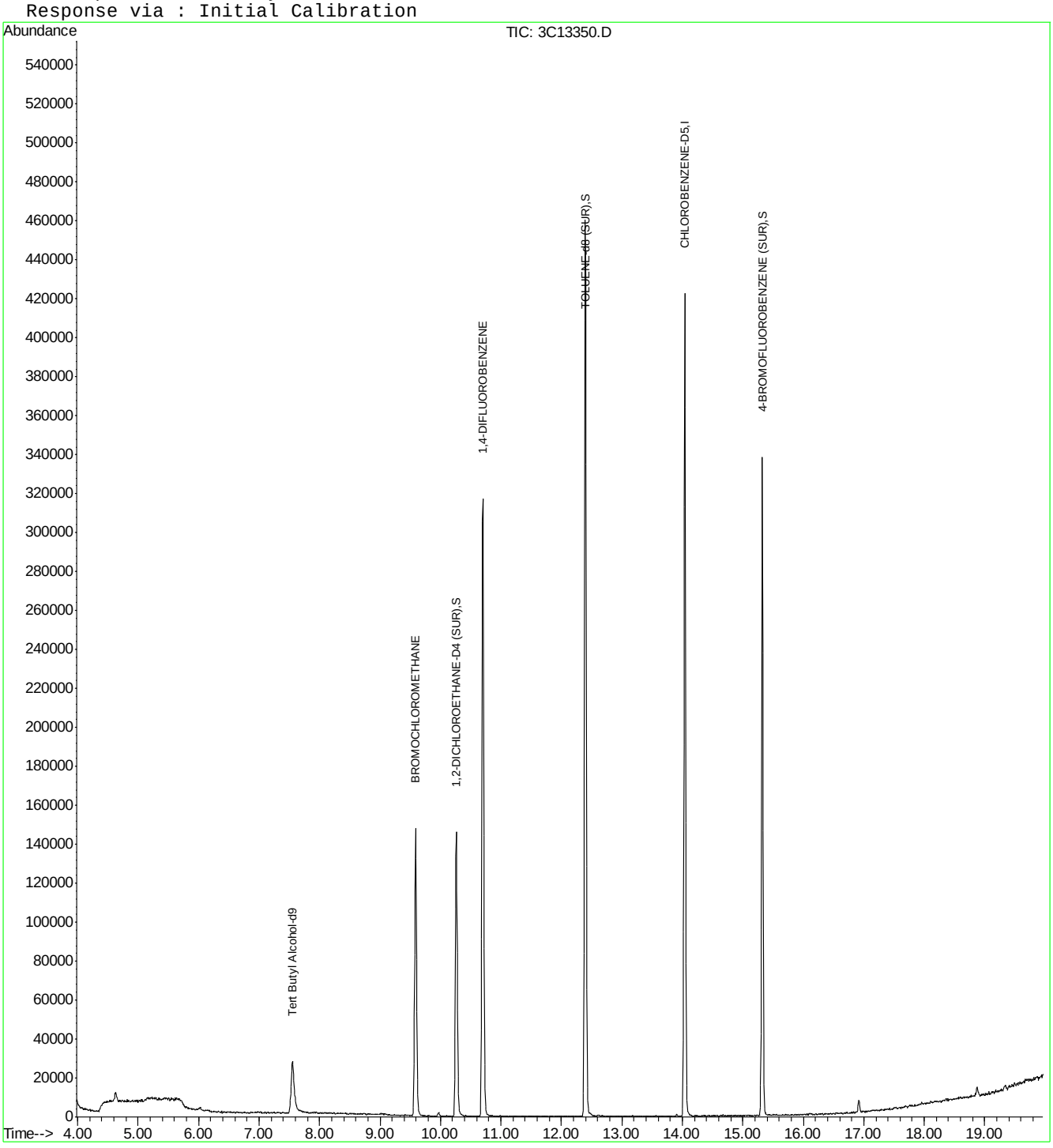
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13350.D Vial: 22
Acq On : 6 May 2006 10:47 pm Operator: PINGM
Sample : J29228-35 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:05 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13350.D Vial: 22
Acq On : 6 May 2006 10:47 pm Operator: PINGM
Sample : J29228-35 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

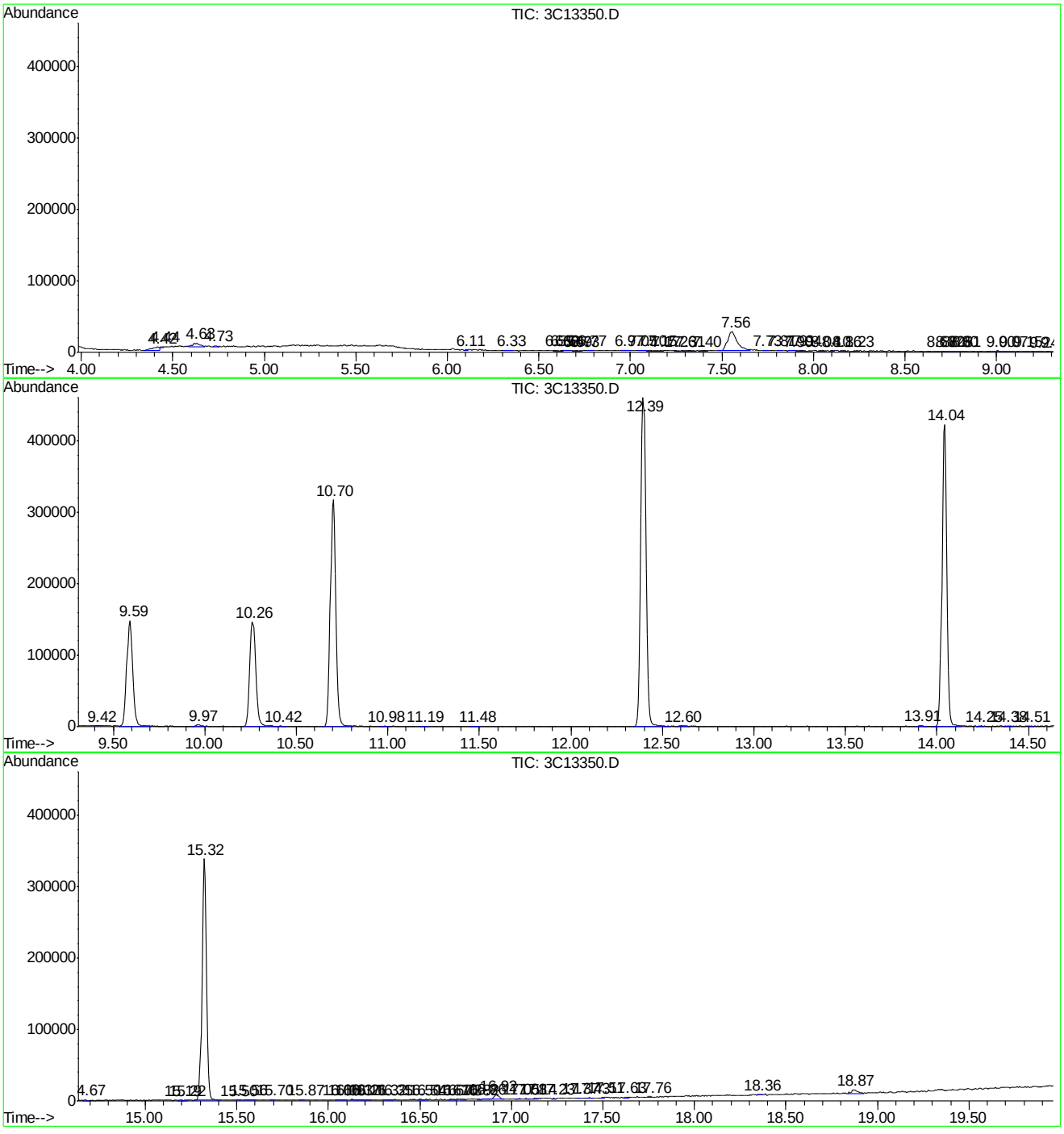
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.420	70	84	86	rBV6	4370	13951	1.62%	0.378%
2	4.436	86	87	90	rVV3	1064	1253	0.15%	0.034%
3	4.630	116	124	132	rVB7	5095	12697	1.48%	0.344%
4	4.729	141	143	147	rBV4	1181	1368	0.16%	0.037%
5	6.108	403	406	407	rBV3	594	530	0.06%	0.014%
6	6.328	445	448	453	rVB4	573	573	0.07%	0.016%
7	6.590	496	498	502	rVB2	863	845	0.10%	0.023%
8	6.622	502	504	506	rBV2	892	629	0.07%	0.017%
9	6.643	506	508	513	rVB4	700	703	0.08%	0.019%
10	6.690	515	517	522	rVB2	614	893	0.10%	0.024%
11	6.727	522	524	526	rBV2	610	507	0.06%	0.014%
12	6.769	531	532	537	rVB4	627	693	0.08%	0.019%
13	6.973	566	571	577	rVB6	567	1055	0.12%	0.029%
14	7.047	584	585	593	rBV5	679	686	0.08%	0.019%
15	7.099	593	595	599	rVB3	637	541	0.06%	0.015%
16	7.151	599	605	606	rVB4	727	1019	0.12%	0.028%
17	7.172	606	609	611	rBV2	582	693	0.08%	0.019%
18	7.256	622	625	628	rVB2	618	623	0.07%	0.017%
19	7.309	629	635	644	rVB7	711	2435	0.28%	0.066%
20	7.398	647	652	657	rBV5	519	1156	0.13%	0.031%
21	7.555	667	682	701	rBV2	26570	99445	11.56%	2.696%
22	7.728	714	715	720	rBV4	600	613	0.07%	0.017%
23	7.807	729	730	734	rVB3	791	405	0.05%	0.011%
24	7.896	741	747	748	rVV3	373	455	0.05%	0.012%
25	7.912	748	750	753	rVV	931	736	0.09%	0.020%
26	7.943	753	756	760	rVB4	758	805	0.09%	0.022%
27	8.043	772	775	778	rVB2	664	709	0.08%	0.019%
28	8.100	784	786	789	rBV4	674	703	0.08%	0.019%
29	8.163	794	798	802	rBV4	526	878	0.10%	0.024%
30	8.231	808	811	814	rBV	504	641	0.07%	0.017%
31	8.677	892	896	899	rVB2	373	501	0.06%	0.014%
32	8.724	904	905	910	rVB3	579	730	0.08%	0.020%
33	8.761	910	912	915	rVB3	762	749	0.09%	0.020%
34	8.798	915	919	921	rBV2	744	760	0.09%	0.021%
35	8.813	921	922	925	rBV2	468	411	0.05%	0.011%
36	9.002	951	958	970	rVB5	966	3298	0.38%	0.089%
37	9.070	970	971	975	rBV3	662	630	0.07%	0.017%
38	9.149	985	986	991	rBV2	530	474	0.06%	0.013%

39	9.238	999	1003	1005	rBV2	361	403	0.05%	0.011%
40	9.296	1011	1014	1020	rVB2	448	752	0.09%	0.020%
41	9.416	1033	1037	1042	rBV3	505	760	0.09%	0.021%
42	9.589	1059	1070	1092	rVB	147847	326489	37.96%	8.851%
43	9.967	1135	1142	1149	rBV3	1902	3898	0.45%	0.106%
44	10.261	1188	1198	1224	rVB	146104	319530	37.15%	8.663%
45	10.418	1224	1228	1232	rBV2	383	539	0.06%	0.015%
46	10.701	1271	1282	1303	rBV	316890	638926	74.29%	17.321%
47	10.984	1331	1336	1339	rBV2	486	743	0.09%	0.020%
48	11.194	1373	1376	1381	rVB2	294	427	0.05%	0.012%
49	11.482	1425	1431	1435	rVB2	285	389	0.05%	0.011%
50	12.394	1595	1605	1632	rVB	460084	860005	100.00%	23.315%
51	12.604	1640	1645	1652	rBV3	562	1283	0.15%	0.035%
52	13.910	1889	1894	1900	rBV4	963	1388	0.16%	0.038%
53	14.041	1905	1919	1937	rBV	422523	760425	88.42%	20.615%
54	14.245	1952	1958	1960	rBV3	457	413	0.05%	0.011%
55	14.382	1981	1984	1990	rVB3	284	453	0.05%	0.012%
56	14.507	2007	2008	2012	rBV2	409	428	0.05%	0.012%
57	14.670	2037	2039	2043	rBV	870	546	0.06%	0.015%
58	15.194	2136	2139	2142	rVB3	431	546	0.06%	0.015%
59	15.220	2142	2144	2146	rBV2	414	419	0.05%	0.011%
60	15.320	2153	2163	2180	rBV	337964	569166	66.18%	15.430%
61	15.504	2196	2198	2201	rBV	431	413	0.05%	0.011%
62	15.556	2205	2208	2216	rVB4	544	939	0.11%	0.025%
63	15.698	2232	2235	2237	rBV2	478	420	0.05%	0.011%
64	15.865	2262	2267	2268	rVB3	474	385	0.04%	0.010%
65	16.059	2300	2304	2307	rBV3	619	562	0.07%	0.015%
66	16.091	2307	2310	2311	rBV2	618	406	0.05%	0.011%
67	16.127	2316	2317	2323	rVB2	1043	1162	0.14%	0.032%
68	16.175	2323	2326	2328	rBV	579	610	0.07%	0.017%
69	16.206	2328	2332	2338	rBV2	681	959	0.11%	0.026%
70	16.316	2350	2353	2356	rVB2	825	911	0.11%	0.025%
71	16.353	2356	2360	2361	rBV2	668	734	0.09%	0.020%
72	16.505	2386	2389	2391	rVB3	621	687	0.08%	0.019%
73	16.536	2391	2395	2396	rBV	814	778	0.09%	0.021%
74	16.673	2418	2421	2425	rBV6	646	650	0.08%	0.018%
75	16.704	2425	2427	2428	rBV2	621	398	0.05%	0.011%
76	16.725	2430	2431	2436	rVB2	613	601	0.07%	0.016%
77	16.820	2448	2449	2452	rVB2	667	490	0.06%	0.013%
78	16.861	2453	2457	2460	rVV3	919	929	0.11%	0.025%
79	16.919	2460	2468	2475	rVV2	6364	11926	1.39%	0.323%
80	17.045	2487	2492	2493	rBV3	839	908	0.11%	0.025%
81	17.082	2498	2499	2502	rBV2	650	527	0.06%	0.014%
82	17.139	2506	2510	2511	rBV4	706	693	0.08%	0.019%
83	17.234	2526	2528	2530	rBV2	694	497	0.06%	0.013%
84	17.370	2552	2554	2555	rBV2	636	458	0.05%	0.012%
85	17.428	2562	2565	2568	rVB5	769	743	0.09%	0.020%
86	17.506	2577	2580	2581	rBV3	1057	750	0.09%	0.020%
87	17.627	2600	2603	2606	rBV4	976	1217	0.14%	0.033%
88	17.763	2625	2629	2631	rBV4	821	988	0.11%	0.027%
89	18.361	2740	2743	2745	rVB4	1137	1088	0.13%	0.029%
90	18.870	2834	2840	2850	rBV7	5345	13081	1.52%	0.355%

Sum of corrected areas: 3688631

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13350.D
Operator : PINGM
Acquired : 6 May 2006 10:47 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-35
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 22
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 10:47 pm
Data File: C:\MSDCHEM\1\DATA\3C13350.D
Name: J29228-35
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13351.D Vial: 23
Acq On : 6 May 2006 11:16 pm Operator: PINGM
Sample : J29228-36 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 23:39:44 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	48295	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	42141	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	257050	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	234169	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	128982	32.79	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 109.30%			
52) TOLUENE-d8 (SUR)	12.39	98	313723	29.58	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.60%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	123609	27.98	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 93.27%			

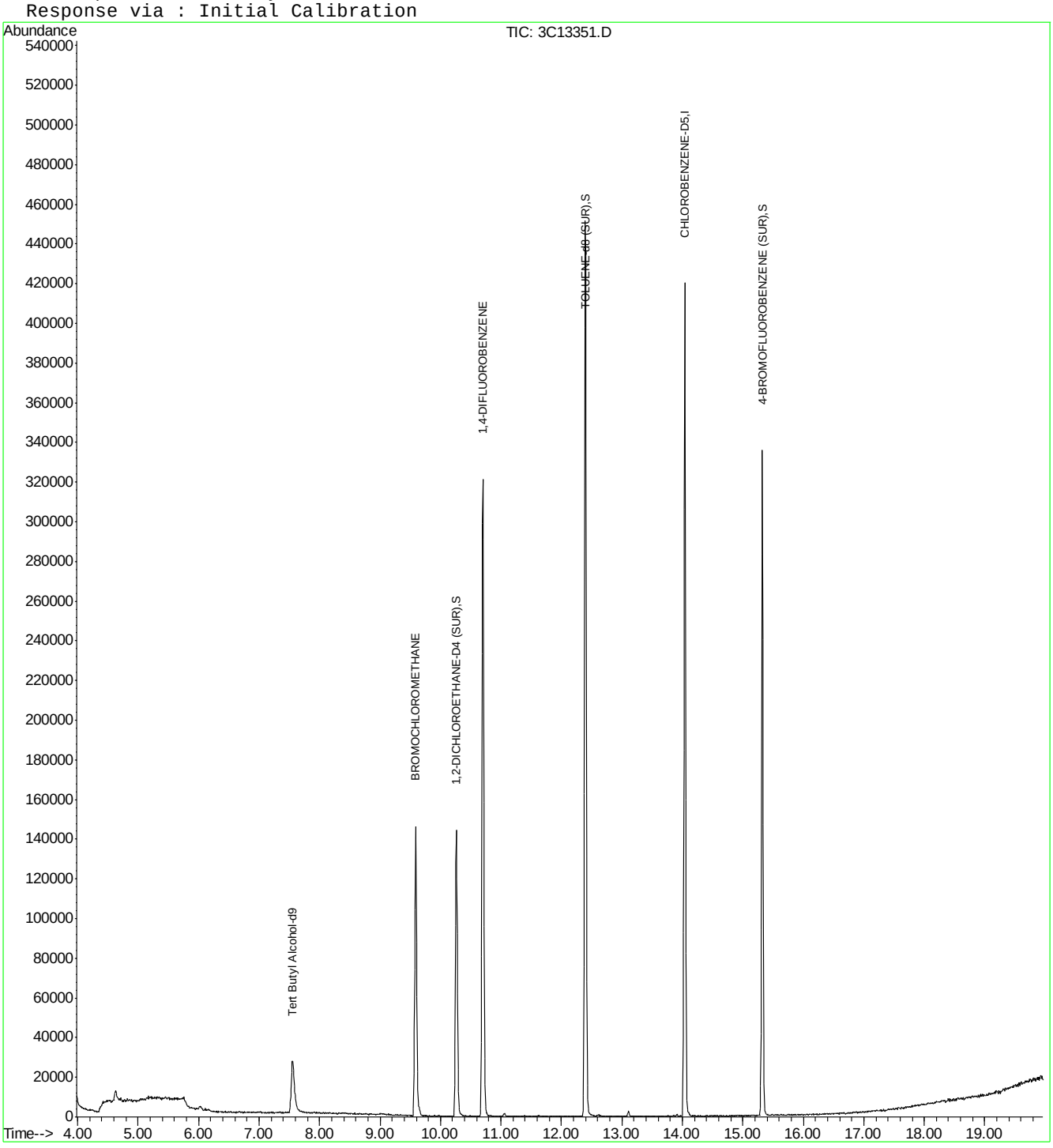
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13351.D Vial: 23
Acq On : 6 May 2006 11:16 pm Operator: PINGM
Sample : J29228-36 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:05 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13351.D Vial: 23
Acq On : 6 May 2006 11:16 pm Operator: PINGM
Sample : J29228-36 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

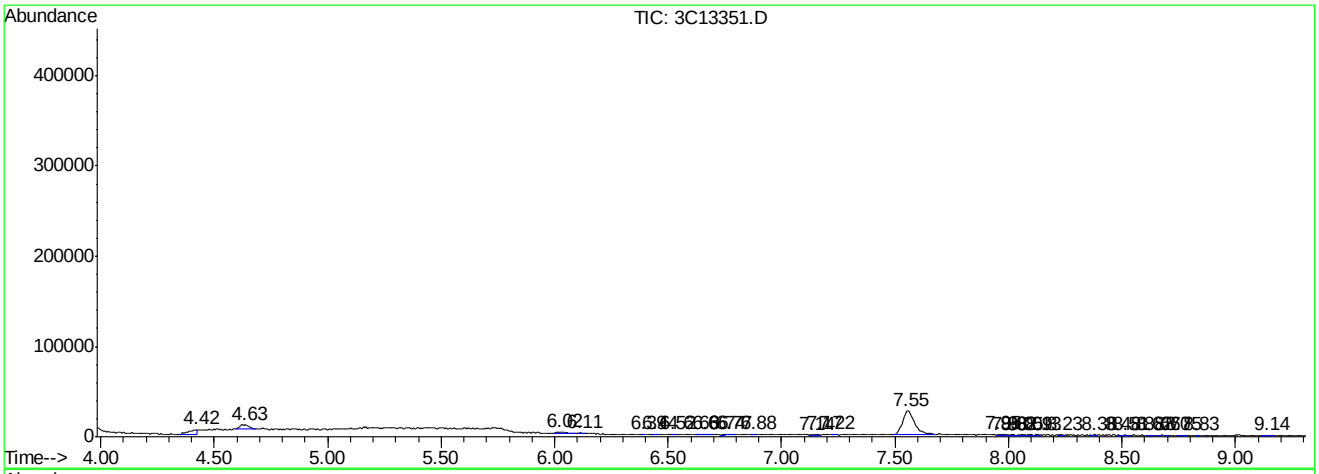
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.420	71	84	85	rBV5	5149	13000	1.53%	0.357%
2	4.635	118	125	134	rBV7	5040	11999	1.42%	0.329%
3	6.024	384	390	402	rVB8	2124	5818	0.69%	0.160%
4	6.113	404	407	411	rVB4	1280	916	0.11%	0.025%
5	6.391	458	460	461	rBV2	519	403	0.05%	0.011%
6	6.443	466	470	472	rBV4	864	1091	0.13%	0.030%
7	6.522	483	485	487	rBV	651	462	0.05%	0.013%
8	6.627	504	505	508	rBV2	634	576	0.07%	0.016%
9	6.664	510	512	518	rVB4	746	1001	0.12%	0.027%
10	6.737	525	526	529	rBV	770	542	0.06%	0.015%
11	6.769	529	532	537	rVV3	747	786	0.09%	0.022%
12	6.879	550	553	555	rBV	612	479	0.06%	0.013%
13	7.136	599	602	605	rBV3	599	789	0.09%	0.022%
14	7.167	605	608	609	rVB2	892	526	0.06%	0.014%
15	7.225	618	619	623	rVB3	873	665	0.08%	0.018%
16	7.550	670	681	704	rBV3	26005	99472	11.73%	2.730%
17	7.953	757	758	762	rBV3	603	395	0.05%	0.011%
18	7.985	762	764	768	rVB4	650	935	0.11%	0.026%
19	8.022	768	771	774	rBV2	670	620	0.07%	0.017%
20	8.053	774	777	782	rVB3	570	803	0.09%	0.022%
21	8.090	782	784	789	rBV3	682	746	0.09%	0.020%
22	8.132	789	792	793	rBV3	626	475	0.06%	0.013%
23	8.226	808	810	814	rBV3	466	404	0.05%	0.011%
24	8.378	835	839	841	rBV3	558	564	0.07%	0.015%
25	8.483	858	859	863	rVB2	554	465	0.05%	0.013%
26	8.514	863	865	869	rBV3	520	725	0.09%	0.020%
27	8.619	883	885	889	rVB4	591	744	0.09%	0.020%
28	8.656	891	892	895	rVV	591	562	0.07%	0.015%
29	8.698	898	900	902	rVB2	541	390	0.05%	0.011%
30	8.750	908	910	916	rVB3	633	826	0.10%	0.023%
31	8.829	924	925	927	rBV	792	459	0.05%	0.013%
32	9.138	980	984	990	rVB4	586	523	0.06%	0.014%
33	9.311	1015	1017	1021	rVB3	334	390	0.05%	0.011%
34	9.338	1021	1022	1028	rBV	409	447	0.05%	0.012%
35	9.442	1038	1042	1044	rVB3	357	467	0.06%	0.013%
36	9.500	1046	1053	1054	rVB2	287	510	0.06%	0.014%
37	9.589	1059	1070	1092	rVB	146032	329345	38.84%	9.039%
38	9.904	1123	1130	1134	rVV	422	451	0.05%	0.012%

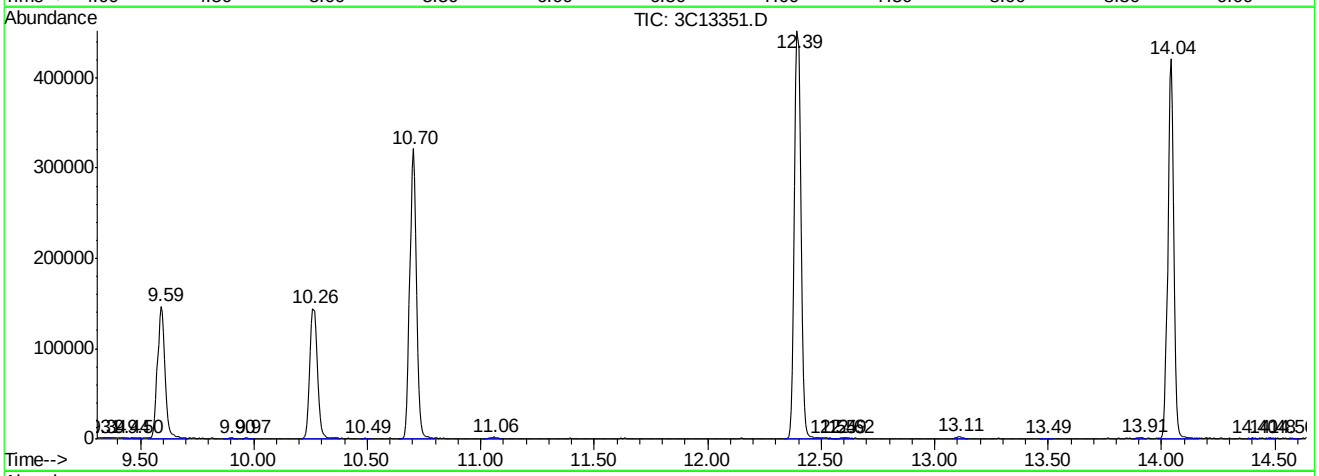
39	9.972	1138	1143	1147	rBV	616	752	0.09%	0.021%
40	10.260	1188	1198	1220	rBV	144309	316225	37.29%	8.679%
41	10.491	1238	1242	1246	rBV2	405	475	0.06%	0.013%
42	10.701	1270	1282	1299	rBV	321181	639966	75.47%	17.565%
43	11.057	1341	1350	1356	rBV5	1599	3157	0.37%	0.087%
44	12.394	1594	1605	1626	rBV	451627	847957	100.00%	23.273%
45	12.541	1631	1633	1637	rVB	516	429	0.05%	0.012%
46	12.588	1637	1642	1645	rBV2	543	772	0.09%	0.021%
47	12.620	1645	1648	1652	rVB3	571	473	0.06%	0.013%
48	13.107	1736	1741	1748	rBV2	2493	3502	0.41%	0.096%
49	13.490	1809	1814	1819	rVB2	310	426	0.05%	0.012%
50	13.915	1887	1895	1898	rBV3	1025	1595	0.19%	0.044%
51	14.041	1908	1919	1942	rVB	420139	756797	89.25%	20.771%
52	14.402	1983	1988	1993	rVB3	361	680	0.08%	0.019%
53	14.481	1998	2003	2006	rBV2	264	382	0.05%	0.010%
54	14.565	2018	2019	2026	rVB3	393	448	0.05%	0.012%
55	14.644	2031	2034	2037	rBV2	412	536	0.06%	0.015%
56	15.320	2154	2163	2178	rBV	335498	567381	66.91%	15.573%
57	15.477	2187	2193	2200	rVB4	507	1120	0.13%	0.031%
58	15.540	2200	2205	2208	rBV4	621	720	0.08%	0.020%
59	15.750	2237	2245	2249	rBV4	811	1467	0.17%	0.040%
60	15.802	2252	2255	2258	rBV2	625	665	0.08%	0.018%
61	15.970	2285	2287	2292	rBV4	266	433	0.05%	0.012%
62	16.122	2314	2316	2319	rVB2	506	481	0.06%	0.013%
63	16.164	2319	2324	2325	rVB3	701	891	0.11%	0.024%
64	16.227	2331	2336	2337	rVB3	710	658	0.08%	0.018%
65	16.243	2338	2339	2342	rVB2	464	415	0.05%	0.011%
66	16.269	2342	2344	2348	rBV2	603	592	0.07%	0.016%
67	16.321	2351	2354	2357	rBV2	466	574	0.07%	0.016%
68	16.384	2364	2366	2369	rBV2	513	579	0.07%	0.016%
69	16.431	2374	2375	2380	rVB3	468	462	0.05%	0.013%
70	16.484	2380	2385	2386	rBV3	420	654	0.08%	0.018%
71	16.599	2406	2407	2409	rBV2	619	438	0.05%	0.012%
72	16.620	2409	2411	2414	rVV2	765	610	0.07%	0.017%
73	16.662	2414	2419	2422	rVB5	778	983	0.12%	0.027%
74	16.736	2426	2433	2435	rBV5	766	1250	0.15%	0.034%
75	16.772	2437	2440	2441	rBV3	538	532	0.06%	0.015%
76	16.867	2455	2458	2461	rBV3	756	680	0.08%	0.019%
77	16.924	2467	2469	2471	rBV3	723	423	0.05%	0.012%
78	17.055	2490	2494	2496	rVB3	713	768	0.09%	0.021%
79	17.082	2496	2499	2500	rBV3	762	747	0.09%	0.021%
80	17.155	2510	2513	2514	rBV3	618	698	0.08%	0.019%
81	17.281	2534	2537	2539	rVB3	870	846	0.10%	0.023%
82	17.328	2544	2546	2550	rVB5	1026	869	0.10%	0.024%
83	17.359	2550	2552	2555	rBV3	869	897	0.11%	0.025%
84	17.443	2566	2568	2571	rBV4	723	689	0.08%	0.019%
85	17.527	2580	2584	2585	rBV4	806	773	0.09%	0.021%
86	17.789	2633	2634	2637	rBV3	994	832	0.10%	0.023%

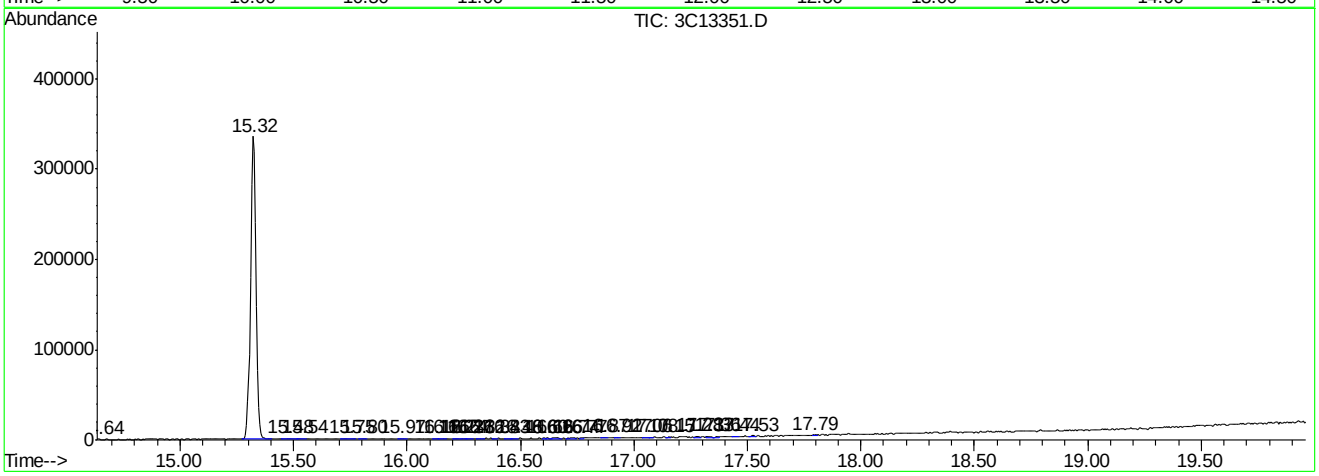
Sum of corrected areas: 3643470

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13351.D
Operator : PINGM
Acquired : 6 May 2006 11:16 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-36
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 23
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 11:16 pm
Data File: C:\MSDCHEM\1\DATA\3C13351.D
Name: J29228-36
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13352.D Vial: 24
Acq On : 6 May 2006 11:45 pm Operator: PINGM
Sample : J29228-37 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 00:08:35 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	45966	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	41463	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	250268	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	227903	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	127256	32.88	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 109.60%			
52) TOLUENE-d8 (SUR)	12.39	98	307888	29.81	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.37%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	118545	27.57	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.90%			

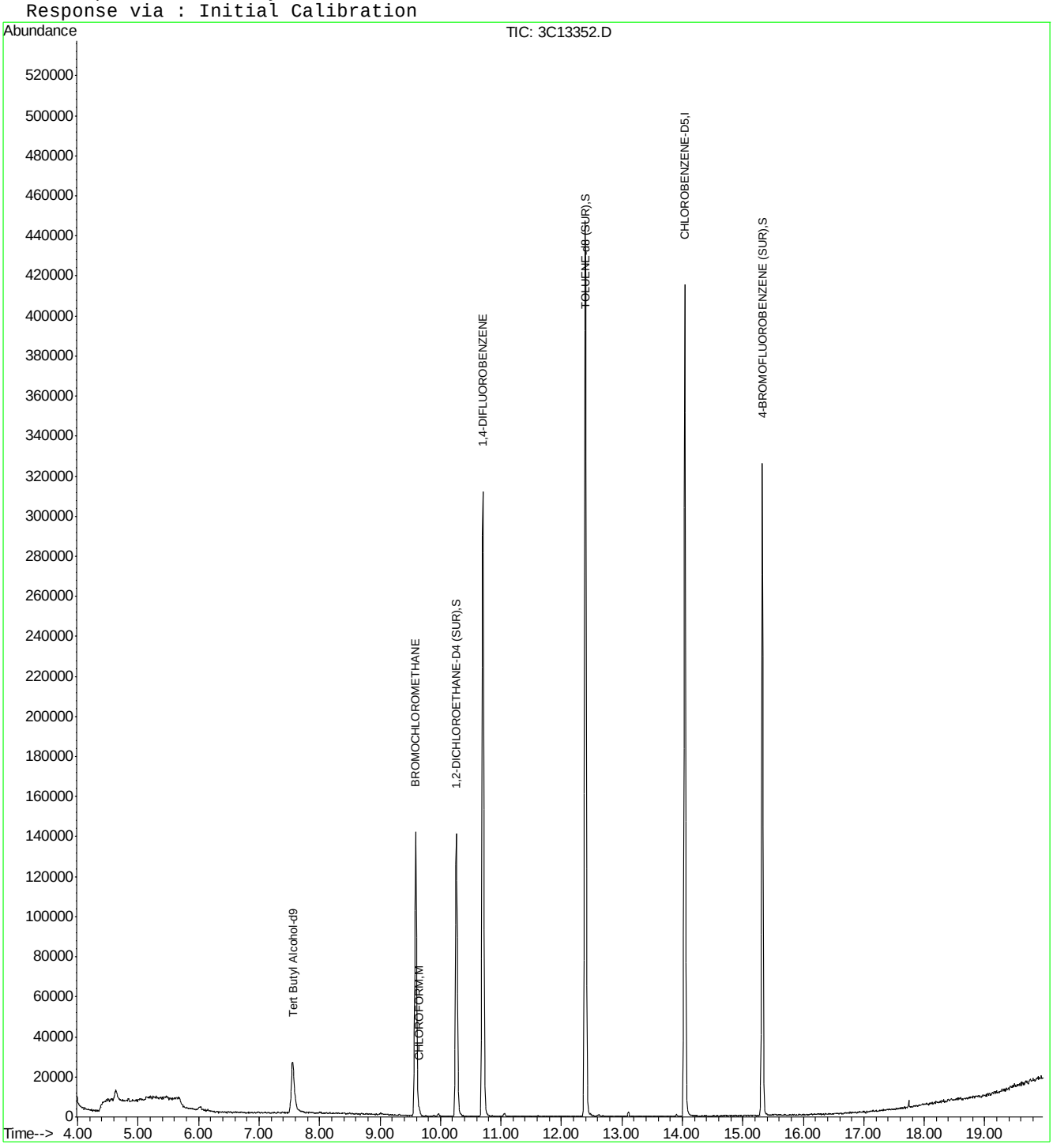
Target Compounds						Qvalue
32) CHLOROFORM	9.65	83	2321	0.35	PPb	89

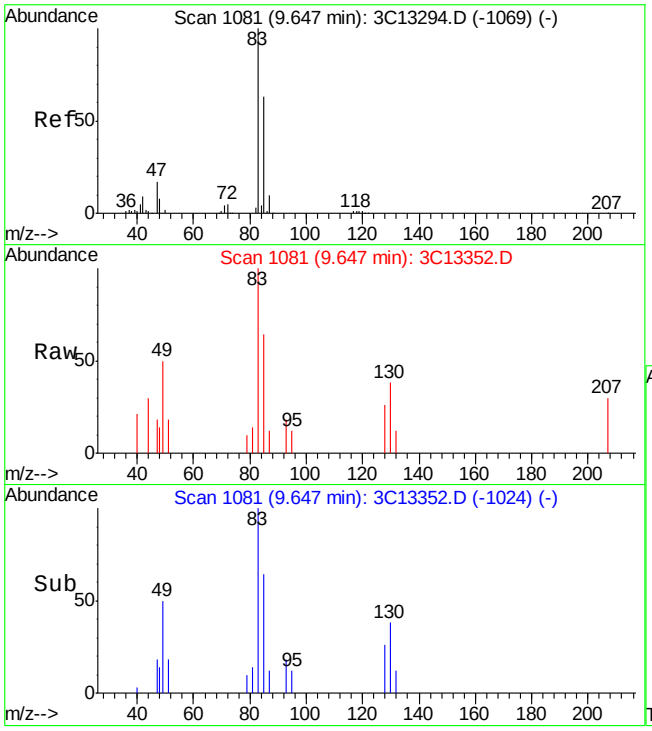
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13352.D Vial: 24
Acq On : 6 May 2006 11:45 pm Operator: PINGM
Sample : J29228-37 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:05 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration

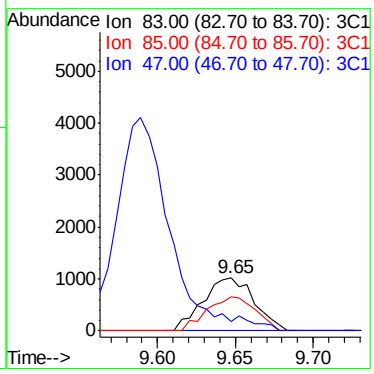




#32
CHLOROFORM
Concen: 0.35 PPb
RT: 9.65 min Scan# 1081
Delta R.T. -0.00 min
Lab File: 3C13352.D
Acq: 6 May 2006 11:45 pm

Tgt Ion: 83 Resp: 2321

Ion	Ratio	Lower	Upper
83	100		
85	64.0	32.6	92.6
47	0.0	0.0	49.2



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13352.D Vial: 24
Acq On : 6 May 2006 11:45 pm Operator: PINGM
Sample : J29228-37 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

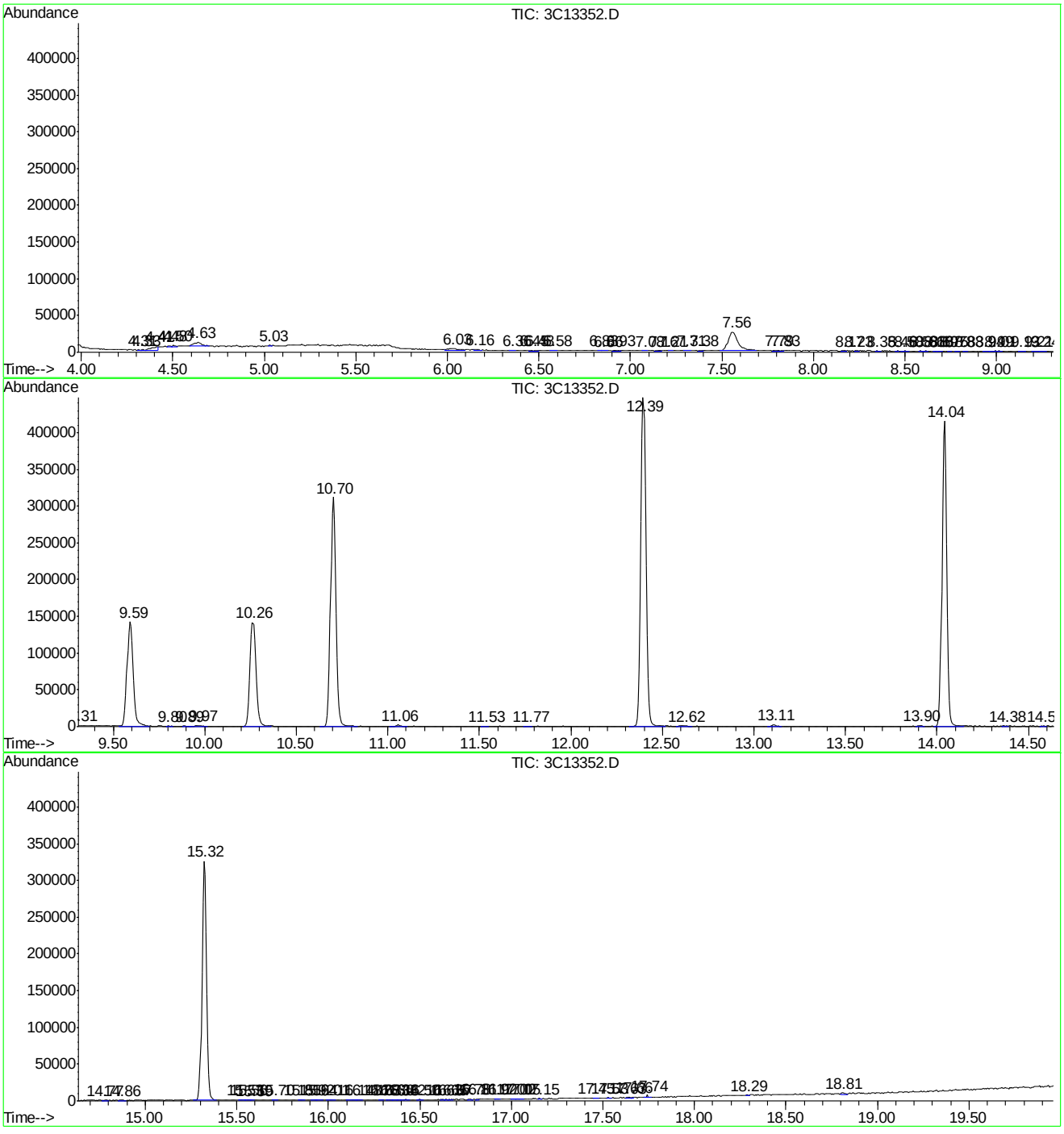
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.315	62	64	66	rVB3	804	545	0.07%	0.015%
2	4.331	66	67	71	rBV3	769	713	0.09%	0.020%
3	4.409	71	82	84	rBV8	4852	12272	1.48%	0.343%
4	4.477	93	95	98	rBV4	1298	1545	0.19%	0.043%
5	4.504	98	100	104	rVB5	1771	1952	0.24%	0.055%
6	4.635	117	125	137	rVB5	5480	15817	1.91%	0.442%
7	5.028	199	200	203	rBV4	1245	1007	0.12%	0.028%
8	6.035	383	392	403	rVB10	2134	7740	0.93%	0.216%
9	6.155	413	415	421	rVB4	1008	851	0.10%	0.024%
10	6.360	449	454	456	rBV4	842	1347	0.16%	0.038%
11	6.454	470	472	475	rVB2	740	752	0.09%	0.021%
12	6.480	475	477	481	rBV4	708	1043	0.13%	0.029%
13	6.580	492	496	499	rBV4	576	781	0.09%	0.022%
14	6.831	542	544	546	rBV2	648	482	0.06%	0.013%
15	6.858	546	549	552	rVV5	473	463	0.06%	0.013%
16	6.926	557	562	566	rBV4	676	1040	0.13%	0.029%
17	7.083	588	592	594	rBV3	515	721	0.09%	0.020%
18	7.157	601	606	609	rBV4	557	883	0.11%	0.025%
19	7.214	615	617	620	rVB2	515	489	0.06%	0.014%
20	7.314	631	636	639	rBV3	803	928	0.11%	0.026%
21	7.382	646	649	652	rBV2	635	658	0.08%	0.018%
22	7.560	669	683	707	rBV2	25432	97846	11.81%	2.735%
23	7.791	724	727	732	rBV4	834	1550	0.19%	0.043%
24	7.828	732	734	736	rBV2	829	671	0.08%	0.019%
25	8.174	795	800	801	rBV4	822	929	0.11%	0.026%
26	8.226	809	810	814	rBV4	584	557	0.07%	0.016%
27	8.347	831	833	837	rBV3	345	384	0.05%	0.011%
28	8.462	852	855	856	rVB2	643	512	0.06%	0.014%
29	8.499	857	862	866	rVB2	670	1056	0.13%	0.030%
30	8.583	876	878	881	rVV2	497	396	0.05%	0.011%
31	8.614	881	884	886	rVB3	573	446	0.05%	0.012%
32	8.661	891	893	895	rVB3	550	438	0.05%	0.012%
33	8.687	895	898	901	rBV3	703	1021	0.12%	0.029%
34	8.745	906	909	910	rBV2	429	416	0.05%	0.012%
35	8.777	914	915	919	rBV3	435	496	0.06%	0.014%
36	8.829	922	925	927	rBV3	543	400	0.05%	0.011%
37	8.939	943	946	950	rVB4	708	629	0.08%	0.018%
38	8.992	950	956	957	rBV2	870	1049	0.13%	0.029%

39	9.013	958	960	963	rVB2	574	547	0.07%	0.015%
40	9.133	980	983	987	rVB	373	489	0.06%	0.014%
41	9.207	994	997	1002	rBV3	525	680	0.08%	0.019%
42	9.243	1002	1004	1009	rVV2	546	616	0.07%	0.017%
43	9.311	1011	1017	1021	rVB3	546	921	0.11%	0.026%
44	9.589	1059	1070	1090	rVB	141788	324349	39.14%	9.066%
45	9.799	1108	1110	1115	rVB	336	522	0.06%	0.015%
46	9.893	1125	1128	1133	rBV2	405	615	0.07%	0.017%
47	9.967	1133	1142	1150	rVB5	1235	2561	0.31%	0.072%
48	10.260	1188	1198	1217	rBV	141155	310428	37.46%	8.677%
49	10.701	1268	1282	1307	rBV	312158	625545	75.48%	17.485%
50	11.057	1341	1350	1359	rVB3	1603	3002	0.36%	0.084%
51	11.529	1436	1440	1443	rBV	262	386	0.05%	0.011%
52	11.770	1480	1486	1489	rVB2	266	485	0.06%	0.014%
53	12.394	1590	1605	1628	rBV	447475	828733	100.00%	23.164%
54	12.620	1639	1648	1655	rVB2	646	1463	0.18%	0.041%
55	13.113	1735	1742	1749	rBV2	2479	3740	0.45%	0.105%
56	13.904	1889	1893	1898	rBV2	1092	1599	0.19%	0.045%
57	14.041	1908	1919	1939	rBV	415106	736235	88.84%	20.579%
58	14.376	1979	1983	1985	rBV	441	508	0.06%	0.014%
59	14.581	2018	2022	2025	rBV2	354	444	0.05%	0.012%
60	14.769	2057	2058	2063	rBV2	344	509	0.06%	0.014%
61	14.864	2074	2076	2081	rVB3	377	411	0.05%	0.011%
62	15.320	2152	2163	2176	rBV	325744	548337	66.17%	15.327%
63	15.535	2199	2204	2206	rVB4	488	606	0.07%	0.017%
64	15.556	2206	2208	2211	rVB2	596	380	0.05%	0.011%
65	15.587	2211	2214	2215	rBV2	417	405	0.05%	0.011%
66	15.703	2234	2236	2240	rVB3	598	382	0.05%	0.011%
67	15.849	2261	2264	2268	rBV	372	381	0.05%	0.011%
68	15.923	2274	2278	2280	rBV2	457	431	0.05%	0.012%
69	15.939	2280	2281	2287	rBV4	493	578	0.07%	0.016%
70	16.007	2290	2294	2300	rVB4	301	520	0.06%	0.015%
71	16.138	2311	2319	2322	rBV5	730	1396	0.17%	0.039%
72	16.180	2322	2327	2328	rBV3	532	573	0.07%	0.016%
73	16.279	2345	2346	2350	rVB3	681	648	0.08%	0.018%
74	16.332	2353	2356	2359	rVB2	779	760	0.09%	0.021%
75	16.358	2359	2361	2364	rBV2	571	670	0.08%	0.019%
76	16.379	2364	2365	2368	rVB2	570	435	0.05%	0.012%
77	16.421	2368	2373	2377	rBV3	691	1061	0.13%	0.030%
78	16.500	2385	2388	2391	rBV4	728	893	0.11%	0.025%
79	16.625	2409	2412	2414	rVB3	818	624	0.08%	0.017%
80	16.646	2414	2416	2418	rVB2	575	422	0.05%	0.012%
81	16.673	2418	2421	2422	rBV2	634	557	0.07%	0.016%
82	16.778	2437	2441	2443	rVB5	772	816	0.10%	0.023%
83	16.809	2446	2447	2450	rBV2	1124	765	0.09%	0.021%
84	16.919	2466	2468	2471	rVB3	560	607	0.07%	0.017%
85	17.008	2483	2485	2487	rVB3	907	507	0.06%	0.014%
86	17.024	2487	2488	2490	rVB2	793	491	0.06%	0.014%
87	17.050	2491	2493	2496	rBV3	687	612	0.07%	0.017%
88	17.150	2511	2512	2515	rVB3	725	427	0.05%	0.012%
89	17.454	2568	2570	2574	rBV5	513	582	0.07%	0.016%
90	17.527	2583	2584	2587	rBV3	849	697	0.08%	0.019%
91	17.627	2602	2603	2608	rBV4	771	946	0.11%	0.026%
92	17.658	2608	2609	2611	rBV2	856	599	0.07%	0.017%
93	17.742	2621	2625	2629	rBV2	3931	2086	0.25%	0.058%
94	18.287	2728	2729	2731	rBV2	1620	1021	0.12%	0.029%
95	18.807	2827	2828	2833	rVB4	1489	1814	0.22%	0.051%

Sum of corrected areas: 3577642

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13352.D
Operator : PINGM
Acquired : 6 May 2006 11:45 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-37
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 24
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 11:45 pm
Data File: C:\MSDCHEM\1\DATA\3C13352.D
Name: J29228-37
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13353.D Vial: 25
Acq On : 7 May 2006 12:13 am Operator: PINGM
Sample : J29228-38 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 00:37:23 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	41883	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	40194	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	246595	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	223477	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	122111	32.55	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 108.50%			
52) TOLUENE-d8 (SUR)	12.39	98	303276	29.80	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.33%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	116220	27.56	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.87%			

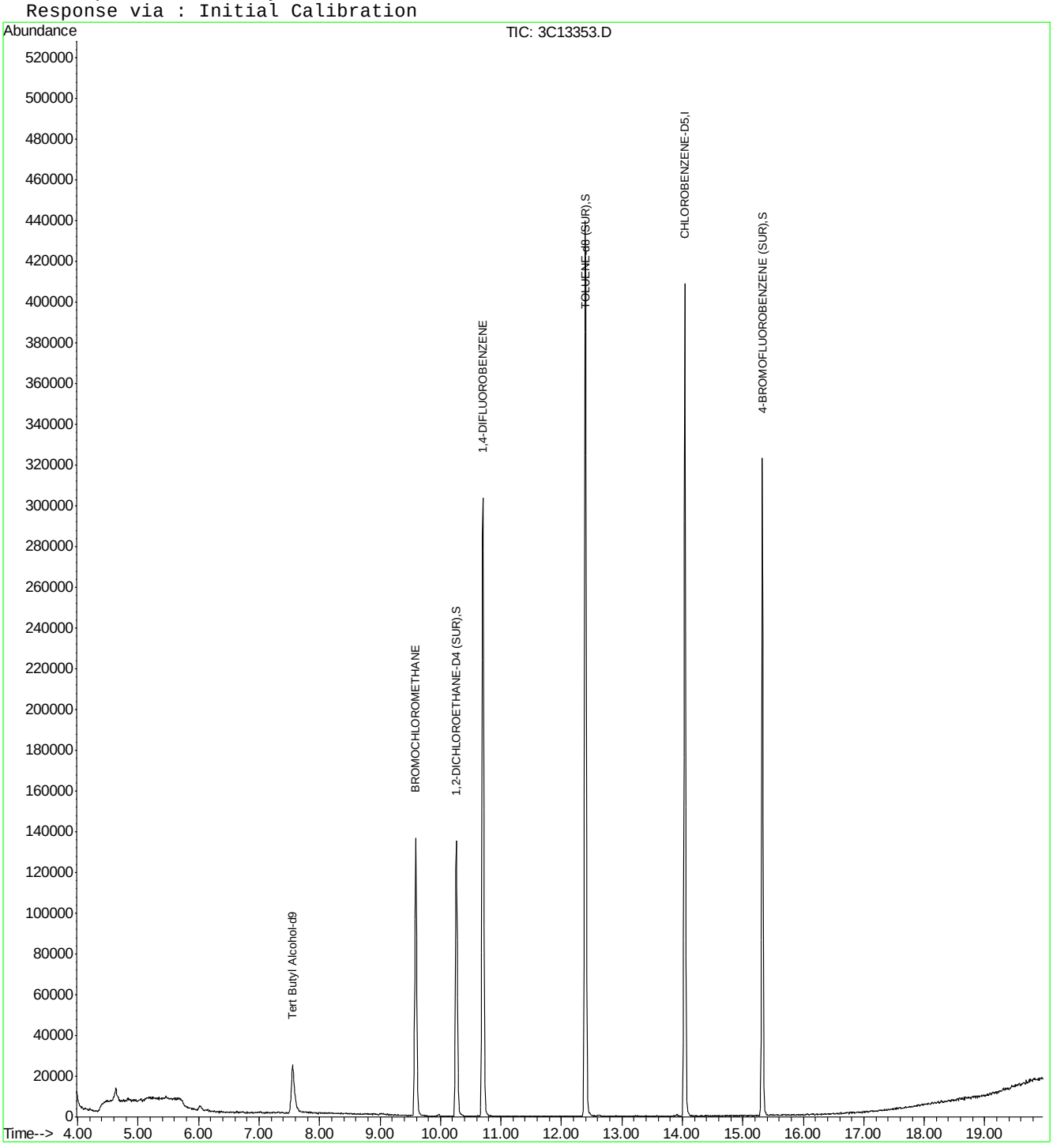
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13353.D Vial: 25
Acq On : 7 May 2006 12:13 am Operator: PINGM
Sample : J29228-38 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:06 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



3C13353.D M3C576.M Mon May 08 15:17:13 2006 MS3C Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13353.D Vial: 25
Acq On : 7 May 2006 12:13 am Operator: PINGM
Sample : J29228-38 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.435	66	87	89	rBV7	4975	19035	2.33%	0.543%
2	4.629	115	124	134	rVB4	6452	19268	2.36%	0.549%
3	5.122	216	218	220	rBV2	1220	1284	0.16%	0.037%
4	6.013	382	388	389	rBV5	2346	3193	0.39%	0.091%
5	6.207	424	425	431	rBV4	577	693	0.08%	0.020%
6	6.349	450	452	454	rBV2	998	748	0.09%	0.021%
7	6.606	499	501	503	rBV3	708	576	0.07%	0.016%
8	6.795	536	537	541	rBV3	660	705	0.09%	0.020%
9	6.889	547	555	557	rVB4	595	873	0.11%	0.025%
10	7.010	577	578	583	rBV2	527	531	0.06%	0.015%
11	7.099	594	595	600	rBV3	386	481	0.06%	0.014%
12	7.198	611	614	617	rBV3	607	831	0.10%	0.024%
13	7.240	618	622	627	rVB3	940	1466	0.18%	0.042%
14	7.309	627	635	643	rBV6	1070	3217	0.39%	0.092%
15	7.361	643	645	647	rBV3	561	450	0.06%	0.013%
16	7.555	669	682	712	rBV2	23684	91451	11.19%	2.607%
17	7.728	712	715	720	rBV4	573	900	0.11%	0.026%
18	7.796	726	728	733	rVB3	941	1186	0.15%	0.034%
19	7.828	733	734	738	rBV3	814	778	0.10%	0.022%
20	7.959	758	759	762	rVB3	832	628	0.08%	0.018%
21	7.980	762	763	766	rBV2	711	815	0.10%	0.023%
22	8.022	770	771	775	rVB3	501	550	0.07%	0.016%
23	8.053	775	777	779	rVB4	683	418	0.05%	0.012%
24	8.090	779	784	786	rBV4	550	746	0.09%	0.021%
25	8.163	795	798	803	rVB2	667	676	0.08%	0.019%
26	8.252	812	815	817	rBV3	412	407	0.05%	0.012%
27	8.357	834	835	837	rBV2	788	475	0.06%	0.014%
28	8.394	841	842	845	rBV2	476	438	0.05%	0.012%
29	8.483	857	859	862	rVB2	609	624	0.08%	0.018%
30	8.520	862	866	869	rBV4	616	876	0.11%	0.025%
31	8.640	884	889	892	rVB3	562	566	0.07%	0.016%
32	8.672	892	895	900	rBV4	518	585	0.07%	0.017%
33	8.787	914	917	921	rVB3	416	588	0.07%	0.017%
34	8.813	921	922	925	rBV3	502	415	0.05%	0.012%
35	8.892	934	937	938	rBV	480	435	0.05%	0.012%
36	8.923	941	943	952	rVB2	703	966	0.12%	0.028%
37	8.997	952	957	959	rBV	598	847	0.10%	0.024%
38	9.018	959	961	966	rVB	561	690	0.08%	0.020%

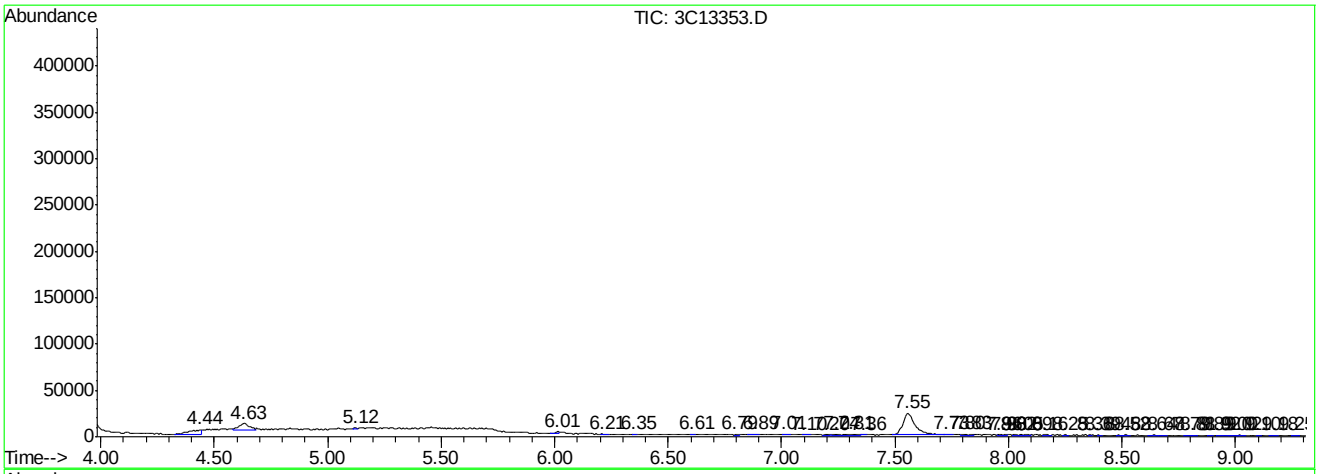
39	9.102	975	977	979	rVB3	542	393	0.05%	0.011%
40	9.175	986	991	993	rVB3	423	581	0.07%	0.017%
41	9.248	1004	1005	1011	rBV3	553	597	0.07%	0.017%
42	9.432	1037	1040	1044	rVB	452	421	0.05%	0.012%
43	9.589	1059	1070	1088	rBV	136348	308306	37.71%	8.790%
44	9.836	1113	1117	1120	rBV	272	394	0.05%	0.011%
45	9.967	1134	1142	1149	rBV4	1043	1748	0.21%	0.050%
46	10.260	1184	1198	1217	rBV	135353	299361	36.62%	8.535%
47	10.412	1222	1227	1230	rVB2	296	400	0.05%	0.011%
48	10.496	1241	1243	1247	rBV2	237	380	0.05%	0.011%
49	10.612	1259	1265	1270	rBV2	532	580	0.07%	0.017%
50	10.701	1270	1282	1306	rBV	303506	617389	75.52%	17.603%
51	12.305	1582	1588	1593	rVB2	302	539	0.07%	0.015%
52	12.394	1595	1605	1629	rVV	439848	817533	100.00%	23.310%
53	12.614	1638	1647	1651	rBV3	628	1444	0.18%	0.041%
54	13.055	1729	1731	1736	rVB2	339	423	0.05%	0.012%
55	13.102	1736	1740	1744	rBV2	323	518	0.06%	0.015%
56	13.485	1811	1813	1816	rBV2	381	457	0.06%	0.013%
57	13.910	1887	1894	1902	rVB3	947	1403	0.17%	0.040%
58	14.041	1907	1919	1937	rVB	408758	727310	88.96%	20.737%
59	14.145	1937	1939	1942	rBV2	387	429	0.05%	0.012%
60	14.387	1981	1985	1991	rBV3	378	593	0.07%	0.017%
61	14.465	1997	2000	2004	rVB2	369	397	0.05%	0.011%
62	14.617	2024	2029	2035	rVB2	289	661	0.08%	0.019%
63	14.659	2035	2037	2041	rBV3	407	438	0.05%	0.012%
64	15.241	2145	2148	2153	rVB3	381	469	0.06%	0.013%
65	15.320	2153	2163	2177	rBV	322728	540497	66.11%	15.411%
66	15.503	2195	2198	2202	rBV2	474	625	0.08%	0.018%
67	15.551	2202	2207	2212	rBV4	728	911	0.11%	0.026%
68	15.676	2230	2231	2235	rVB2	468	492	0.06%	0.014%
69	15.729	2235	2241	2242	rBV2	411	618	0.08%	0.018%
70	15.760	2245	2247	2251	rVB2	429	392	0.05%	0.011%
71	15.797	2251	2254	2256	rBV3	498	459	0.06%	0.013%
72	15.897	2268	2273	2276	rBV3	388	510	0.06%	0.015%
73	16.059	2301	2304	2310	rBV3	469	574	0.07%	0.016%
74	16.169	2323	2325	2327	rVB2	552	385	0.05%	0.011%
75	16.269	2342	2344	2349	rVB3	392	579	0.07%	0.017%
76	16.368	2357	2363	2365	rBV4	572	882	0.11%	0.025%
77	16.452	2375	2379	2381	rBV	530	599	0.07%	0.017%
78	16.484	2381	2385	2390	rVV3	538	852	0.10%	0.024%
79	16.542	2393	2396	2397	rBV3	424	386	0.05%	0.011%
80	16.615	2407	2410	2412	rVB2	689	786	0.10%	0.022%
81	16.699	2425	2426	2429	rBV2	538	447	0.05%	0.013%
82	16.746	2430	2435	2437	rVB3	622	1008	0.12%	0.029%
83	16.772	2437	2440	2444	rBV4	916	1262	0.15%	0.036%
84	16.814	2447	2448	2451	rBV3	1034	789	0.10%	0.022%
85	16.909	2464	2466	2470	rVB4	579	701	0.09%	0.020%
86	16.982	2479	2480	2485	rBV2	1278	1108	0.14%	0.032%
87	17.019	2485	2487	2489	rVV3	759	580	0.07%	0.017%
88	17.050	2491	2493	2497	rVB2	520	606	0.07%	0.017%
89	17.129	2506	2508	2511	rBV4	519	578	0.07%	0.016%
90	17.213	2520	2524	2525	rBV4	697	779	0.10%	0.022%
91	17.244	2528	2530	2531	rBV2	716	384	0.05%	0.011%
92	17.338	2547	2548	2550	rBV2	814	457	0.06%	0.013%
93	17.485	2573	2576	2577	rVB2	653	523	0.06%	0.015%
94	17.962	2664	2667	2671	rBV5	982	1264	0.15%	0.036%
95	18.581	2782	2785	2790	rBV7	1594	2618	0.32%	0.075%

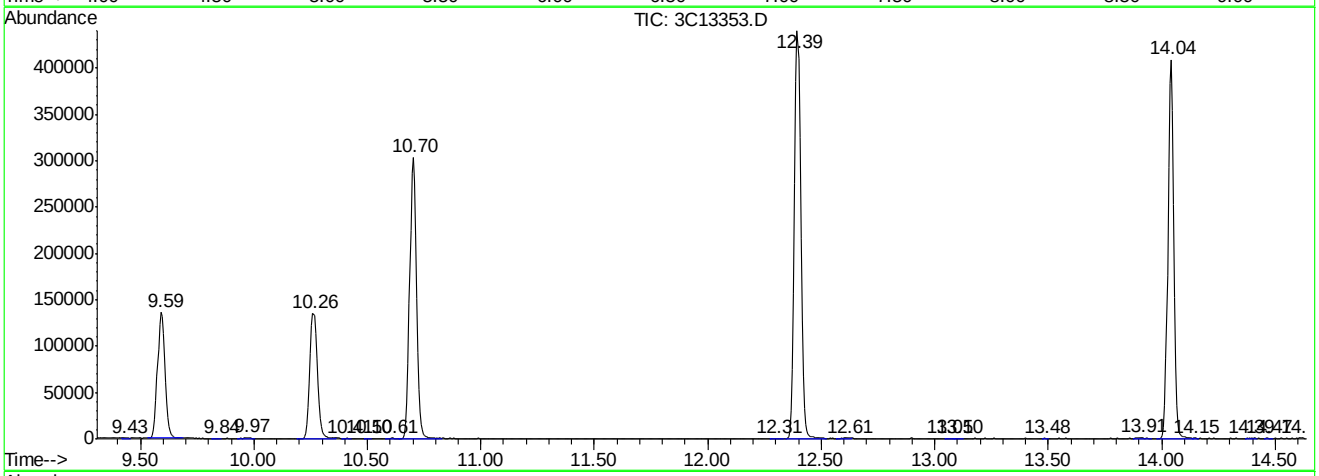
96	18.681	2802	2804	2808	rBV4	1467	2052	0.25%	0.059%

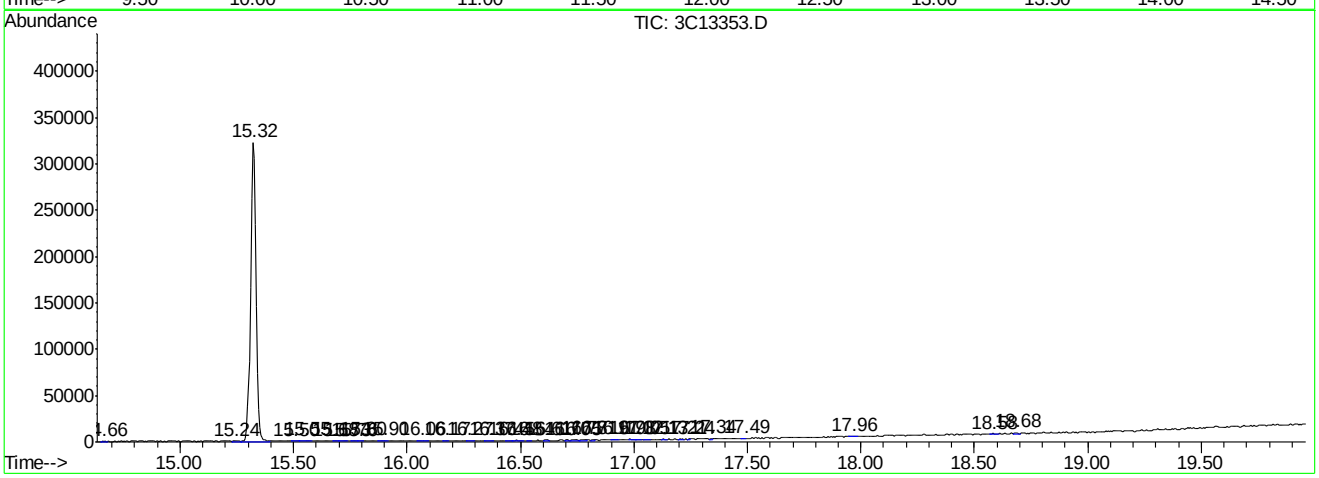
Sum of corrected areas: 3507278

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13353.D
Operator : PINGM
Acquired : 7 May 2006 12:13 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-38
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 25
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 12:13 am
Data File: C:\MSDCHEM\1\DATA\3C13353.D
Name: J29228-38
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13354.D Vial: 26
Acq On : 7 May 2006 12:42 am Operator: PINGM
Sample : J29228-39 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 01:06:06 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	44766	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	38806	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	239220	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	217908	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	123180	34.01	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 113.37%			
52) TOLUENE-d8 (SUR)	12.39	98	295166	29.90	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.67%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	113224	27.54	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 91.80%			

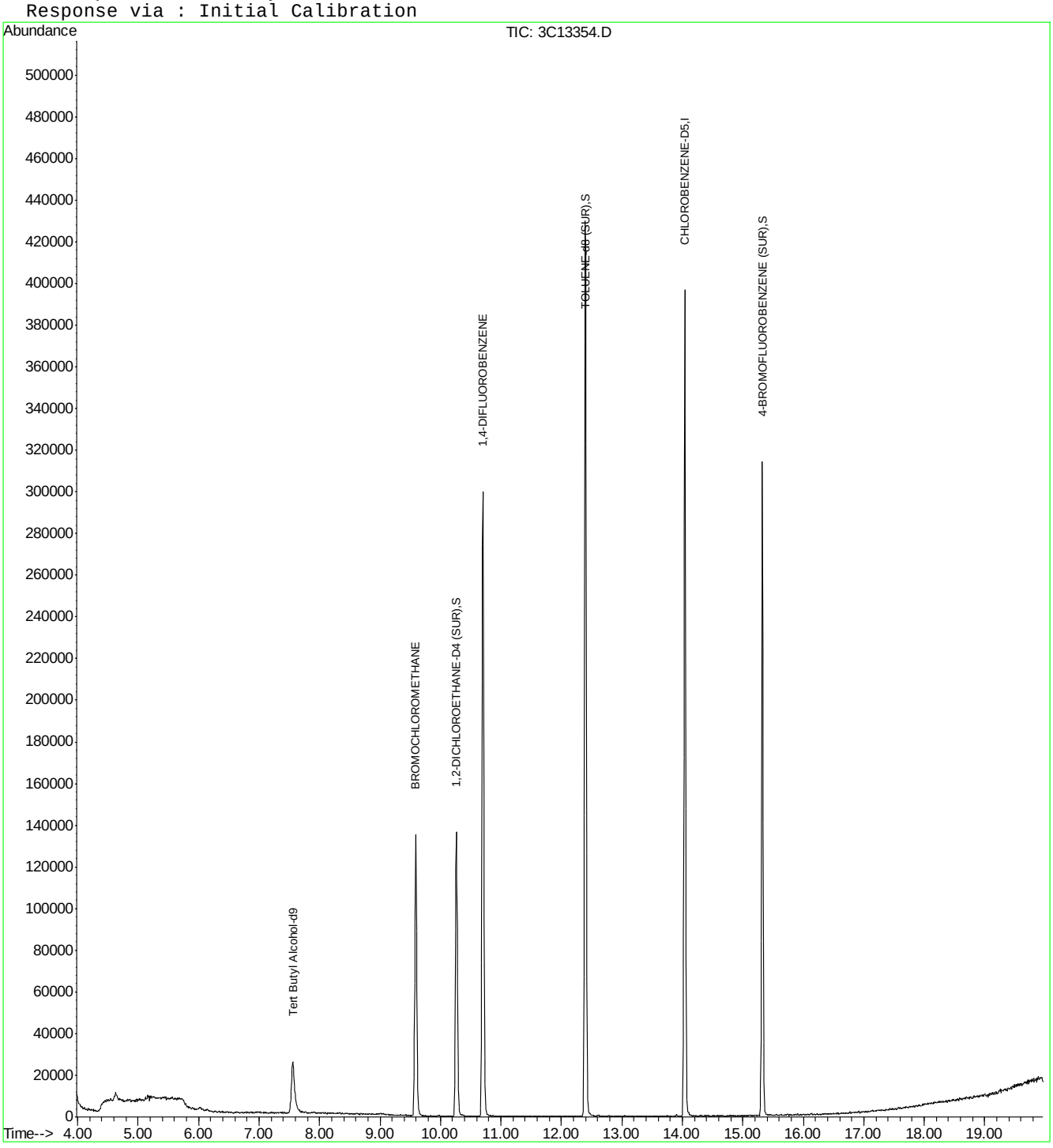
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13354.D Vial: 26
Acq On : 7 May 2006 12:42 am Operator: PINGM
Sample : J29228-39 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:06 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13354.D Vial: 26
Acq On : 7 May 2006 12:42 am Operator: PINGM
Sample : J29228-39 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

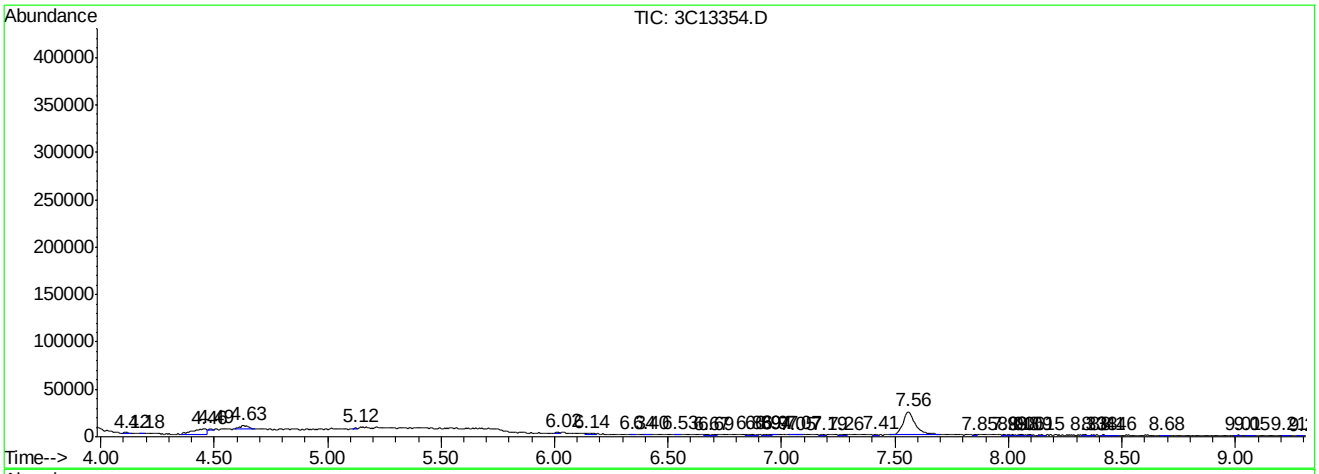
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.116	23	26	29	rVB3	915	980	0.12%	0.029%
2	4.179	37	38	41	rVB2	848	495	0.06%	0.014%
3	4.456	72	91	93	rBV9	5188	23007	2.89%	0.670%
4	4.488	94	97	99	rVV2	1141	1683	0.21%	0.049%
5	4.629	117	124	133	rVB6	3622	8895	1.12%	0.259%
6	5.122	216	218	220	rBV2	1906	1407	0.18%	0.041%
7	6.019	385	389	390	rBV4	874	773	0.10%	0.023%
8	6.139	411	412	420	rVB5	926	1527	0.19%	0.044%
9	6.344	449	451	453	rVB2	710	386	0.05%	0.011%
10	6.402	460	462	466	rBV3	615	486	0.06%	0.014%
11	6.533	486	487	491	rVB3	532	457	0.06%	0.013%
12	6.669	511	513	516	rVB3	571	531	0.07%	0.015%
13	6.690	516	517	522	rBV4	561	808	0.10%	0.024%
14	6.858	546	549	554	rVB4	808	1299	0.16%	0.038%
15	6.894	554	556	557	rBV2	742	426	0.05%	0.012%
16	6.942	560	565	568	rBV5	595	1129	0.14%	0.033%
17	6.973	568	571	573	rBV4	580	467	0.06%	0.014%
18	7.052	582	586	589	rBV3	414	667	0.08%	0.019%
19	7.073	589	590	594	rVB2	500	518	0.07%	0.015%
20	7.188	608	612	613	rBV3	705	695	0.09%	0.020%
21	7.261	624	626	631	rBV4	448	670	0.08%	0.020%
22	7.414	653	655	658	rBV2	683	667	0.08%	0.019%
23	7.560	667	683	709	rBV3	24682	97604	12.26%	2.844%
24	7.849	737	738	741	rBV2	373	388	0.05%	0.011%
25	7.985	761	764	765	rBV	699	506	0.06%	0.015%
26	8.006	766	768	772	rVB3	745	810	0.10%	0.024%
27	8.058	774	778	780	rBV4	548	711	0.09%	0.021%
28	8.090	782	784	787	rVB4	602	563	0.07%	0.016%
29	8.148	791	795	798	rBV4	672	940	0.12%	0.027%
30	8.331	828	830	836	rVB3	668	1006	0.13%	0.029%
31	8.378	836	839	840	rBV3	601	504	0.06%	0.015%
32	8.415	844	846	853	rBV4	499	734	0.09%	0.021%
33	8.462	853	855	859	rVB3	380	413	0.05%	0.012%
34	8.677	894	896	902	rBV4	757	1411	0.18%	0.041%
35	9.013	956	960	962	rBV3	532	597	0.07%	0.017%
36	9.049	966	967	974	rVB4	530	624	0.08%	0.018%
37	9.212	997	998	1003	rVB2	456	425	0.05%	0.012%
38	9.290	1009	1013	1015	rBV2	325	407	0.05%	0.012%

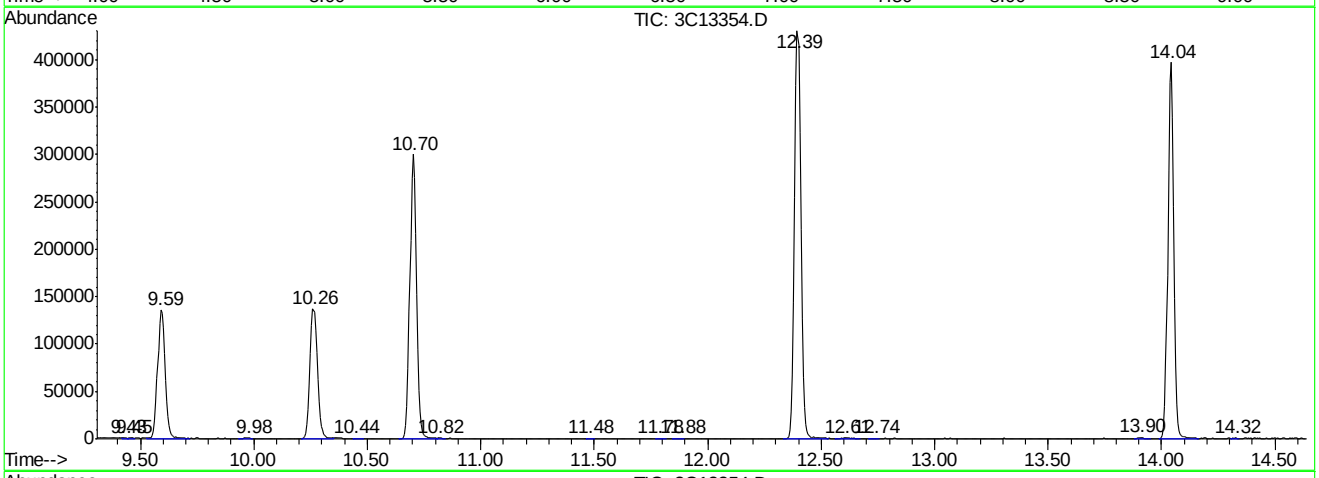
39	9.427	1037	1039	1042	rVB2	527	420	0.05%	0.012%
40	9.453	1042	1044	1048	rBV3	443	405	0.05%	0.012%
41	9.589	1058	1070	1094	rVB	135161	308364	38.72%	8.984%
42	9.977	1135	1144	1147	rBV2	659	1170	0.15%	0.034%
43	10.260	1188	1198	1215	rBV	136742	301252	37.83%	8.777%
44	10.444	1231	1233	1240	rBV2	218	407	0.05%	0.012%
45	10.701	1270	1282	1302	rBV	299760	598651	75.17%	17.442%
46	10.816	1302	1304	1309	rVB3	331	491	0.06%	0.014%
47	11.477	1427	1430	1434	rVB2	314	421	0.05%	0.012%
48	11.781	1486	1488	1494	rBV2	241	403	0.05%	0.012%
49	11.881	1500	1507	1509	rBV	294	518	0.07%	0.015%
50	12.394	1593	1605	1631	rBV	429937	796403	100.00%	23.204%
51	12.609	1637	1646	1657	rBV2	551	1501	0.19%	0.044%
52	12.735	1665	1670	1673	rVB2	337	526	0.07%	0.015%
53	13.904	1888	1893	1901	rBV4	959	1444	0.18%	0.042%
54	14.041	1909	1919	1942	rBV	396592	706953	88.77%	20.598%
55	14.324	1969	1973	1976	rBV3	365	461	0.06%	0.013%
56	14.654	2030	2036	2041	rBV2	450	738	0.09%	0.022%
57	15.032	2104	2108	2111	rVB2	502	479	0.06%	0.014%
58	15.058	2111	2113	2118	rBV2	509	540	0.07%	0.016%
59	15.105	2118	2122	2126	rBV3	406	581	0.07%	0.017%
60	15.320	2155	2163	2181	rBV	313960	529977	66.55%	15.441%
61	15.750	2238	2245	2246	rVB4	744	1170	0.15%	0.034%
62	15.771	2246	2249	2253	rBV2	723	1002	0.13%	0.029%
63	15.865	2265	2267	2272	rVB2	379	529	0.07%	0.015%
64	15.897	2272	2273	2280	rVB2	789	833	0.10%	0.024%
65	15.954	2280	2284	2285	rBV2	611	642	0.08%	0.019%
66	16.044	2298	2301	2302	rBV3	530	421	0.05%	0.012%
67	16.133	2311	2318	2322	rBV4	902	1456	0.18%	0.042%
68	16.206	2331	2332	2335	rBV	336	393	0.05%	0.011%
69	16.316	2348	2353	2355	rBV3	654	920	0.12%	0.027%
70	16.426	2368	2374	2376	rBV4	466	653	0.08%	0.019%
71	16.489	2383	2386	2390	rBV4	566	763	0.10%	0.022%
72	16.557	2396	2399	2401	rBV3	574	616	0.08%	0.018%
73	16.762	2437	2438	2442	rBV3	756	682	0.09%	0.020%
74	16.867	2455	2458	2460	rBV3	688	515	0.06%	0.015%
75	16.919	2465	2468	2471	rVB3	946	956	0.12%	0.028%
76	16.961	2474	2476	2478	rBV2	514	516	0.06%	0.015%
77	17.034	2486	2490	2492	rVB4	727	945	0.12%	0.028%
78	17.055	2492	2494	2496	rBV2	685	700	0.09%	0.020%
79	17.145	2506	2511	2515	rBV6	817	1442	0.18%	0.042%
80	17.187	2516	2519	2523	rVB4	539	715	0.09%	0.021%
81	17.302	2539	2541	2543	rVB3	626	529	0.07%	0.015%
82	17.370	2553	2554	2559	rBV4	648	583	0.07%	0.017%
83	17.433	2564	2566	2569	rVV4	570	434	0.05%	0.013%
84	17.569	2587	2592	2595	rBV6	1175	1865	0.23%	0.054%
85	17.763	2625	2629	2632	rBV3	759	1010	0.13%	0.029%
86	17.826	2639	2641	2643	rVB3	1056	840	0.11%	0.024%
87	17.863	2644	2648	2651	rVV6	898	1350	0.17%	0.039%
88	17.999	2672	2674	2677	rBV3	843	848	0.11%	0.025%
89	18.822	2829	2831	2833	rBV2	1255	1152	0.14%	0.034%

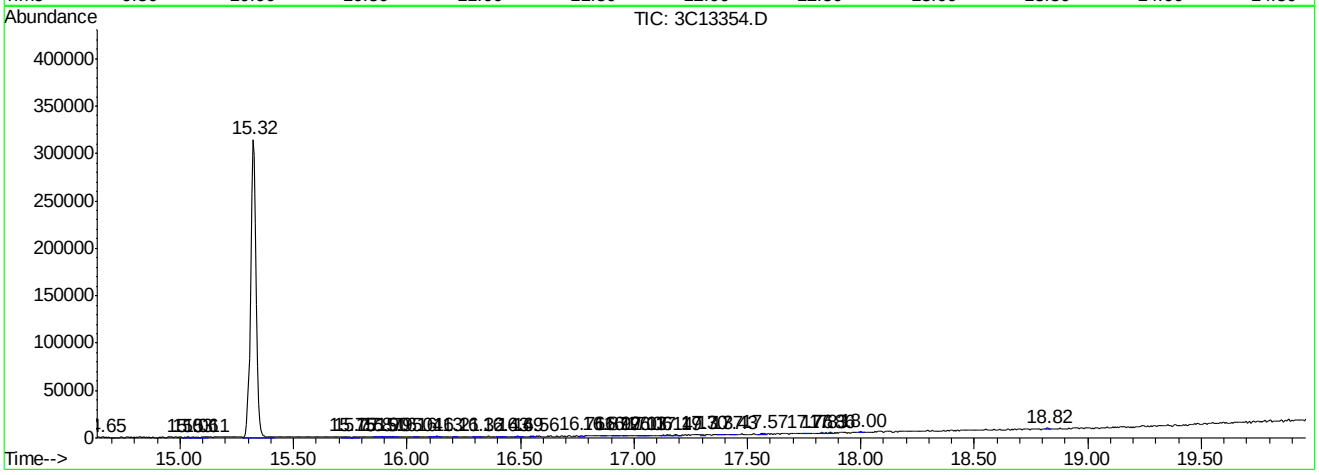
Sum of corrected areas: 3432201

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13354.D
Operator : PINGM
Acquired : 7 May 2006 12:42 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-39
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 26
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 12:42 am
Data File: C:\MSDCHEM\1\DATA\3C13354.D
Name: J29228-39
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13355.D Vial: 27
Acq On : 7 May 2006 1:11 am Operator: PINGM
Sample : J29228-40 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 01:34:56 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	44543	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	39673	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	237554	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	215358	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	123391	33.32	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 111.07%			
52) TOLUENE-d8 (SUR)	12.39	98	292419	29.83	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.43%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	112595	27.71	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.37%			

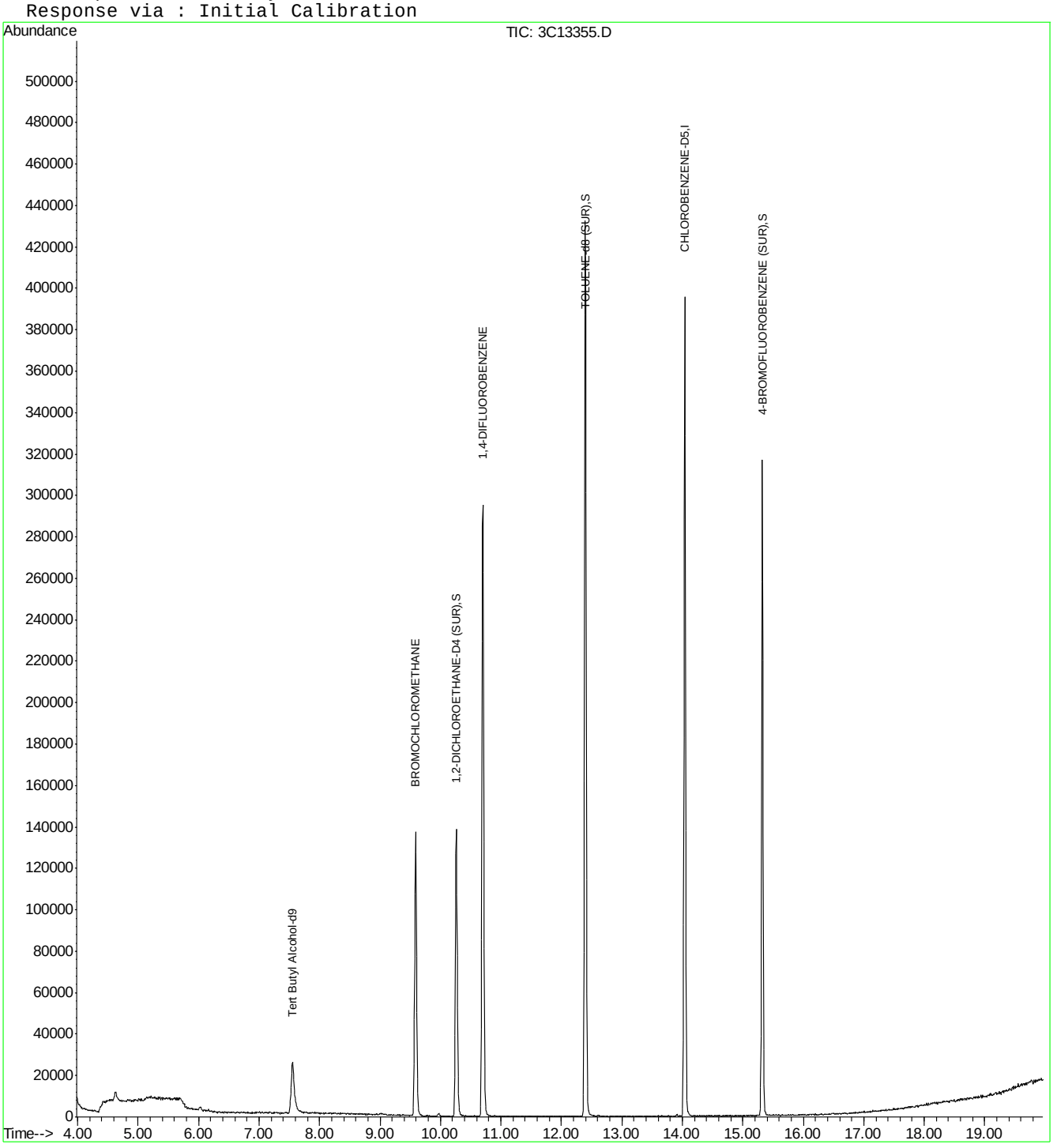
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13355.D Vial: 27
Acq On : 7 May 2006 1:11 am Operator: PINGM
Sample : J29228-40 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:06 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13355.D Vial: 27
Acq On : 7 May 2006 1:11 am Operator: PINGM
Sample : J29228-40 Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

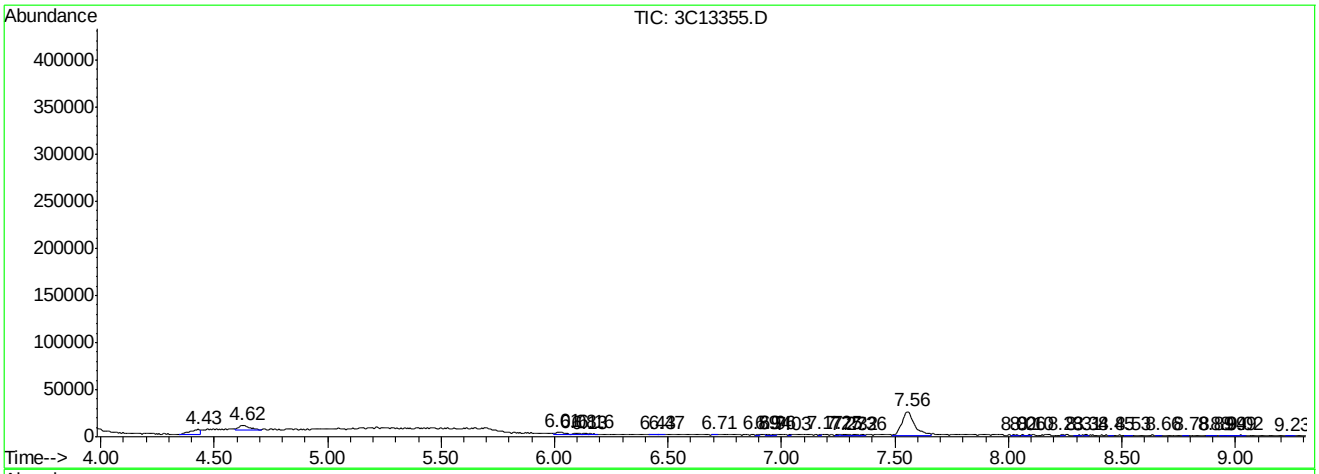
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.430	70	86	88	rBV8	5537	18886	2.38%	0.555%
2	4.624	117	123	139	rVB5	4543	13762	1.74%	0.405%
3	6.014	384	388	399	rVB6	2240	6169	0.78%	0.181%
4	6.082	399	401	408	rVV5	1079	1908	0.24%	0.056%
5	6.129	408	410	414	rVV3	966	1193	0.15%	0.035%
6	6.161	414	416	421	rVB4	1165	1166	0.15%	0.034%
7	6.433	465	468	472	rBV4	643	832	0.10%	0.024%
8	6.470	472	475	478	rBV3	604	475	0.06%	0.014%
9	6.706	517	520	522	rBV	606	396	0.05%	0.012%
10	6.889	554	555	558	rBV3	771	499	0.06%	0.015%
11	6.942	563	565	567	rVB2	814	576	0.07%	0.017%
12	6.963	567	569	572	rBV3	721	700	0.09%	0.021%
13	7.031	581	582	584	rBV2	502	408	0.05%	0.012%
14	7.167	607	608	610	rBV2	761	514	0.06%	0.015%
15	7.251	621	624	625	rBV	593	418	0.05%	0.012%
16	7.272	626	628	635	rVB4	509	947	0.12%	0.028%
17	7.319	635	637	642	rVB2	834	947	0.12%	0.028%
18	7.361	642	645	646	rBV2	668	609	0.08%	0.018%
19	7.555	669	682	702	rBV3	24869	94818	11.96%	2.789%
20	8.022	769	771	775	rBV4	579	606	0.08%	0.018%
21	8.064	777	779	781	rVB3	723	522	0.07%	0.015%
22	8.095	781	785	786	rBV2	514	583	0.07%	0.017%
23	8.232	810	811	814	rVB3	520	408	0.05%	0.012%
24	8.310	822	826	828	rBV2	717	832	0.10%	0.024%
25	8.342	830	832	834	rVV2	713	567	0.07%	0.017%
26	8.452	851	853	855	rBV2	367	382	0.05%	0.011%
27	8.525	864	867	871	rVB2	522	752	0.09%	0.022%
28	8.661	890	893	895	rBV3	470	556	0.07%	0.016%
29	8.782	913	916	918	rVB3	479	468	0.06%	0.014%
30	8.892	933	937	941	rBV4	573	769	0.10%	0.023%
31	8.945	944	947	951	rVB3	704	883	0.11%	0.026%
32	8.992	951	956	957	rBV3	678	760	0.10%	0.022%
33	9.023	957	962	966	rBV2	648	1213	0.15%	0.036%
34	9.228	1000	1001	1007	rBV4	325	422	0.05%	0.012%
35	9.322	1017	1019	1021	rVB2	611	467	0.06%	0.014%
36	9.338	1021	1022	1026	rBV3	464	401	0.05%	0.012%
37	9.380	1026	1030	1033	rVV3	444	541	0.07%	0.016%
38	9.479	1046	1049	1051	rVB	472	384	0.05%	0.011%

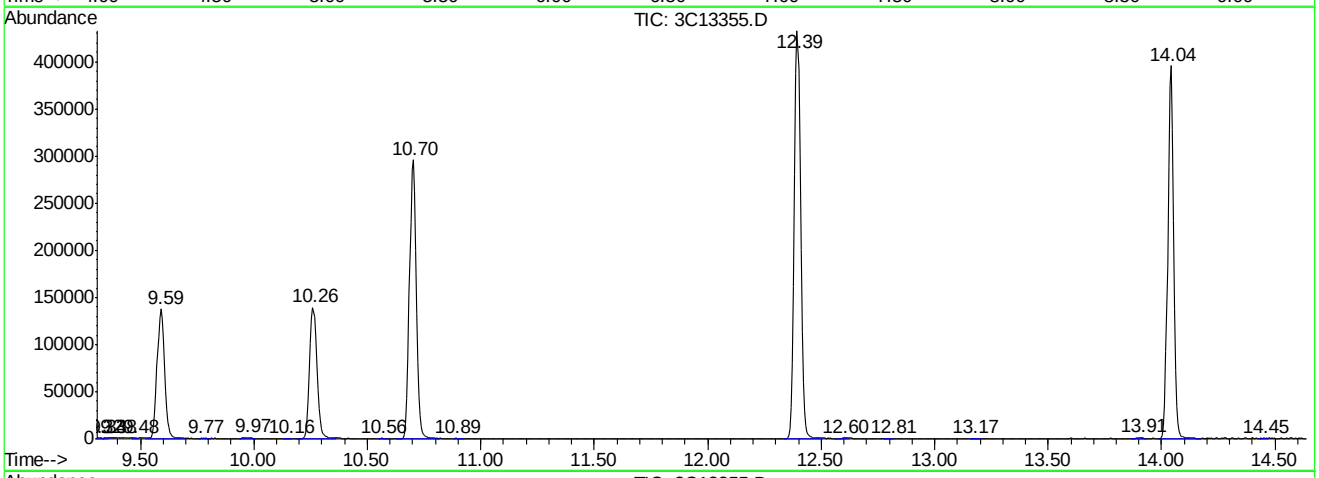
39	9.589	1057	1070	1090	rVB	137078	306051	38.61%	9.001%
40	9.768	1102	1104	1112	rVB3	311	386	0.05%	0.011%
41	9.972	1136	1143	1149	rVB3	1240	2459	0.31%	0.072%
42	10.156	1173	1178	1180	rVB2	323	461	0.06%	0.014%
43	10.261	1184	1198	1217	rVV	138815	299543	37.79%	8.809%
44	10.565	1253	1256	1262	rVB2	352	406	0.05%	0.012%
45	10.701	1268	1282	1304	rBV	295322	596098	75.20%	17.531%
46	10.890	1316	1318	1324	rBV2	433	540	0.07%	0.016%
47	12.395	1594	1605	1626	rBV	432439	792718	100.00%	23.313%
48	12.599	1637	1644	1649	rBV2	690	1180	0.15%	0.035%
49	12.809	1678	1684	1686	rBV2	391	579	0.07%	0.017%
50	13.170	1751	1753	1758	rBV2	324	587	0.07%	0.017%
51	13.910	1886	1894	1898	rVB4	1047	1715	0.22%	0.050%
52	14.041	1909	1919	1944	rVB	395593	702490	88.62%	20.660%
53	14.450	1994	1997	2000	rBV2	361	394	0.05%	0.012%
54	14.791	2055	2062	2066	rVB3	454	448	0.06%	0.013%
55	14.969	2092	2096	2098	rVB2	310	430	0.05%	0.013%
56	14.995	2098	2101	2103	rBV2	458	454	0.06%	0.013%
57	15.110	2119	2123	2129	rVB2	384	549	0.07%	0.016%
58	15.320	2153	2163	2180	rVB	316681	524348	66.15%	15.421%
59	15.435	2180	2185	2187	rBV2	362	475	0.06%	0.014%
60	15.823	2257	2259	2262	rVB	489	385	0.05%	0.011%
61	15.876	2267	2269	2274	rVB2	320	388	0.05%	0.011%
62	15.923	2276	2278	2280	rBV2	538	385	0.05%	0.011%
63	15.991	2289	2291	2294	rBV2	492	425	0.05%	0.012%
64	16.122	2309	2316	2318	rBV4	484	715	0.09%	0.021%
65	16.201	2328	2331	2334	rBV2	561	489	0.06%	0.014%
66	16.301	2348	2350	2354	rVB2	513	584	0.07%	0.017%
67	16.353	2354	2360	2362	rBV3	466	744	0.09%	0.022%
68	16.432	2372	2375	2378	rVB2	464	440	0.06%	0.013%
69	16.463	2379	2381	2383	rBV	527	395	0.05%	0.012%
70	16.788	2441	2443	2444	rBV	625	425	0.05%	0.012%
71	16.809	2445	2447	2449	rVB	663	414	0.05%	0.012%
72	16.856	2455	2456	2458	rBV2	987	561	0.07%	0.016%
73	16.909	2463	2466	2467	rBV3	408	422	0.05%	0.012%
74	17.008	2481	2485	2488	rBV3	955	1227	0.15%	0.036%
75	17.061	2494	2495	2497	rBV2	705	399	0.05%	0.012%
76	17.108	2502	2504	2506	rVV3	606	454	0.06%	0.013%
77	17.255	2531	2532	2534	rBV2	599	433	0.05%	0.013%
78	17.297	2537	2540	2541	rBV3	563	534	0.07%	0.016%
79	17.905	2655	2656	2658	rBV2	912	679	0.09%	0.020%
80	18.041	2680	2682	2684	rBV2	1112	732	0.09%	0.022%

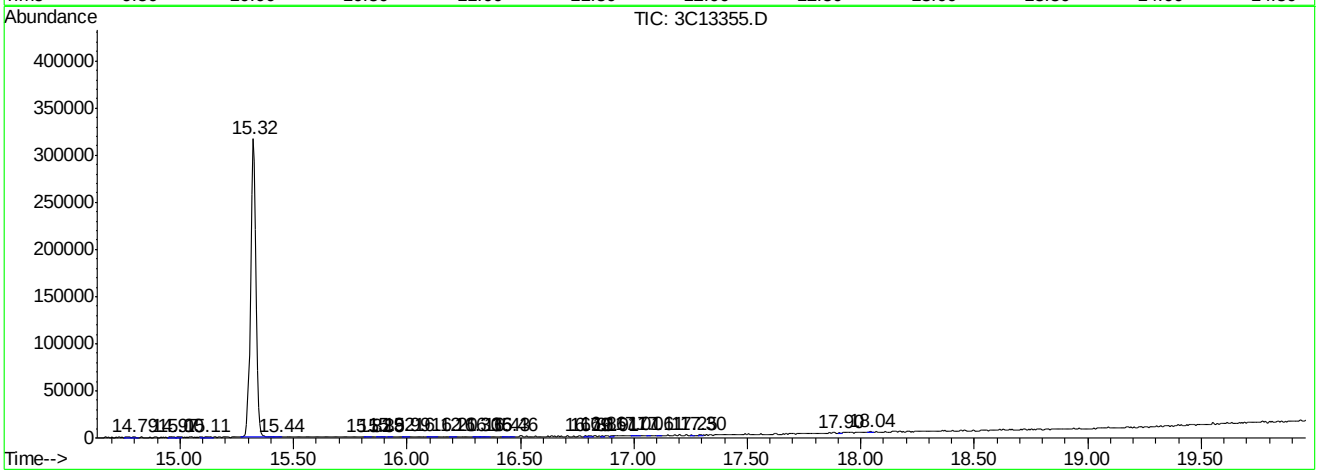
Sum of corrected areas: 3400280

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13355.D
Operator : PINGM
Acquired : 7 May 2006 1:11 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-40
Misc Info : MS32133,V3C578,W,,,,1
Vial Number: 27
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 1:11 am
Data File: C:\MSDCHEM\1\DATA\3C13355.D
Name: J29228-40
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13358.D Vial: 30
Acq On : 7 May 2006 2:38 am Operator: PINGM
Sample : J29228-41 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 03:01:38 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	46752	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	40342	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	252615	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	229002	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	126957	33.71	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 112.37%			
52) TOLUENE-d8 (SUR)	12.39	98	314963	30.22	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.73%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	120565	27.90	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 93.00%			

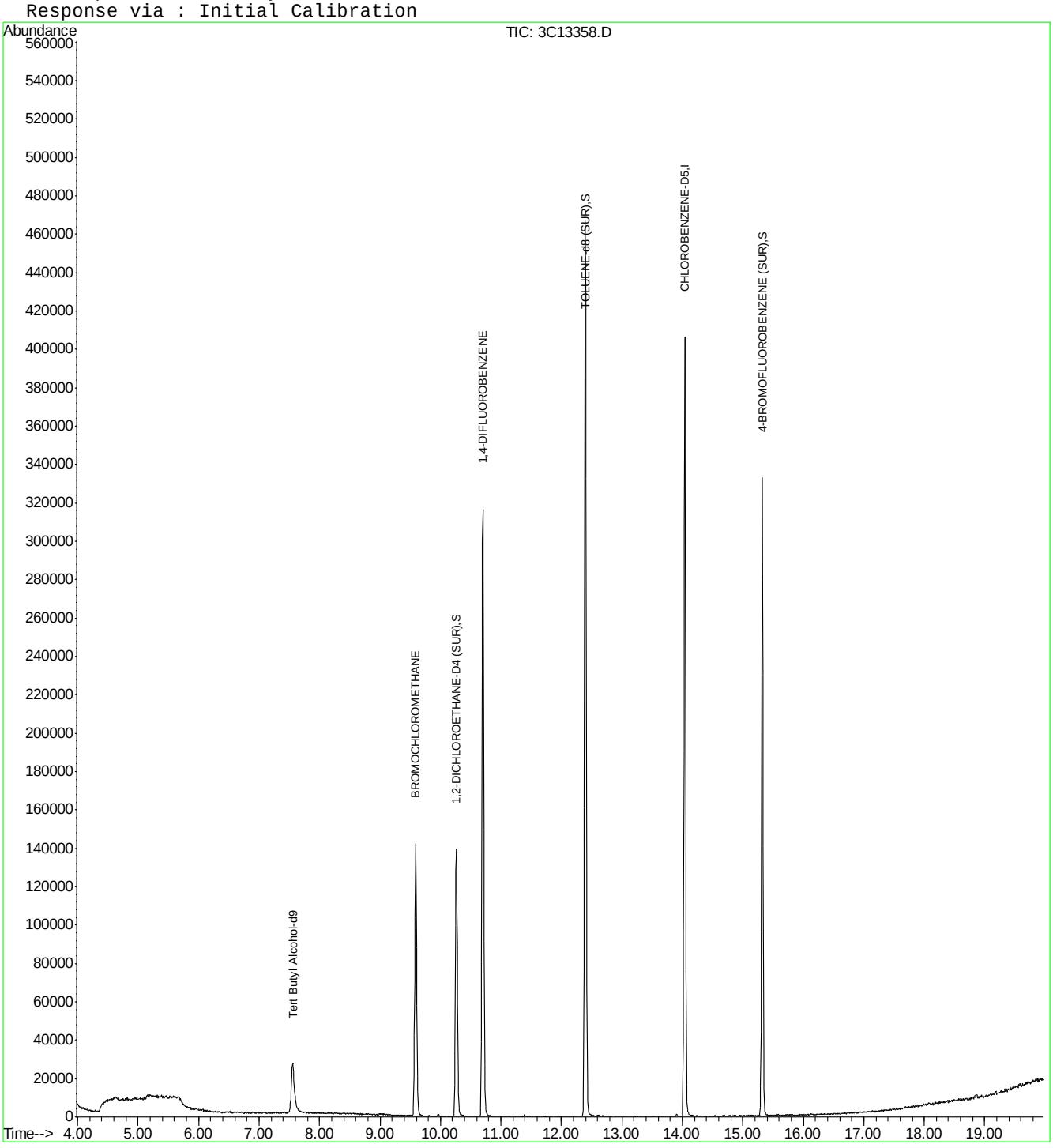
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13358.D Vial: 30
Acq On : 7 May 2006 2:38 am Operator: PINGM
Sample : J29228-41 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:08 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13358.D Vial: 30
Acq On : 7 May 2006 2:38 am Operator: PINGM
Sample : J29228-41 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.236	47	49	52	rVB3	738	749	0.09%	0.021%
2	4.289	57	59	64	rVB3	889	1080	0.13%	0.030%
3	4.325	64	66	67	rBV	563	410	0.05%	0.011%
4	4.420	71	84	85	rBV5	4785	12265	1.45%	0.342%
5	4.435	85	87	89	rBV3	1533	1523	0.18%	0.042%
6	5.148	219	223	230	rBV10	2311	5721	0.68%	0.160%
7	5.914	368	369	373	rVB3	993	771	0.09%	0.021%
8	6.092	401	403	405	rVB2	632	519	0.06%	0.014%
9	6.139	410	412	415	rVB3	992	758	0.09%	0.021%
10	6.160	415	416	421	rVB5	575	731	0.09%	0.020%
11	6.312	444	445	447	rBV2	650	469	0.06%	0.013%
12	6.506	479	482	484	rBV4	459	594	0.07%	0.017%
13	6.527	484	486	489	rVB2	1165	837	0.10%	0.023%
14	6.548	489	490	493	rBV3	794	606	0.07%	0.017%
15	6.910	556	559	563	rVB4	928	606	0.07%	0.017%
16	6.963	567	569	574	rVB4	691	1127	0.13%	0.031%
17	7.020	574	580	582	rBV5	801	1435	0.17%	0.040%
18	7.120	598	599	602	rBV2	597	444	0.05%	0.012%
19	7.167	603	608	612	rVB4	720	1259	0.15%	0.035%
20	7.214	612	617	619	rBV4	803	1031	0.12%	0.029%
21	7.251	619	624	625	rVV4	431	566	0.07%	0.016%
22	7.419	654	656	660	rBV2	636	548	0.06%	0.015%
23	7.560	667	683	704	rBV2	25985	100700	11.91%	2.808%
24	7.901	745	748	751	rVB3	709	626	0.07%	0.017%
25	7.922	751	752	756	rBV2	625	407	0.05%	0.011%
26	7.953	756	758	760	rBV2	594	398	0.05%	0.011%
27	8.043	772	775	778	rBV4	458	625	0.07%	0.017%
28	8.137	791	793	797	rVB3	505	477	0.06%	0.013%
29	8.195	802	804	806	rBV	809	454	0.05%	0.013%
30	8.326	827	829	831	rVB2	473	426	0.05%	0.012%
31	8.383	836	840	841	rBV2	701	786	0.09%	0.022%
32	8.467	851	856	858	rVB3	468	668	0.08%	0.019%
33	8.598	878	881	883	rBV2	420	494	0.06%	0.014%
34	8.688	895	898	900	rVB3	755	801	0.09%	0.022%
35	8.703	900	901	904	rBV2	603	522	0.06%	0.015%
36	8.850	926	929	933	rVB3	414	639	0.08%	0.018%
37	8.892	933	937	944	rVB4	449	929	0.11%	0.026%
38	8.934	944	945	952	rBV2	279	475	0.06%	0.013%

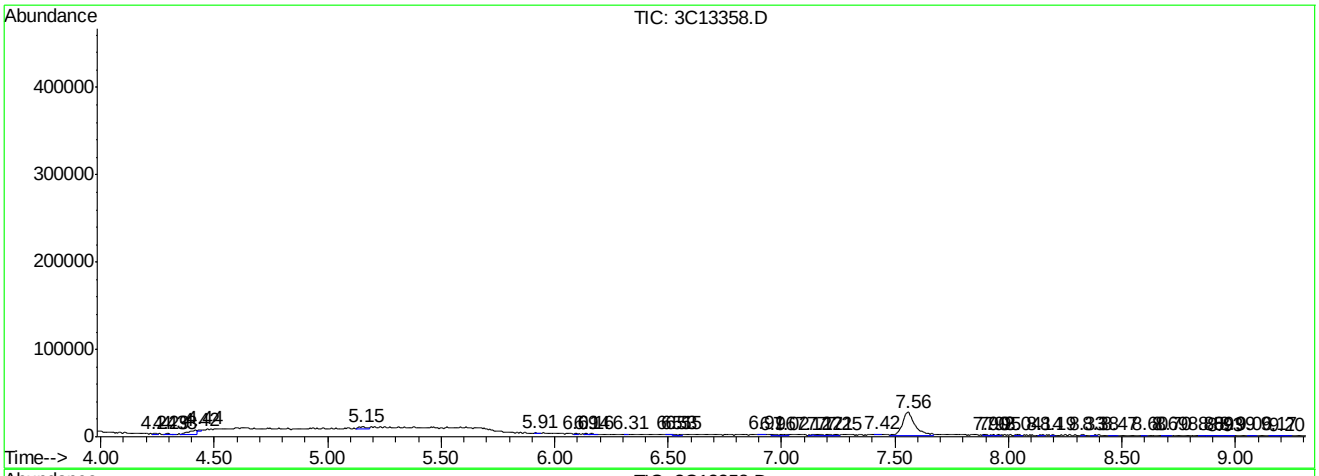
39	8.986	952	955	956	rBV2	605	459	0.05%	0.013%
40	9.060	968	969	975	rVB4	539	556	0.07%	0.016%
41	9.170	986	990	995	rVB4	499	731	0.09%	0.020%
42	9.201	995	996	1004	rVB3	358	643	0.08%	0.018%
43	9.332	1018	1021	1024	rBV2	316	413	0.05%	0.012%
44	9.589	1060	1070	1091	rVB2	141904	316764	37.47%	8.831%
45	9.851	1117	1120	1127	rVB2	369	561	0.07%	0.016%
46	9.925	1127	1134	1137	rBV2	279	452	0.05%	0.013%
47	9.972	1137	1143	1149	rVB5	1181	2131	0.25%	0.059%
48	10.260	1186	1198	1221	rBV	139702	309865	36.66%	8.639%
49	10.701	1268	1282	1303	rBV	316497	628396	74.34%	17.520%
50	11.230	1377	1383	1384	rBV	285	460	0.05%	0.013%
51	11.304	1390	1397	1399	rBV2	282	426	0.05%	0.012%
52	11.388	1407	1413	1415	rBV	1028	783	0.09%	0.022%
53	12.394	1595	1605	1629	rBV	466933	845336	100.00%	23.568%
54	12.531	1630	1631	1637	rVV2	356	526	0.06%	0.015%
55	12.588	1637	1642	1643	rVV	661	532	0.06%	0.015%
56	12.604	1643	1645	1656	rVB3	705	1650	0.20%	0.046%
57	12.683	1656	1660	1663	rBV	433	417	0.05%	0.012%
58	13.197	1754	1758	1762	rVB2	279	506	0.06%	0.014%
59	13.244	1762	1767	1769	rVB	307	428	0.05%	0.012%
60	13.328	1776	1783	1784	rVB	357	497	0.06%	0.014%
61	13.910	1886	1894	1897	rVB3	968	1432	0.17%	0.040%
62	14.041	1909	1919	1936	rBV	406174	740468	87.59%	20.644%
63	14.575	2020	2021	2026	rVB2	315	418	0.05%	0.012%
64	14.937	2085	2090	2093	rVB2	353	585	0.07%	0.016%
65	15.084	2116	2118	2121	rBV3	356	401	0.05%	0.011%
66	15.110	2121	2123	2133	rVB3	563	1169	0.14%	0.033%
67	15.178	2133	2136	2139	rBV3	371	503	0.06%	0.014%
68	15.320	2150	2163	2182	rBV	332699	557814	65.99%	15.552%
69	15.577	2209	2212	2215	rVB3	408	437	0.05%	0.012%
70	15.713	2234	2238	2240	rBV3	483	509	0.06%	0.014%
71	15.781	2245	2251	2253	rBV3	624	715	0.08%	0.020%
72	15.996	2290	2292	2298	rBV2	357	496	0.06%	0.014%
73	16.127	2312	2317	2322	rBV3	1016	1445	0.17%	0.040%
74	16.342	2357	2358	2361	rBV3	656	476	0.06%	0.013%
75	16.363	2361	2362	2368	rBV3	524	509	0.06%	0.014%
76	16.521	2388	2392	2394	rVB2	516	655	0.08%	0.018%
77	16.542	2394	2396	2397	rBV2	657	407	0.05%	0.011%
78	16.568	2398	2401	2402	rVB2	774	668	0.08%	0.019%
79	16.584	2402	2404	2408	rBV2	805	1004	0.12%	0.028%
80	16.620	2410	2411	2413	rBV2	765	521	0.06%	0.015%
81	16.641	2413	2415	2418	rVV4	424	434	0.05%	0.012%
82	16.673	2418	2421	2423	rVV3	730	540	0.06%	0.015%
83	16.694	2423	2425	2429	rVB4	793	850	0.10%	0.024%
84	16.725	2429	2431	2434	rBV3	939	1050	0.12%	0.029%
85	16.778	2440	2441	2444	rVB2	622	503	0.06%	0.014%
86	16.809	2444	2447	2448	rBV3	701	505	0.06%	0.014%
87	16.919	2465	2468	2471	rBV4	881	1013	0.12%	0.028%
88	17.003	2479	2484	2487	rBV2	799	1098	0.13%	0.031%
89	17.155	2508	2513	2516	rVB5	643	851	0.10%	0.024%
90	17.213	2519	2524	2527	rBV4	848	1368	0.16%	0.038%
91	17.249	2527	2531	2532	rBV3	705	880	0.10%	0.025%
92	17.480	2571	2575	2578	rBV4	683	849	0.10%	0.024%
93	17.622	2598	2602	2604	rBV4	643	619	0.07%	0.017%
94	17.690	2613	2615	2621	rBV6	889	1133	0.13%	0.032%
95	17.784	2632	2633	2638	rBV5	1077	1411	0.17%	0.039%

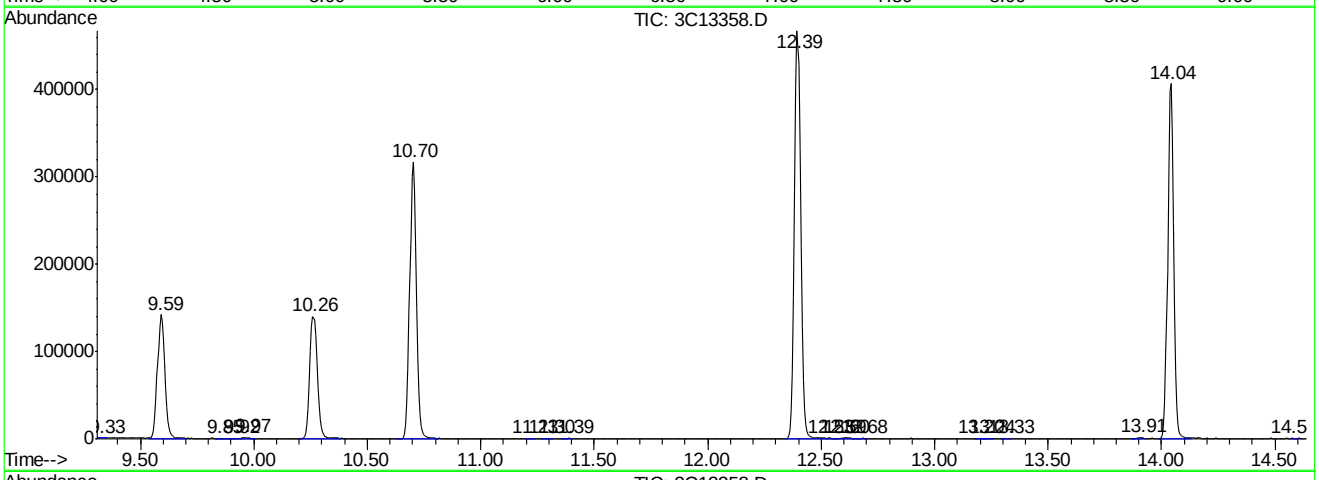
96	17.821	2638	2640	2642	rVV3	965	724	0.09%	0.020%
97	17.889	2651	2653	2655	rVB3	1688	1187	0.14%	0.033%
98	17.989	2669	2672	2675	rBV4	1276	1808	0.21%	0.050%
99	18.387	2742	2748	2750	rBV6	1558	2045	0.24%	0.057%
100	18.413	2750	2753	2755	rBV3	1561	1287	0.15%	0.036%

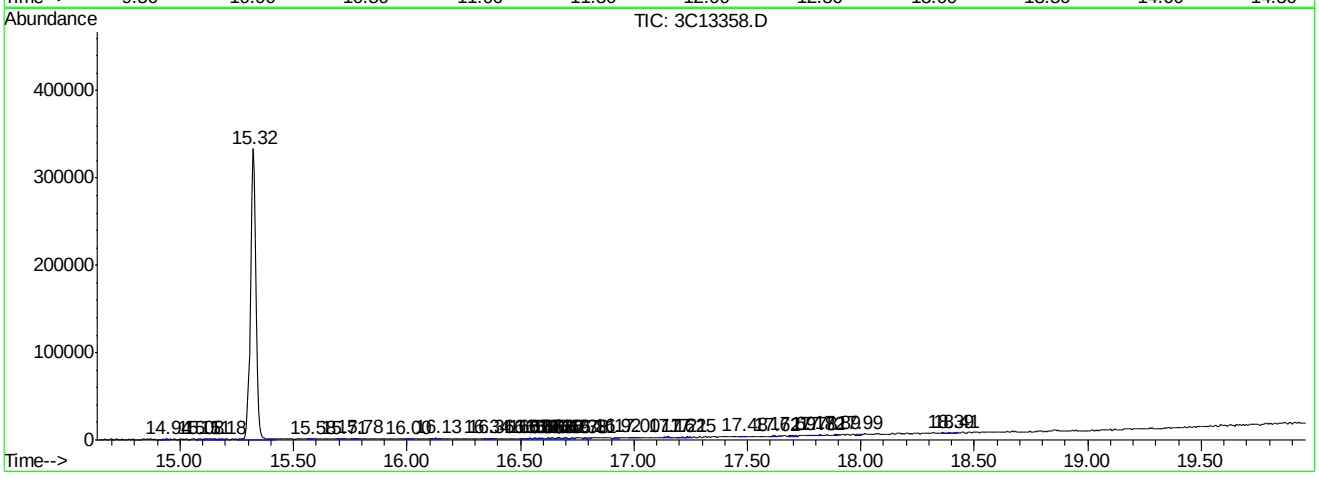
Sum of corrected areas: 3586795

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13358.D
Operator : PINGM
Acquired : 7 May 2006 2:38 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-41
Misc Info : MS32133,V3C579,W,,,,1
Vial Number: 30
Quant File :M3C576.RES (RTE Integrator)







Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 2:38 am
Data File: C:\MSDCHEM\1\DATA\3C13358.D
Name: J29228-41
Misc: MS32133,V3C579,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13359.D Vial: 31
Acq On : 7 May 2006 3:06 am Operator: PINGM
Sample : J29228-42 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 03:30:24 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	45521	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	40117	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	244064	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	220536	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	125035	33.39	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 111.30%			
52) TOLUENE-d8 (SUR)	12.39	98	300306	29.82	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.40%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	114850	27.60	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.00%			

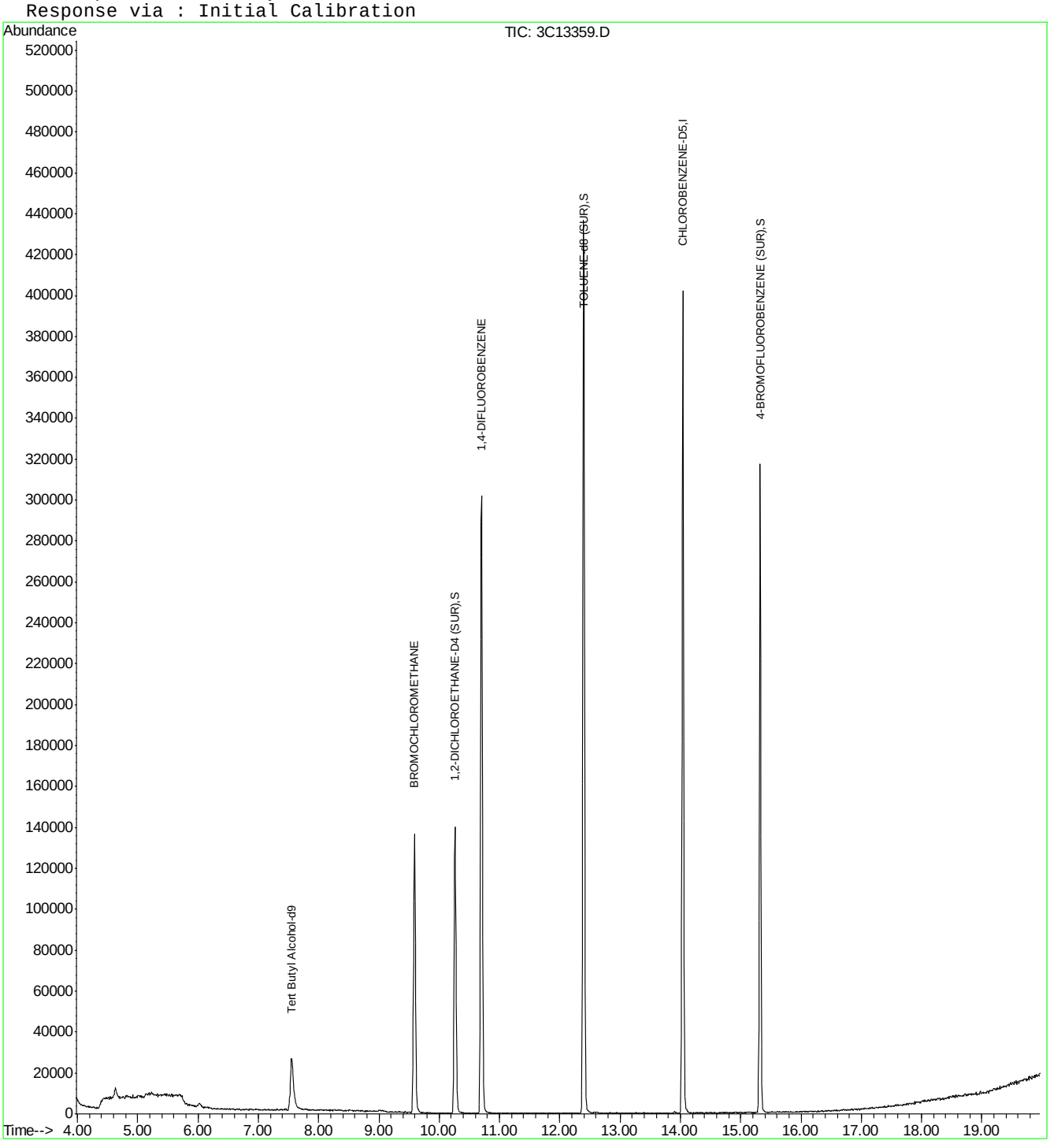
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13359.D Vial: 31
Acq On : 7 May 2006 3:06 am Operator: PINGM
Sample : J29228-42 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:09 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13359.D Vial: 31
Acq On : 7 May 2006 3:06 am Operator: PINGM
Sample : J29228-42 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

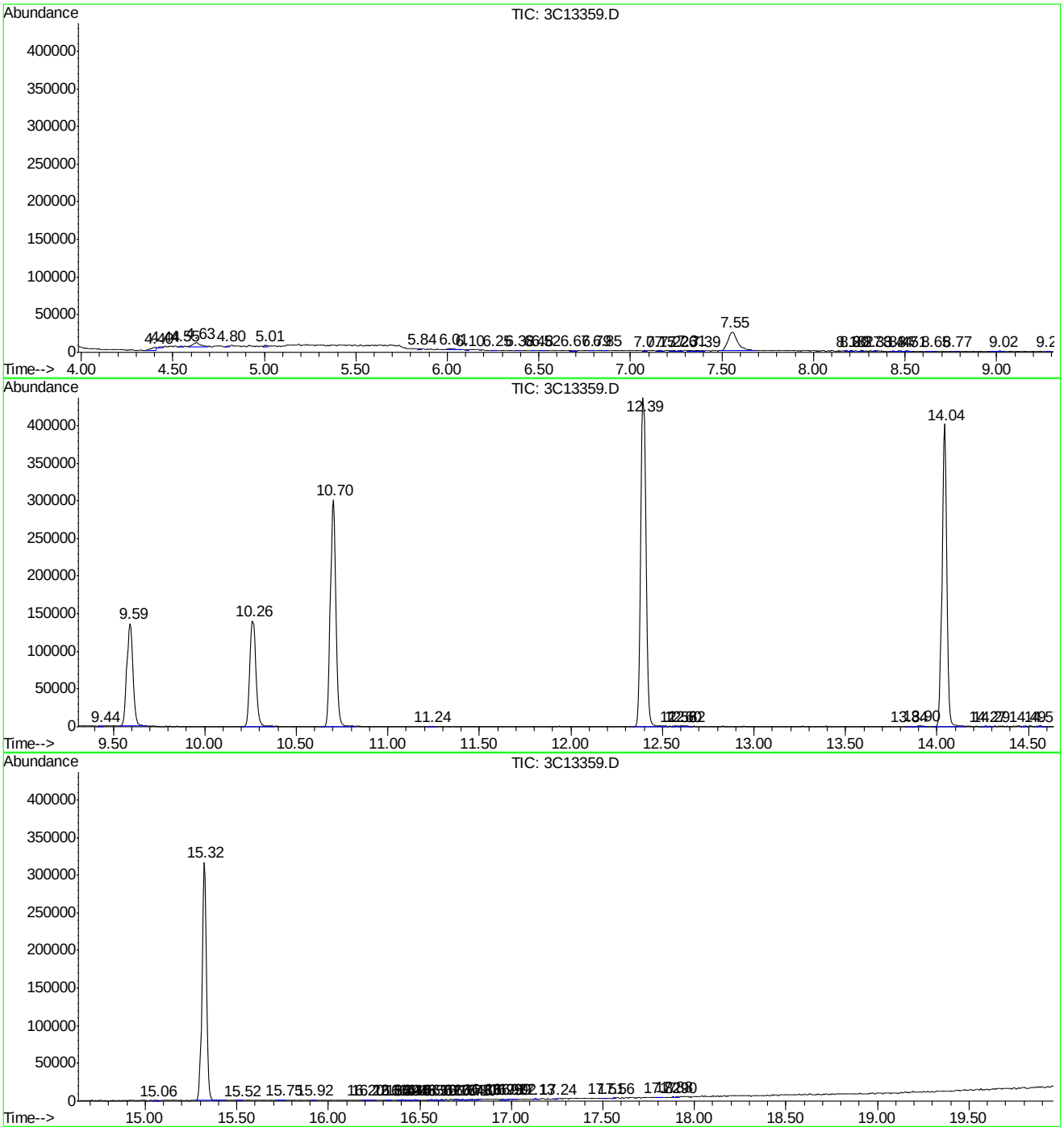
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.404	71	81	82	rBV4	4150	7478	0.92%	0.216%
2	4.436	84	87	90	rVV4	1482	2446	0.30%	0.070%
3	4.546	105	108	110	rBV3	1420	1214	0.15%	0.035%
4	4.630	116	124	136	rBV4	5276	13759	1.69%	0.397%
5	4.797	154	156	158	rBV3	1513	1221	0.15%	0.035%
6	5.012	193	197	199	rBV3	1531	2005	0.25%	0.058%
7	5.841	354	355	358	rVB2	909	718	0.09%	0.021%
8	6.014	384	388	400	rVB4	1889	5566	0.68%	0.160%
9	6.103	404	405	408	rBV3	664	624	0.08%	0.018%
10	6.250	431	433	436	rBV3	434	411	0.05%	0.012%
11	6.375	456	457	462	rBV3	761	1006	0.12%	0.029%
12	6.475	473	476	477	rVB2	649	448	0.06%	0.013%
13	6.517	481	484	487	rBV3	626	514	0.06%	0.015%
14	6.674	513	514	520	rVB2	802	1047	0.13%	0.030%
15	6.795	532	537	538	rBV4	524	502	0.06%	0.014%
16	6.853	546	548	551	rBV3	638	631	0.08%	0.018%
17	7.073	589	590	594	rBV3	384	455	0.06%	0.013%
18	7.146	603	604	611	rBV3	635	1063	0.13%	0.031%
19	7.220	616	618	624	rVV4	643	847	0.10%	0.024%
20	7.261	624	626	630	rVB4	443	464	0.06%	0.013%
21	7.314	635	636	643	rVB3	924	1114	0.14%	0.032%
22	7.393	643	651	653	rBV5	609	1365	0.17%	0.039%
23	7.550	670	681	706	rBV3	25114	97450	11.97%	2.809%
24	8.179	799	801	803	rVB3	1062	874	0.11%	0.025%
25	8.200	803	805	809	rBV4	811	1085	0.13%	0.031%
26	8.268	814	818	820	rVV3	434	567	0.07%	0.016%
27	8.331	828	830	833	rBV2	614	430	0.05%	0.012%
28	8.436	847	850	854	rVB3	415	466	0.06%	0.013%
29	8.467	854	856	861	rVB3	657	786	0.10%	0.023%
30	8.515	861	865	868	rBV3	747	1101	0.14%	0.032%
31	8.646	884	890	892	rVB4	481	838	0.10%	0.024%
32	8.766	912	913	916	rVB2	698	407	0.05%	0.012%
33	9.018	951	961	965	rBV3	705	1756	0.22%	0.051%
34	9.275	1009	1010	1014	rBV	598	465	0.06%	0.013%
35	9.437	1036	1041	1043	rBV3	495	532	0.07%	0.015%
36	9.589	1060	1070	1087	rBV	136373	310609	38.16%	8.952%
37	10.261	1187	1198	1220	rBV2	140185	304330	37.39%	8.771%
38	10.701	1269	1282	1304	rBV	301691	609641	74.90%	17.570%

39	11.236	1380	1384	1388	rBV2	203	410	0.05%	0.012%
40	12.394	1594	1605	1631	rBV	436795	813889	100.00%	23.456%
41	12.578	1635	1640	1642	rVV2	382	686	0.08%	0.020%
42	12.604	1642	1645	1647	rVV2	661	781	0.10%	0.023%
43	12.620	1647	1648	1656	rVB2	730	793	0.10%	0.023%
44	13.836	1878	1880	1885	rBV2	345	401	0.05%	0.012%
45	13.904	1885	1893	1900	rBV3	961	2007	0.25%	0.058%
46	14.041	1907	1919	1940	rBV	401850	717853	88.20%	20.688%
47	14.266	1957	1962	1964	rVB	417	514	0.06%	0.015%
48	14.287	1964	1966	1969	rBV2	409	428	0.05%	0.012%
49	14.486	1998	2004	2005	rBV3	302	461	0.06%	0.013%
50	14.570	2014	2020	2026	rBV2	356	804	0.10%	0.023%
51	15.063	2110	2114	2118	rBV2	367	386	0.05%	0.011%
52	15.320	2155	2163	2185	rBV	316903	535177	65.76%	15.424%
53	15.519	2196	2201	2204	rBV3	413	577	0.07%	0.017%
54	15.750	2238	2245	2247	rBV3	485	617	0.08%	0.018%
55	15.918	2274	2277	2279	rBV	440	441	0.05%	0.013%
56	16.196	2327	2330	2333	rBV	506	568	0.07%	0.016%
57	16.217	2333	2334	2341	rVV4	323	422	0.05%	0.012%
58	16.337	2352	2357	2358	rBV2	560	690	0.08%	0.020%
59	16.390	2364	2367	2368	rBV2	436	438	0.05%	0.013%
60	16.405	2368	2370	2372	rVV	740	479	0.06%	0.014%
61	16.437	2372	2376	2377	rVB2	506	475	0.06%	0.014%
62	16.453	2377	2379	2382	rBV3	580	630	0.08%	0.018%
63	16.479	2382	2384	2387	rBV3	650	545	0.07%	0.016%
64	16.563	2395	2400	2403	rVB	529	813	0.10%	0.023%
65	16.589	2403	2405	2408	rBV2	693	522	0.06%	0.015%
66	16.615	2408	2410	2414	rVB3	524	543	0.07%	0.016%
67	16.704	2423	2427	2430	rVB4	597	882	0.11%	0.025%
68	16.736	2430	2433	2436	rBV3	589	587	0.07%	0.017%
69	16.778	2436	2441	2443	rBV3	639	628	0.08%	0.018%
70	16.804	2445	2446	2449	rBV3	635	513	0.06%	0.015%
71	16.830	2449	2451	2452	rBV	872	437	0.05%	0.013%
72	16.951	2471	2474	2477	rVB3	669	756	0.09%	0.022%
73	16.972	2477	2478	2480	rBV2	817	475	0.06%	0.014%
74	16.993	2480	2482	2485	rBV3	587	552	0.07%	0.016%
75	17.024	2485	2488	2489	rBV3	579	557	0.07%	0.016%
76	17.129	2506	2508	2511	rBV2	765	671	0.08%	0.019%
77	17.244	2528	2530	2532	rBV2	720	397	0.05%	0.011%
78	17.506	2578	2580	2582	rBV2	773	778	0.10%	0.022%
79	17.564	2587	2591	2592	rBV4	895	955	0.12%	0.028%
80	17.816	2633	2639	2641	rBV5	643	1068	0.13%	0.031%
81	17.879	2650	2651	2654	rBV3	1408	1043	0.13%	0.030%
82	17.905	2654	2656	2658	rBV2	1056	935	0.11%	0.027%

Sum of corrected areas: 3469819

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13359.D
Operator : PINGM
Acquired : 7 May 2006 3:06 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-42
Misc Info : MS32133,V3C579,W,,,,1
Vial Number: 31
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 3:06 am
Data File: C:\MSDCHEM\1\DATA\3C13359.D
Name: J29228-42
Misc: MS32133,V3C579,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13360.D Vial: 32
Acq On : 7 May 2006 3:35 am Operator: PINGM
Sample : J29228-43 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 03:59:31 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	44757	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	39273	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	237485	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	214820	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	123944	33.81	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 112.70%			
52) TOLUENE-d8 (SUR)	12.39	98	294506	30.05	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 100.17%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	111919	27.61	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.03%			

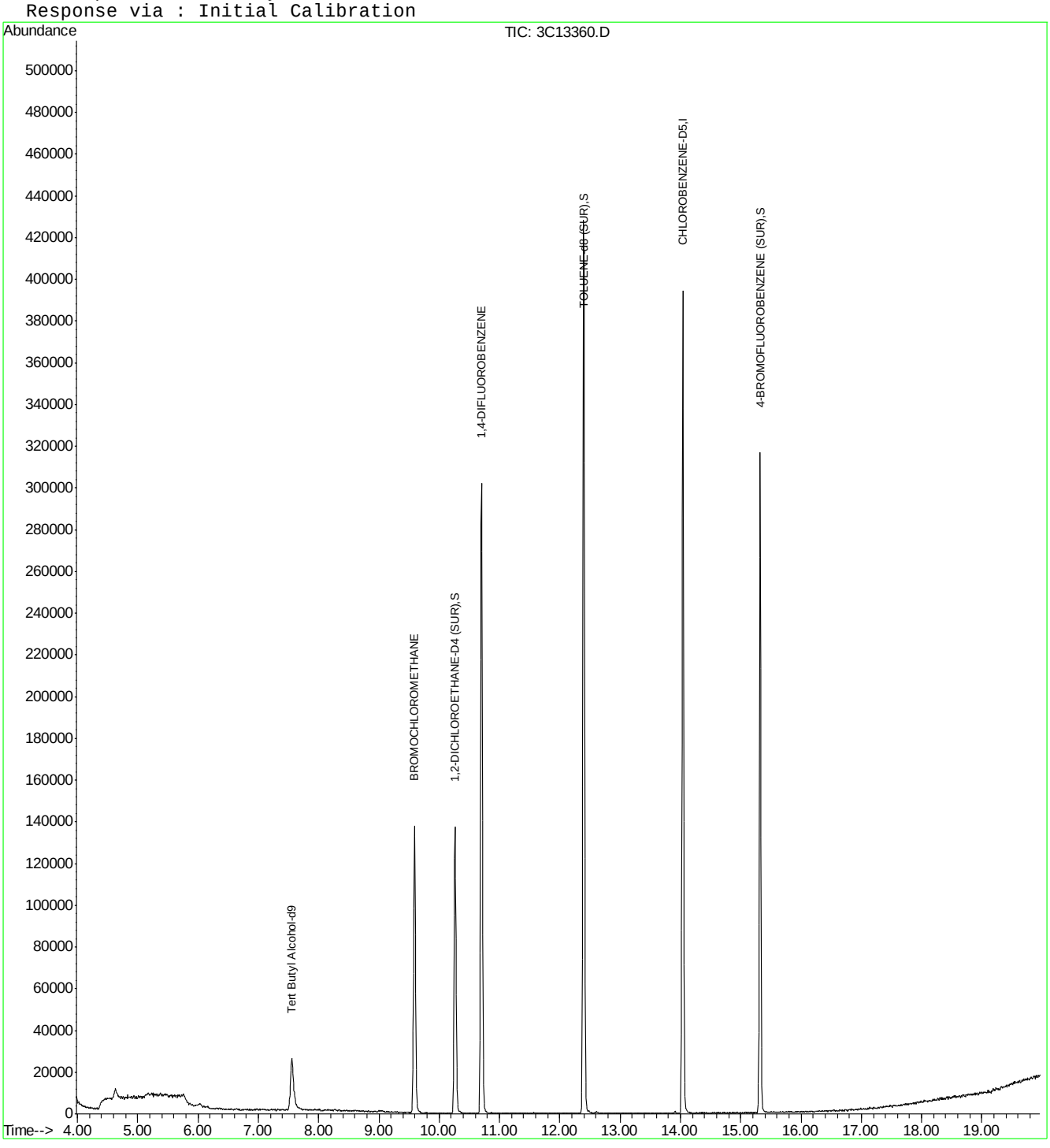
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13360.D Vial: 32
Acq On : 7 May 2006 3:35 am Operator: PINGM
Sample : J29228-43 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:09 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13360.D Vial: 32
Acq On : 7 May 2006 3:35 am Operator: PINGM
Sample : J29228-43 Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.215	43	45	47	rBV2	694	504	0.06%	0.015%
2	4.325	62	66	68	rVB3	825	966	0.12%	0.028%
3	4.404	71	81	84	rBV6	4238	11636	1.46%	0.340%
4	4.635	118	125	136	rVB5	4229	10903	1.37%	0.318%
5	4.761	147	149	153	rVB5	1522	1715	0.22%	0.050%
6	4.934	180	182	186	rVB5	1459	1403	0.18%	0.041%
7	5.012	195	197	198	rBV2	1844	1358	0.17%	0.040%
8	5.154	216	224	225	rBV8	2381	4833	0.61%	0.141%
9	5.662	320	321	324	rBV3	1587	1642	0.21%	0.048%
10	6.087	401	402	405	rBV3	666	525	0.07%	0.015%
11	6.423	464	466	470	rVB3	628	632	0.08%	0.018%
12	6.465	471	474	478	rVB3	654	650	0.08%	0.019%
13	6.507	478	482	484	rBV2	536	632	0.08%	0.018%
14	6.742	525	527	532	rBV3	807	1194	0.15%	0.035%
15	6.821	541	542	546	rBV4	1001	794	0.10%	0.023%
16	6.947	564	566	569	rBV3	705	456	0.06%	0.013%
17	6.978	570	572	576	rVV4	756	671	0.08%	0.020%
18	7.026	578	581	583	rVB2	707	452	0.06%	0.013%
19	7.220	612	618	622	rBV3	984	1616	0.20%	0.047%
20	7.251	622	624	628	rBV2	522	711	0.09%	0.021%
21	7.319	633	637	639	rBV4	1203	1344	0.17%	0.039%
22	7.372	644	647	648	rBV2	455	393	0.05%	0.011%
23	7.466	661	665	667	rBV2	559	750	0.09%	0.022%
24	7.555	669	682	717	rVV3	25089	99607	12.52%	2.907%
25	7.760	717	721	723	rBV4	409	472	0.06%	0.014%
26	7.833	732	735	740	rBV4	719	969	0.12%	0.028%
27	7.885	741	745	748	rVB3	671	720	0.09%	0.021%
28	7.933	753	754	756	rBV	842	453	0.06%	0.013%
29	8.006	766	768	775	rVB3	1033	1450	0.18%	0.042%
30	8.064	775	779	780	rBV2	488	489	0.06%	0.014%
31	8.163	797	798	802	rVB2	481	452	0.06%	0.013%
32	8.232	808	811	813	rVB3	544	467	0.06%	0.014%
33	8.263	813	817	823	rBV4	831	1469	0.18%	0.043%
34	8.342	828	832	835	rVB2	450	535	0.07%	0.016%
35	8.405	840	844	845	rBV	537	498	0.06%	0.015%
36	8.478	852	858	860	rVB4	522	624	0.08%	0.018%
37	8.572	870	876	879	rBV3	334	580	0.07%	0.017%
38	8.740	905	908	910	rVB2	605	542	0.07%	0.016%

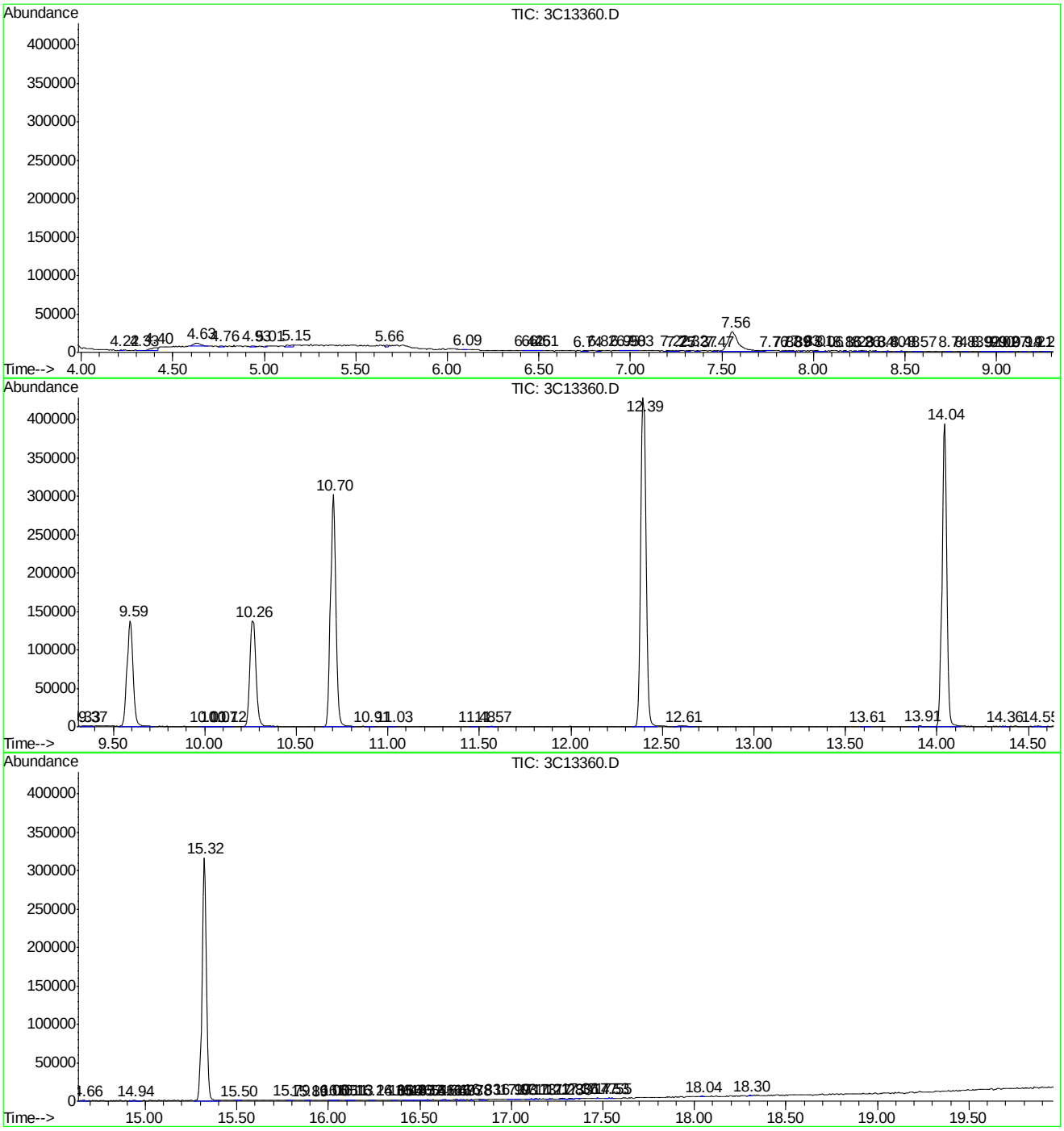
39	8.829	922	925	928	rBV3	487	535	0.07%	0.016%
40	8.918	940	942	950	rVB3	583	1032	0.13%	0.030%
41	8.997	950	957	960	rBV4	845	1491	0.19%	0.044%
42	9.023	960	962	967	rVV	729	1335	0.17%	0.039%
43	9.070	970	971	975	rVB2	576	552	0.07%	0.016%
44	9.144	984	985	988	rVB2	619	449	0.06%	0.013%
45	9.207	995	997	1000	rVB2	598	397	0.05%	0.012%
46	9.264	1005	1008	1012	rVB	484	506	0.06%	0.015%
47	9.327	1019	1020	1025	rBV3	416	404	0.05%	0.012%
48	9.369	1025	1028	1033	rVB3	433	545	0.07%	0.016%
49	9.589	1059	1070	1094	rVB	137370	308541	38.78%	9.005%
50	10.009	1145	1150	1155	rVB2	313	484	0.06%	0.014%
51	10.067	1155	1161	1166	rBV2	297	536	0.07%	0.016%
52	10.119	1168	1171	1177	rBV	313	682	0.09%	0.020%
53	10.261	1188	1198	1221	rVB	137152	299823	37.69%	8.750%
54	10.701	1271	1282	1303	rBV	301957	597436	75.10%	17.436%
55	10.905	1315	1321	1325	rBV2	339	613	0.08%	0.018%
56	11.026	1339	1344	1346	rBV2	277	444	0.06%	0.013%
57	11.477	1425	1430	1432	rVB2	270	405	0.05%	0.012%
58	11.566	1442	1447	1452	rBV	453	722	0.09%	0.021%
59	12.395	1594	1605	1620	rBV	428176	795541	100.00%	23.217%
60	12.609	1637	1646	1658	rVB2	875	2687	0.34%	0.078%
61	13.611	1832	1837	1842	rVB2	315	539	0.07%	0.016%
62	13.910	1884	1894	1900	rBV3	978	1905	0.24%	0.056%
63	14.041	1903	1919	1936	rBV	394351	703991	88.49%	20.546%
64	14.361	1979	1980	1985	rBV2	454	550	0.07%	0.016%
65	14.555	2010	2017	2026	rVB2	409	1300	0.16%	0.038%
66	14.659	2033	2037	2043	rBV3	310	736	0.09%	0.021%
67	14.937	2085	2090	2097	rBV2	409	662	0.08%	0.019%
68	15.320	2153	2163	2180	rBV	316517	522981	65.74%	15.263%
69	15.504	2195	2198	2202	rVB3	425	434	0.05%	0.013%
70	15.787	2249	2252	2255	rVB3	571	485	0.06%	0.014%
71	15.886	2268	2271	2274	rBV2	323	430	0.05%	0.013%
72	16.002	2292	2293	2298	rVB2	511	568	0.07%	0.017%
73	16.049	2298	2302	2304	rBV2	534	627	0.08%	0.018%
74	16.107	2310	2313	2315	rBV2	347	392	0.05%	0.011%
75	16.133	2315	2318	2321	rVV4	498	570	0.07%	0.017%
76	16.238	2335	2338	2340	rBV4	533	531	0.07%	0.015%
77	16.353	2358	2360	2364	rBV3	468	460	0.06%	0.013%
78	16.421	2370	2373	2377	rVB2	782	956	0.12%	0.028%
79	16.458	2377	2380	2381	rBV	591	485	0.06%	0.014%
80	16.468	2381	2382	2386	rBV2	575	662	0.08%	0.019%
81	16.516	2388	2391	2393	rVB	567	625	0.08%	0.018%
82	16.542	2393	2396	2400	rBV3	804	809	0.10%	0.024%
83	16.641	2409	2415	2419	rBV3	505	745	0.09%	0.022%
84	16.694	2424	2425	2429	rVB4	785	937	0.12%	0.027%
85	16.730	2429	2432	2436	rBV2	1023	1507	0.19%	0.044%
86	16.783	2439	2442	2443	rBV2	663	452	0.06%	0.013%
87	16.830	2450	2451	2456	rVB3	606	507	0.06%	0.015%
88	16.993	2479	2482	2485	rBV4	666	551	0.07%	0.016%
89	17.029	2486	2489	2493	rBV3	469	673	0.08%	0.020%
90	17.108	2498	2504	2507	rBV6	973	1090	0.14%	0.032%
91	17.134	2507	2509	2512	rBV4	970	1125	0.14%	0.033%
92	17.208	2519	2523	2525	rBV5	1070	1412	0.18%	0.041%
93	17.281	2533	2537	2541	rBV5	653	922	0.12%	0.027%
94	17.328	2541	2546	2549	rBV4	651	942	0.12%	0.027%
95	17.365	2550	2553	2556	rVB3	736	498	0.06%	0.015%

96	17.470	2571	2573	2574	rBV2	697	407	0.05%	0.012%
97	17.533	2581	2585	2587	rBV4	1142	1429	0.18%	0.042%
98	17.548	2587	2588	2590	rBV2	725	454	0.06%	0.013%
99	18.041	2680	2682	2684	rBV2	1140	929	0.12%	0.027%
100	18.303	2730	2732	2734	rVB2	1545	947	0.12%	0.028%

Sum of corrected areas: 3426492

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13360.D
Operator : PINGM
Acquired : 7 May 2006 3:35 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: J29228-43
Misc Info : MS32133,V3C579,W,,,,1
Vial Number: 32
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 3:35 am
Data File: C:\MSDCHEM\1\DATA\3C13360.D
Name: J29228-43
Misc: MS32133,V3C579,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13305.D Vial: 14
Acq On : 5 May 2006 3:33 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 05 15:56:58 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	71301	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	53639	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	344342	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	311625	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	149925	29.94	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 99.80%			
52) TOLUENE-d8 (SUR)	12.39	98	417797	29.40	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 98.00%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	168573	28.67	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 95.57%			

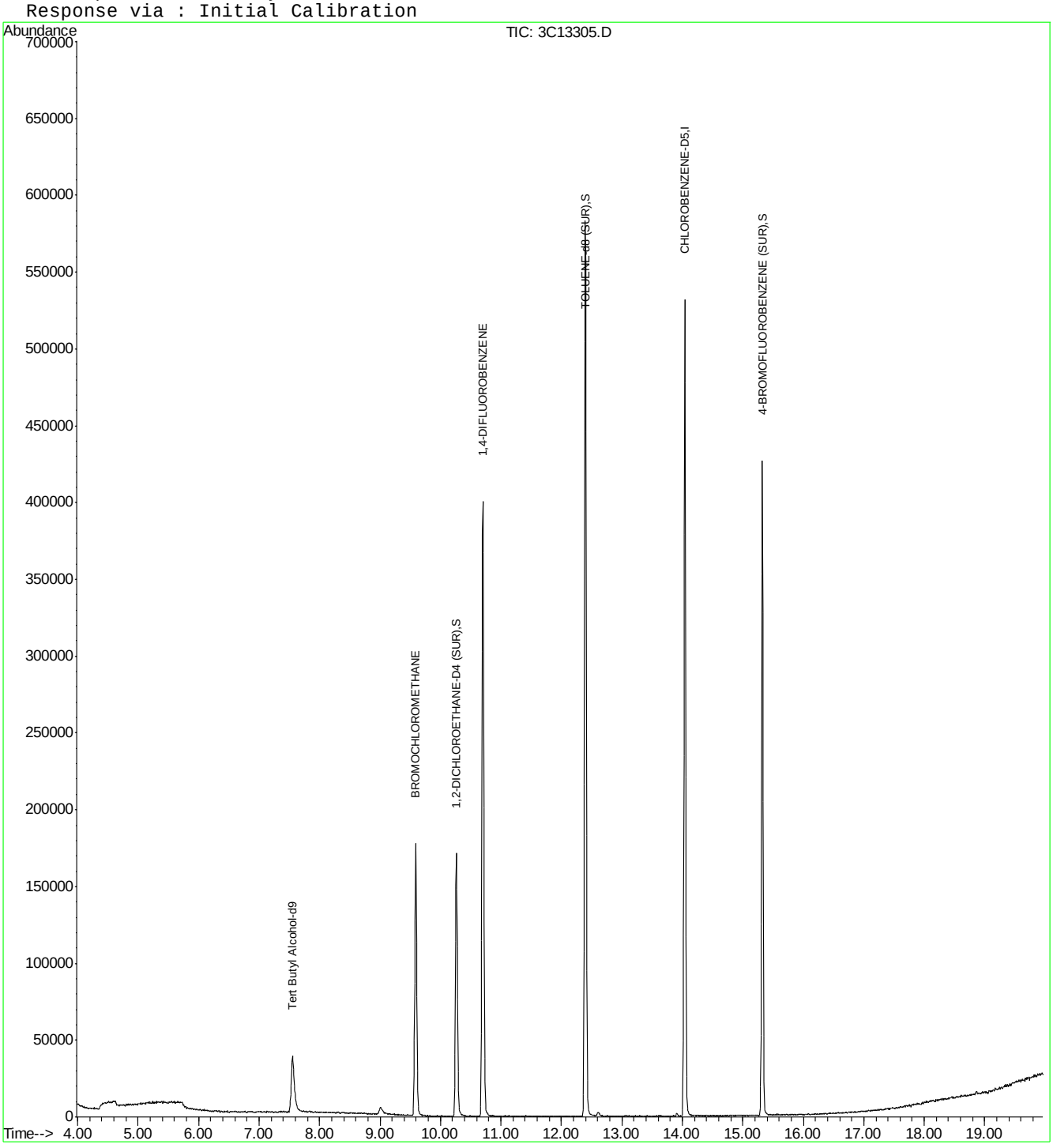
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13305.D Vial: 14
Acq On : 5 May 2006 3:33 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:22 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



3C13305.D M3C576.M Mon May 08 16:42:07 2006 MS3C Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13305.D Vial: 14
Acq On : 5 May 2006 3:33 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C577,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

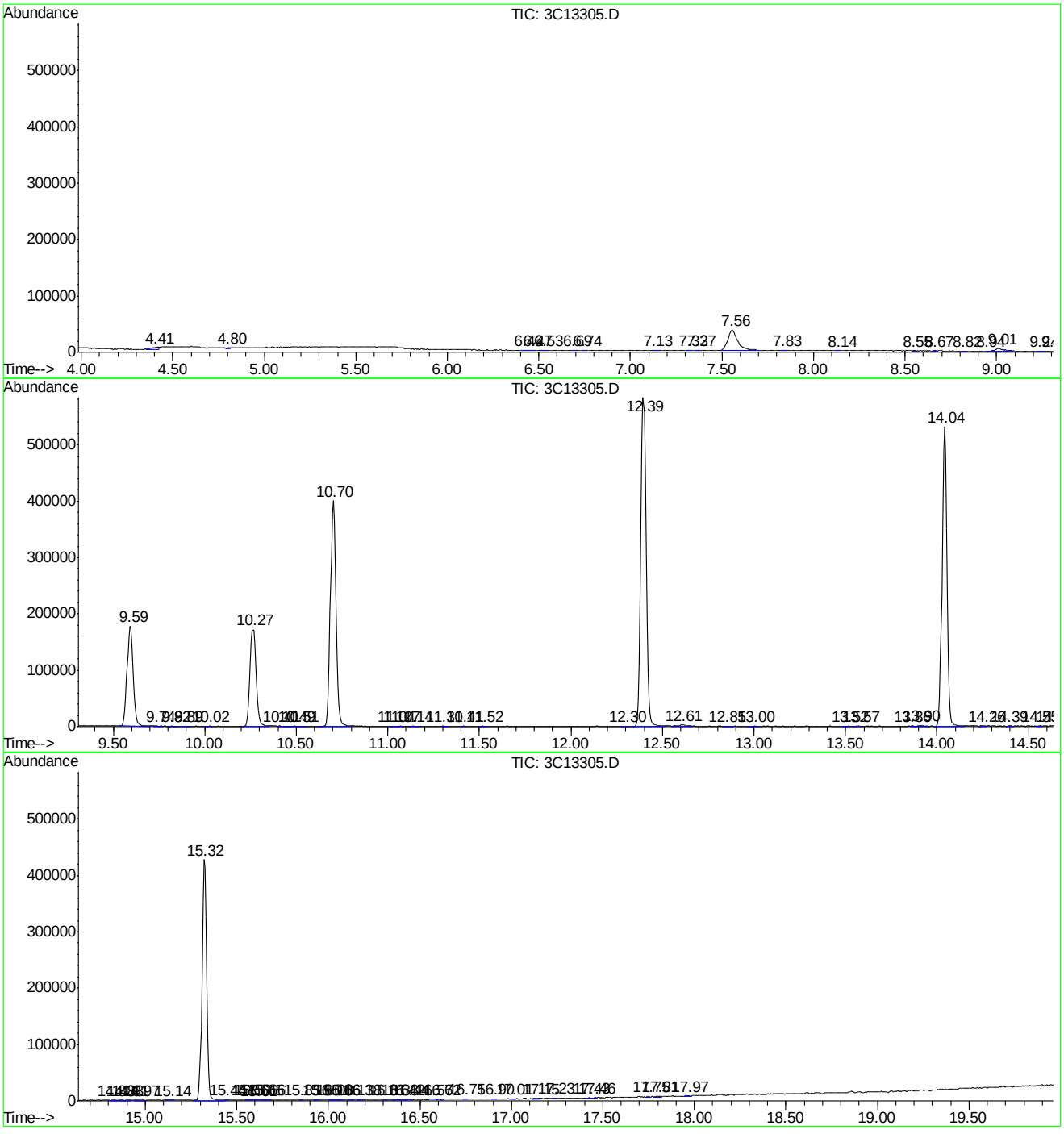
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.409	72	82	85	rBV6	3784	9934	0.89%	0.213%
2	4.803	155	157	159	rBV2	1656	1174	0.11%	0.025%
3	6.423	463	466	467	rVB3	613	513	0.05%	0.011%
4	6.470	468	475	477	rVB5	804	1335	0.12%	0.029%
5	6.533	482	487	489	rBV4	541	812	0.07%	0.017%
6	6.690	515	517	519	rBV3	532	455	0.04%	0.010%
7	6.743	526	527	530	rBV3	579	612	0.05%	0.013%
8	7.130	600	601	607	rBV5	615	666	0.06%	0.014%
9	7.319	635	637	640	rBV4	492	554	0.05%	0.012%
10	7.366	644	646	649	rBV4	721	594	0.05%	0.013%
11	7.555	670	682	710	rBV2	36987	138934	12.48%	2.974%
12	7.833	733	735	739	rVB4	738	634	0.06%	0.014%
13	8.137	790	793	794	rVB2	492	398	0.04%	0.009%
14	8.546	870	871	874	rBV2	546	490	0.04%	0.010%
15	8.667	890	894	896	rBV3	946	808	0.07%	0.017%
16	8.819	921	923	925	rBV2	571	485	0.04%	0.010%
17	8.945	946	947	949	rBV	725	492	0.04%	0.011%
18	9.013	950	960	974	rVV3	4618	16423	1.48%	0.351%
19	9.238	1000	1003	1008	rVB4	718	600	0.05%	0.013%
20	9.301	1011	1015	1022	rVB3	452	751	0.07%	0.016%
21	9.589	1060	1070	1091	rVV	177438	401666	36.08%	8.597%
22	9.736	1095	1098	1104	rVB3	337	500	0.04%	0.011%
23	9.820	1111	1114	1120	rVB3	458	629	0.06%	0.013%
24	9.888	1124	1127	1133	rBV3	303	571	0.05%	0.012%
25	10.025	1148	1153	1155	rBV2	538	501	0.05%	0.011%
26	10.266	1187	1199	1215	rBV	171164	378050	33.96%	8.091%
27	10.407	1225	1226	1233	rVB3	574	702	0.06%	0.015%
28	10.491	1233	1242	1244	rBV2	516	825	0.07%	0.018%
29	10.512	1244	1246	1254	rVB2	243	439	0.04%	0.009%
30	10.701	1266	1282	1301	rBV	400311	829843	74.55%	17.761%
31	11.037	1342	1346	1349	rVB3	338	450	0.04%	0.010%
32	11.068	1349	1352	1355	rBV2	456	402	0.04%	0.009%
33	11.136	1361	1365	1371	rBV2	460	667	0.06%	0.014%
34	11.299	1395	1396	1401	rVB2	461	459	0.04%	0.010%
35	11.414	1415	1418	1420	rBV2	483	384	0.03%	0.008%
36	11.519	1434	1438	1442	rVB	360	389	0.03%	0.008%
37	12.300	1582	1587	1590	rBV2	362	521	0.05%	0.011%
38	12.395	1594	1605	1628	rBV	583217	1113206	100.00%	23.825%

39	12.609	1636	1646	1656	rBV3	2395	6412	0.58%	0.137%
40	12.845	1688	1691	1699	rVB3	266	515	0.05%	0.011%
41	13.003	1713	1721	1725	rBV3	372	737	0.07%	0.016%
42	13.517	1813	1819	1820	rVB2	400	500	0.04%	0.011%
43	13.574	1824	1830	1831	rBV	439	568	0.05%	0.012%
44	13.857	1883	1884	1889	rBV3	453	518	0.05%	0.011%
45	13.905	1889	1893	1902	rVV3	1724	3016	0.27%	0.065%
46	14.041	1909	1919	1940	rBV	531745	978306	87.88%	20.938%
47	14.261	1955	1961	1963	rBV3	470	858	0.08%	0.018%
48	14.387	1983	1985	1991	rBV3	276	441	0.04%	0.009%
49	14.555	2014	2017	2021	rBV	469	544	0.05%	0.012%
50	14.633	2028	2032	2036	rBV3	354	414	0.04%	0.009%
51	14.833	2065	2070	2073	rBV3	382	575	0.05%	0.012%
52	14.880	2075	2079	2080	rVB3	389	383	0.03%	0.008%
53	14.911	2080	2085	2087	rBV3	396	595	0.05%	0.013%
54	14.969	2091	2096	2102	rVB3	396	640	0.06%	0.014%
55	15.142	2123	2129	2131	rBV2	363	537	0.05%	0.011%
56	15.320	2152	2163	2185	rBV	426665	746803	67.09%	15.983%
57	15.441	2185	2186	2189	rBV3	645	506	0.05%	0.011%
58	15.561	2206	2209	2211	rBV2	826	396	0.04%	0.008%
59	15.577	2211	2212	2216	rVB3	522	529	0.05%	0.011%
60	15.608	2216	2218	2221	rBV3	412	463	0.04%	0.010%
61	15.645	2222	2225	2226	rVB2	615	466	0.04%	0.010%
62	15.656	2226	2227	2233	rBV3	632	964	0.09%	0.021%
63	15.850	2262	2264	2266	rBV	592	422	0.04%	0.009%
64	15.949	2277	2283	2284	rBV3	342	453	0.04%	0.010%
65	16.012	2292	2295	2297	rVB2	753	590	0.05%	0.013%
66	16.028	2297	2298	2304	rBV3	748	1217	0.11%	0.026%
67	16.065	2304	2305	2308	rVV2	464	407	0.04%	0.009%
68	16.133	2314	2318	2319	rBV3	564	698	0.06%	0.015%
69	16.180	2323	2327	2330	rVV2	439	509	0.05%	0.011%
70	16.311	2350	2352	2354	rBV2	540	486	0.04%	0.010%
71	16.379	2359	2365	2367	rBV4	717	1076	0.10%	0.023%
72	16.416	2367	2372	2374	rBV4	463	632	0.06%	0.014%
73	16.442	2374	2377	2379	rVV3	912	746	0.07%	0.016%
74	16.568	2400	2401	2407	rBV3	681	605	0.05%	0.013%
75	16.615	2409	2410	2413	rBV	575	598	0.05%	0.013%
76	16.746	2433	2435	2437	rBV3	618	464	0.04%	0.010%
77	16.904	2463	2465	2468	rBV4	522	576	0.05%	0.012%
78	17.008	2483	2485	2487	rBV2	781	657	0.06%	0.014%
79	17.150	2505	2512	2513	rBV5	741	1313	0.12%	0.028%
80	17.234	2526	2528	2530	rBV3	859	745	0.07%	0.016%
81	17.428	2562	2565	2566	rBV2	1046	772	0.07%	0.017%
82	17.459	2567	2571	2572	rVV3	618	735	0.07%	0.016%
83	17.753	2624	2627	2628	rBV3	1463	1299	0.12%	0.028%
84	17.805	2632	2637	2640	rBV6	1438	3161	0.28%	0.068%
85	17.968	2664	2668	2670	rBV3	1384	1666	0.15%	0.036%

Sum of corrected areas: 4672381

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13305.D
Operator : PINGM
Acquired : 5 May 2006 3:33 pm using AcqMethod M3C576
Instrument : MS3C
Sample Name: MB
Misc Info : MS32133,V3C577,W,,,,1
Vial Number: 14
Quant File :M3C576.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 5 May 2006 3:33 pm
Data File: C:\MSDCHEM\1\DATA\3C13305.D
Name: MB
Misc: MS32133,V3C577,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13332.D Vial: 4
Acq On : 6 May 2006 2:06 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 06 14:30:18 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.56	65	68038	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	59693	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	380317	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	347426	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.27	65	156222	28.04	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 93.47%			
52) TOLUENE-d8 (SUR)	12.39	98	458519	29.22	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 97.40%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	181590	27.70	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 92.33%			

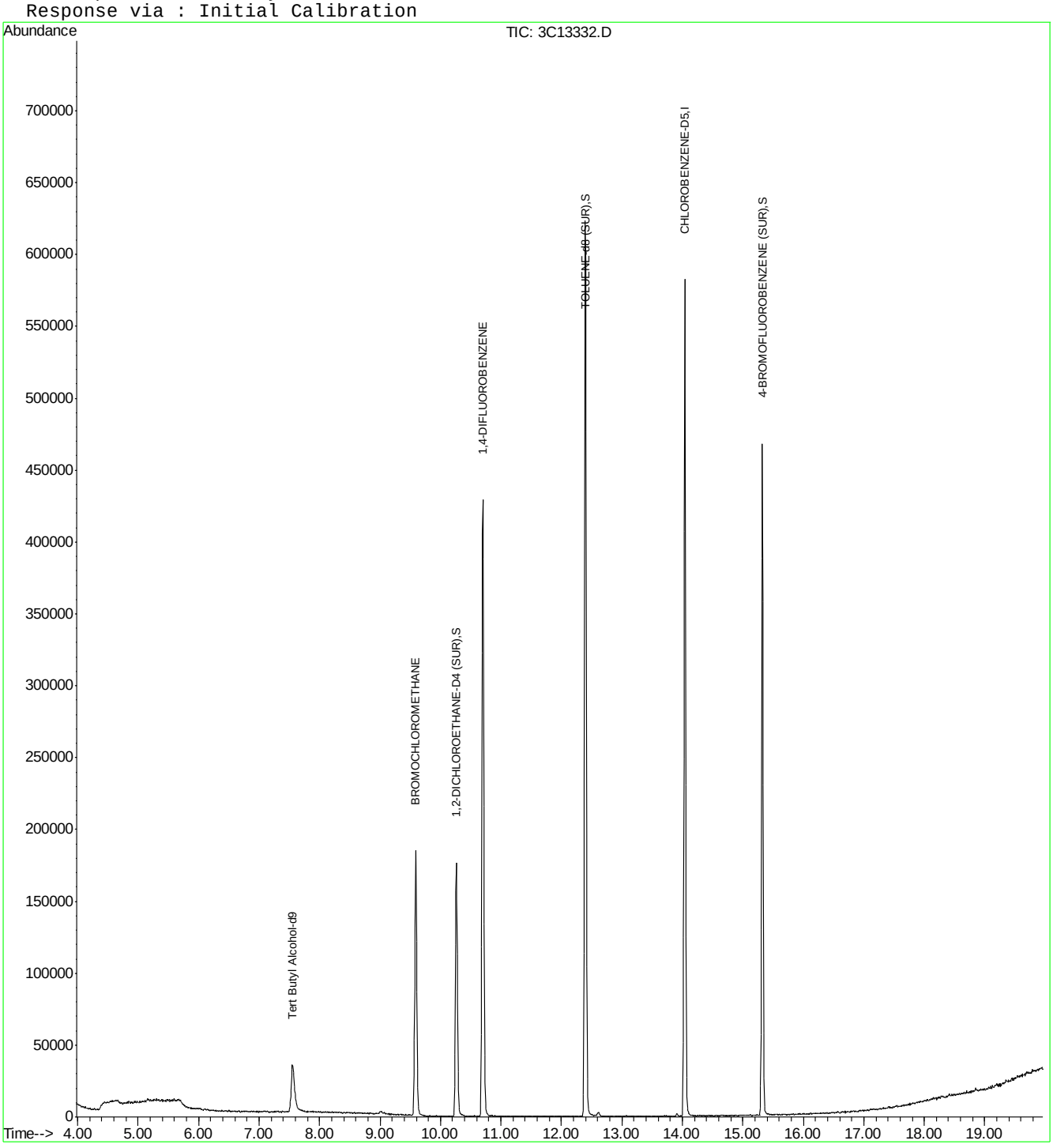
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13332.D Vial: 4
Acq On : 6 May 2006 2:06 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 9:57 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



ACCUTEST Laboratories J29228

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13332.D Vial: 4
Acq On : 6 May 2006 2:06 pm Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C578,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.189	37	40	46	rVB7	1191	1790	0.15%	0.036%
2	4.420	72	84	86	rBV7	4660	13184	1.10%	0.264%
3	6.097	401	404	411	rVB6	1137	1661	0.14%	0.033%
4	6.386	458	459	463	rVB4	857	634	0.05%	0.013%
5	6.711	519	521	524	rBV4	729	770	0.06%	0.015%
6	6.873	550	552	558	rVB4	799	721	0.06%	0.014%
7	6.973	570	571	573	rVB	971	440	0.04%	0.009%
8	6.999	575	576	578	rBV2	716	531	0.04%	0.011%
9	7.267	625	627	629	rVB3	909	622	0.05%	0.012%
10	7.298	630	633	636	rVV5	524	646	0.05%	0.013%
11	7.387	647	650	652	rBV2	980	990	0.08%	0.020%
12	7.550	669	681	711	rBV2	32938	136142	11.40%	2.725%
13	7.801	726	729	730	rVB2	1182	839	0.07%	0.017%
14	8.200	804	805	809	rVB4	708	651	0.05%	0.013%
15	8.362	834	836	838	rVB	729	643	0.05%	0.013%
16	8.452	849	853	854	rBV2	706	830	0.07%	0.017%
17	8.577	875	877	882	rVB4	579	703	0.06%	0.014%
18	8.630	883	887	889	rVV4	677	617	0.05%	0.012%
19	8.798	918	919	924	rVB2	708	597	0.05%	0.012%
20	8.829	924	925	929	rBV2	728	695	0.06%	0.014%
21	8.897	936	938	940	rBV2	766	533	0.04%	0.011%
22	9.018	951	961	967	rBV5	1795	4791	0.40%	0.096%
23	9.070	967	971	974	rVB4	878	1227	0.10%	0.025%
24	9.165	988	989	992	rVB2	914	630	0.05%	0.013%
25	9.186	992	993	998	rBV3	767	978	0.08%	0.020%
26	9.296	1010	1014	1018	rVB4	768	1147	0.10%	0.023%
27	9.338	1018	1022	1025	rBV3	555	886	0.07%	0.018%
28	9.422	1036	1038	1042	rVB3	395	422	0.04%	0.008%
29	9.469	1044	1047	1050	rVV3	737	637	0.05%	0.013%
30	9.495	1050	1052	1056	rVB2	553	545	0.05%	0.011%
31	9.589	1056	1070	1091	rVV	184833	428482	35.89%	8.578%
32	9.705	1091	1092	1097	rVB3	540	628	0.05%	0.013%
33	9.962	1139	1141	1146	rVB2	371	488	0.04%	0.010%
34	10.072	1161	1162	1169	rBV3	446	699	0.06%	0.014%
35	10.260	1186	1198	1216	rBV	176735	396614	33.22%	7.940%
36	10.412	1226	1227	1233	rVB2	439	586	0.05%	0.012%
37	10.701	1271	1282	1305	rBV	428715	883806	74.03%	17.693%
38	10.837	1305	1308	1317	rVB4	544	969	0.08%	0.019%

39	11.042	1341	1347	1349	rBV2	421	540	0.05%	0.011%
40	11.183	1372	1374	1378	rBV	344	466	0.04%	0.009%
41	11.257	1384	1388	1393	rVB2	411	631	0.05%	0.013%
42	11.372	1408	1410	1414	rBV2	302	437	0.04%	0.009%
43	12.394	1591	1605	1626	rBV	623391	1193819	100.00%	23.899%
44	12.536	1631	1632	1636	rVV3	699	866	0.07%	0.017%
45	12.615	1640	1647	1657	rVB3	2648	6441	0.54%	0.129%
46	12.940	1704	1709	1714	rVB3	300	510	0.04%	0.010%
47	13.024	1719	1725	1728	rBV	425	598	0.05%	0.012%
48	13.071	1728	1734	1736	rBV2	481	697	0.06%	0.014%
49	13.149	1746	1749	1753	rBV2	405	603	0.05%	0.012%
50	13.317	1777	1781	1790	rVB3	486	1079	0.09%	0.022%
51	13.391	1790	1795	1797	rBV2	439	549	0.05%	0.011%
52	13.543	1818	1824	1827	rVB3	409	658	0.06%	0.013%
53	13.600	1831	1835	1837	rBV3	332	480	0.04%	0.010%
54	13.653	1841	1845	1849	rBV2	419	605	0.05%	0.012%
55	13.737	1859	1861	1865	rVB2	480	461	0.04%	0.009%
56	13.857	1880	1884	1886	rBV2	480	679	0.06%	0.014%
57	13.910	1888	1894	1905	rVB5	1699	3649	0.31%	0.073%
58	14.041	1909	1919	1941	rBV	581975	1047827	87.77%	20.977%
59	14.198	1946	1949	1951	rVB3	872	599	0.05%	0.012%
60	14.256	1955	1960	1963	rVB3	293	488	0.04%	0.010%
61	14.282	1963	1965	1969	rBV2	426	597	0.05%	0.012%
62	14.439	1991	1995	2000	rVB3	422	779	0.07%	0.016%
63	14.486	2000	2004	2006	rBV3	436	501	0.04%	0.010%
64	14.565	2015	2019	2022	rBV3	452	676	0.06%	0.014%
65	14.623	2029	2030	2036	rBV4	406	569	0.05%	0.011%
66	14.811	2064	2066	2071	rVB2	302	433	0.04%	0.009%
67	14.948	2087	2092	2094	rBV2	495	548	0.05%	0.011%
68	15.126	2124	2126	2130	rVB	692	530	0.04%	0.011%
69	15.194	2135	2139	2144	rVB3	447	612	0.05%	0.012%
70	15.231	2144	2146	2149	rBV2	621	445	0.04%	0.009%
71	15.320	2153	2163	2182	rBV	467543	816439	68.39%	16.344%
72	15.467	2187	2191	2192	rVB2	672	663	0.06%	0.013%
73	15.514	2198	2200	2203	rVB3	638	712	0.06%	0.014%
74	15.551	2203	2207	2209	rBV2	571	794	0.07%	0.016%
75	15.687	2229	2233	2236	rBV2	480	577	0.05%	0.012%
76	15.755	2242	2246	2248	rVB2	553	546	0.05%	0.011%
77	15.781	2249	2251	2255	rBV4	579	661	0.06%	0.013%
78	15.928	2278	2279	2282	rVV3	593	514	0.04%	0.010%
79	15.986	2286	2290	2291	rVB2	491	465	0.04%	0.009%
80	16.002	2291	2293	2298	rBV3	638	948	0.08%	0.019%
81	16.044	2300	2301	2304	rBV2	668	499	0.04%	0.010%
82	16.091	2308	2310	2312	rVB2	879	587	0.05%	0.012%
83	16.122	2314	2316	2318	rVB2	1062	616	0.05%	0.012%
84	16.175	2323	2326	2329	rVV4	463	587	0.05%	0.012%
85	16.217	2331	2334	2337	rVB3	476	593	0.05%	0.012%
86	16.290	2345	2348	2352	rBV3	563	640	0.05%	0.013%
87	16.321	2352	2354	2358	rVB3	788	690	0.06%	0.014%
88	16.363	2358	2362	2364	rBV3	761	848	0.07%	0.017%
89	16.384	2364	2366	2370	rBV4	770	955	0.08%	0.019%
90	16.442	2376	2377	2379	rBV2	950	588	0.05%	0.012%
91	16.458	2379	2380	2384	rVV3	520	604	0.05%	0.012%
92	16.573	2399	2402	2408	rVB6	1144	1581	0.13%	0.032%
93	16.625	2410	2412	2413	rBV	808	555	0.05%	0.011%
94	16.730	2429	2432	2434	rBV2	746	926	0.08%	0.019%
95	16.783	2441	2442	2444	rBV2	960	677	0.06%	0.014%

3C13332.D M3C576.M Mon May 08 15:22:30 2006 MS3C Page 2

96	16.819	2447	2449	2454	rVB5	998	1223	0.10%	0.024%
97	16.872	2454	2459	2464	rBV7	722	1515	0.13%	0.030%
98	16.940	2471	2472	2474	rBV2	863	418	0.04%	0.008%
99	17.045	2491	2492	2498	rVB5	1135	1293	0.11%	0.026%
100	17.097	2498	2502	2503	rBV4	1498	1353	0.11%	0.027%

Sum of corrected areas: 4995213

LSC Report - Integrated Chromatogram

```
File        : C:\MSDCHEM\1\DATA\3C13332.D
Operator    : PINGM
Acquired    :  6 May 2006   2:06 pm using AcqMethod M3C576
Instrument  :   MS3C
Sample Name: MB
Misc Info   : MS32133,V3C578,W,,,,1
Vial Number: 4
Quant File :M3C576.RES (RTE Integrator)
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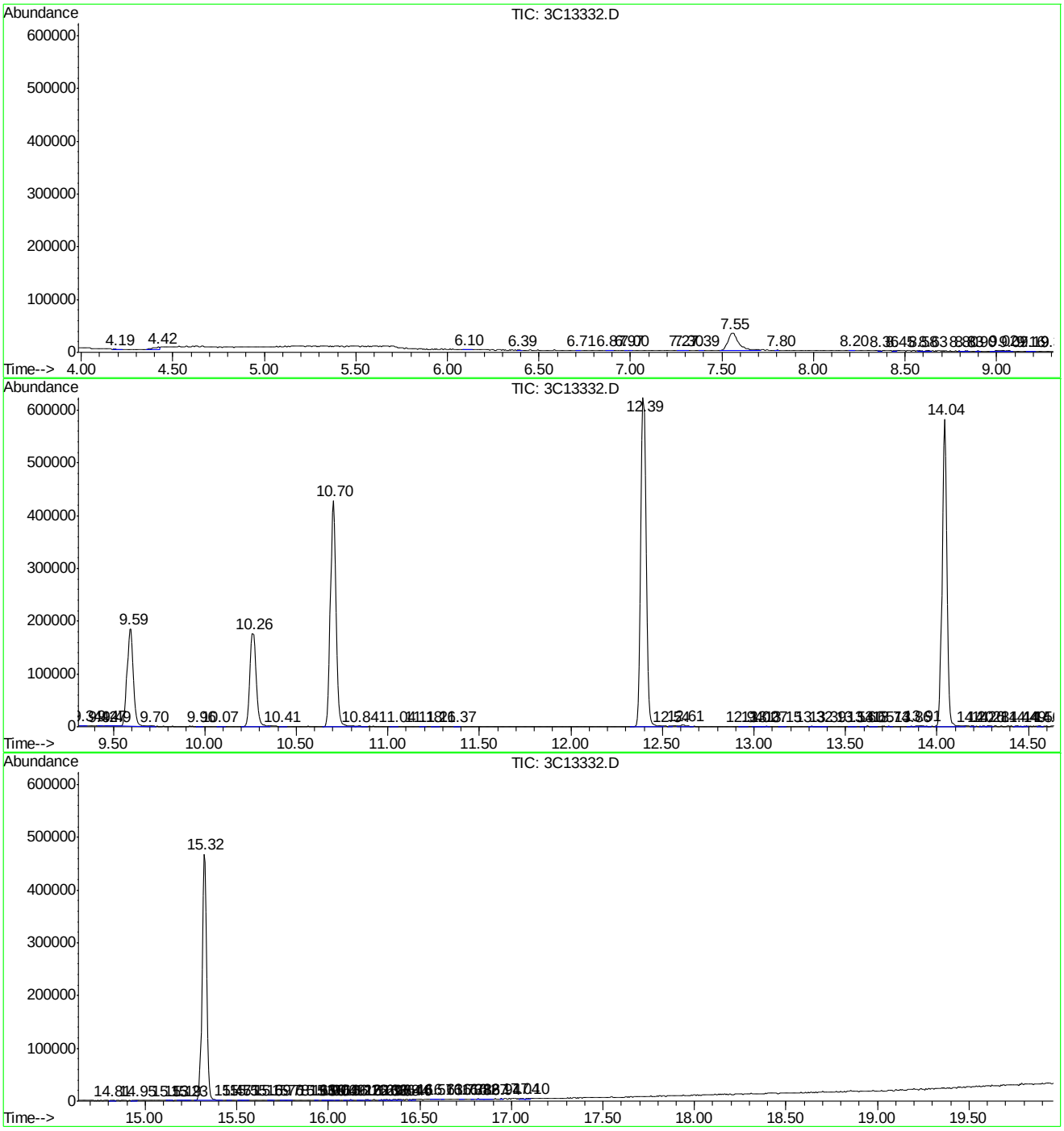


ACCUTEST Laboratories J29228

Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 6 May 2006 2:06 pm
Data File: C:\MSDCHEM\1\DATA\3C13332.D
Name: MB
Misc: MS32133,V3C578,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13356.D Vial: 28
Acq On : 7 May 2006 1:40 am Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 07 02:03:41 2006 Quant Results File: M3C576.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration
DataAcq Meth : M3C576

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	7.55	65	42113	300.00	PPb	0.00
4) BROMOCHLOROMETHANE	9.59	128	38597	30.00	PPb	0.00
36) 1,4-DIFLUOROBENZENE	10.70	114	233753	30.00	PPb	0.00
53) CHLOROBENZENE-D5	14.04	117	211538	30.00	PPb	0.00

System Monitoring Compounds

35) 1,2-DICHLOROETHANE-D4 (SUR	10.26	65	120980	33.58	PPb	0.00
Spiked Amount 30.000	Range 67 - 138		Recovery = 111.93%			
52) TOLUENE-d8 (SUR)	12.39	98	288930	29.95	PPb	0.00
Spiked Amount 30.000	Range 85 - 120		Recovery = 99.83%			
54) 4-BROMOFLUOROBENZENE (SUR)	15.32	95	107486	26.93	PPb	0.00
Spiked Amount 30.000	Range 78 - 117		Recovery = 89.77%			

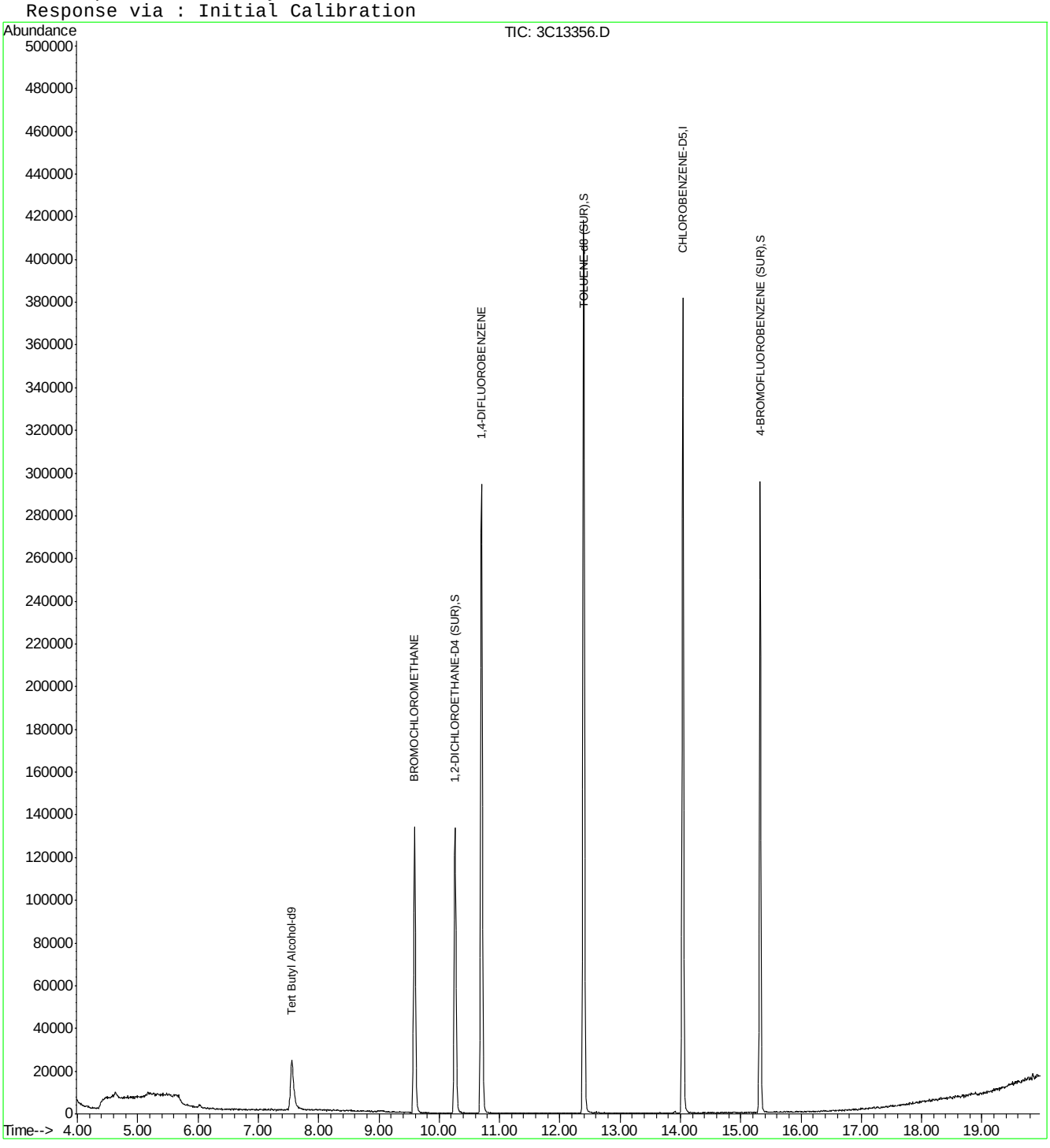
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3C13356.D M3C576.M Mon May 08 15:17:18 2006 MS3C

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3C13356.D Vial: 28
Acq On : 7 May 2006 1:40 am Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 8 10:08 2006 Quant Results File: M3C576.RES

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Last Update : Fri May 05 14:59:10 2006
Response via : Initial Calibration



3C13356.D M3C576.M Mon May 08 15:17:18 2006 MS3C Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\3C13356.D Vial: 28
Acq On : 7 May 2006 1:40 am Operator: PINGM
Sample : MB Inst : MS3C
Misc : MS32133,V3C579,W,,,,1 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title : Method 624
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 100 Area counts
Start Thrs: 0.03 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

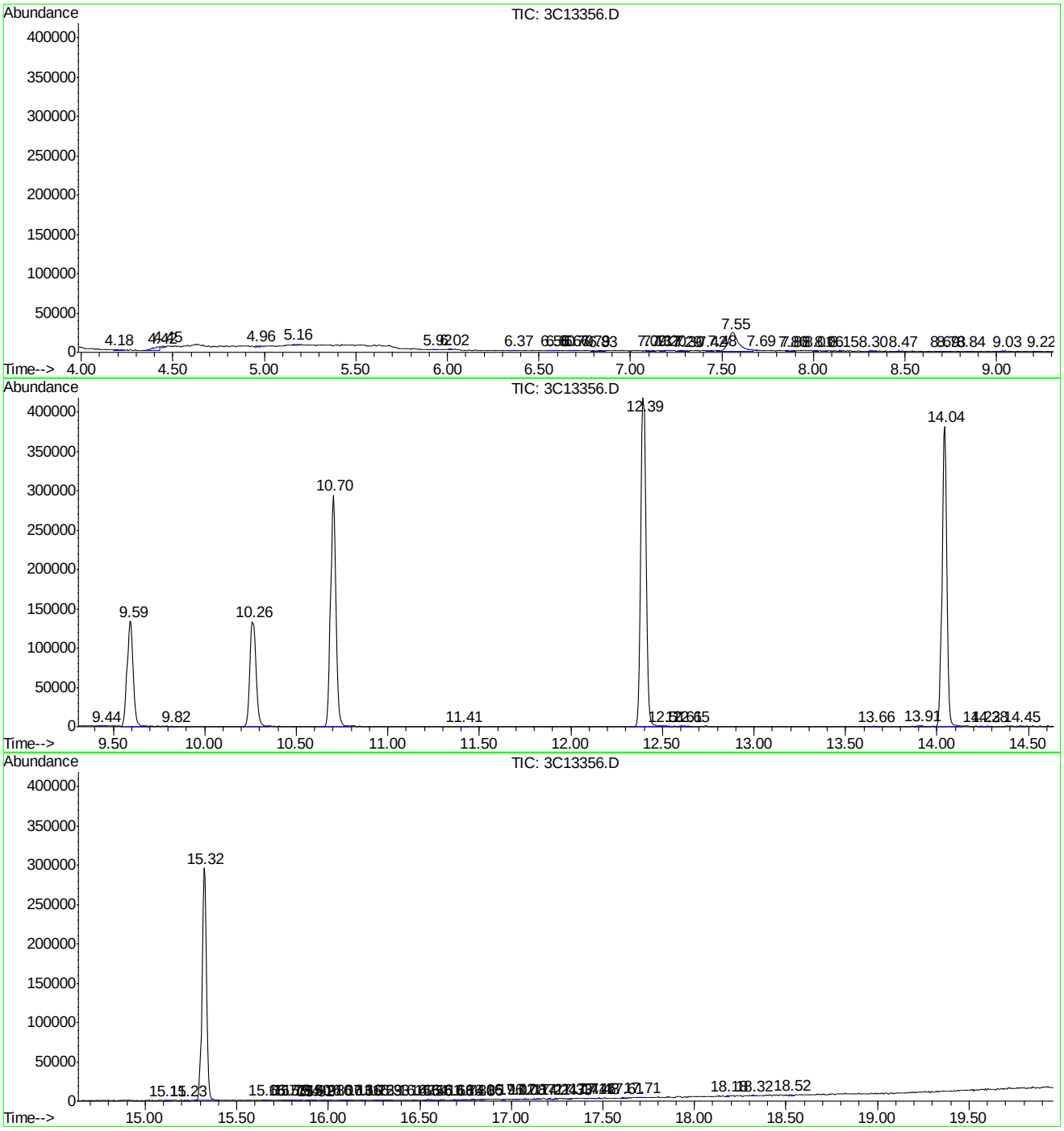
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.184	38	39	48	rVB5	1226	1915	0.25%	0.058%
2	4.420	71	84	86	rBV7	4314	12776	1.64%	0.385%
3	4.451	88	90	91	rVV2	918	839	0.11%	0.025%
4	4.960	185	187	191	rBV4	1029	1155	0.15%	0.035%
5	5.164	223	226	230	rBV6	1553	1936	0.25%	0.058%
6	5.924	369	371	375	rBV4	849	1011	0.13%	0.030%
7	6.019	385	389	391	rBV4	1540	1843	0.24%	0.056%
8	6.370	450	456	457	rVB4	573	805	0.10%	0.024%
9	6.564	489	493	497	rVB3	856	1086	0.14%	0.033%
10	6.596	497	499	501	rBV2	637	466	0.06%	0.014%
11	6.674	512	514	516	rBV2	520	404	0.05%	0.012%
12	6.695	516	518	521	rVV4	490	443	0.06%	0.013%
13	6.790	535	536	540	rBV3	650	579	0.07%	0.017%
14	6.826	542	543	550	rBV5	669	1185	0.15%	0.036%
15	7.094	592	594	597	rVV3	600	596	0.08%	0.018%
16	7.125	597	600	602	rVB3	756	667	0.09%	0.020%
17	7.172	607	609	612	rBV3	669	480	0.06%	0.014%
18	7.204	612	615	619	rBV2	696	873	0.11%	0.026%
19	7.288	625	631	633	rVB4	794	1409	0.18%	0.042%
20	7.303	633	634	637	rBV2	729	626	0.08%	0.019%
21	7.424	655	657	662	rVB2	555	636	0.08%	0.019%
22	7.482	665	668	670	rVB2	714	688	0.09%	0.021%
23	7.555	670	682	704	rBV2	23428	94098	12.08%	2.835%
24	7.691	707	708	711	rVB2	760	453	0.06%	0.014%
25	7.864	738	741	742	rVB3	569	461	0.06%	0.014%
26	7.880	742	744	748	rVB5	547	646	0.08%	0.019%
27	8.006	766	768	772	rVB4	591	740	0.10%	0.022%
28	8.064	777	779	781	rBV	714	518	0.07%	0.016%
29	8.147	792	795	797	rBV3	533	665	0.09%	0.020%
30	8.305	823	825	833	rVB5	728	1387	0.18%	0.042%
31	8.467	851	856	858	rBV4	488	580	0.07%	0.017%
32	8.693	896	899	901	rBV	633	420	0.05%	0.013%
33	8.729	901	906	908	rVV2	431	563	0.07%	0.017%
34	8.840	925	927	931	rVB4	561	426	0.05%	0.013%
35	9.034	959	964	966	rVB4	485	431	0.06%	0.013%
36	9.222	997	1000	1002	rVB	570	386	0.05%	0.012%
37	9.443	1037	1042	1045	rBV2	323	530	0.07%	0.016%
38	9.589	1061	1070	1090	rVB	133783	302032	38.79%	9.099%

39	9.820	1111	1114	1118	rVB3	337	485	0.06%	0.015%
40	10.260	1188	1198	1215	rBV	133576	294382	37.80%	8.869%
41	10.701	1270	1282	1302	rBV	294357	584347	75.04%	17.604%
42	11.409	1416	1417	1423	rBV2	279	403	0.05%	0.012%
43	12.394	1592	1605	1626	rBV	418362	778697	100.00%	23.459%
44	12.515	1626	1628	1636	rVV3	451	865	0.11%	0.026%
45	12.609	1639	1646	1650	rVV3	798	1323	0.17%	0.040%
46	12.646	1650	1653	1656	rVB3	467	482	0.06%	0.015%
47	13.658	1842	1846	1851	rVB	366	451	0.06%	0.014%
48	13.910	1887	1894	1899	rVB2	1041	1694	0.22%	0.051%
49	14.041	1909	1919	1937	rBV	381612	688675	88.44%	20.747%
50	14.235	1954	1956	1960	rVB3	452	426	0.05%	0.013%
51	14.277	1960	1964	1966	rBV	286	397	0.05%	0.012%
52	14.455	1994	1998	2003	rVB2	308	385	0.05%	0.012%
53	15.110	2121	2123	2129	rBV3	296	418	0.05%	0.013%
54	15.226	2142	2145	2148	rBV2	386	475	0.06%	0.014%
55	15.320	2153	2163	2178	rBV	295633	503527	64.66%	15.169%
56	15.656	2224	2227	2231	rBV2	424	458	0.06%	0.014%
57	15.766	2243	2248	2249	rBV3	374	424	0.05%	0.013%
58	15.787	2251	2252	2258	rVB2	564	467	0.06%	0.014%
59	15.844	2258	2263	2265	rBV3	657	556	0.07%	0.017%
60	15.902	2269	2274	2276	rBV2	503	504	0.06%	0.015%
61	15.923	2276	2278	2280	rBV2	394	382	0.05%	0.012%
62	15.975	2285	2288	2293	rVB3	331	463	0.06%	0.014%
63	16.070	2305	2306	2311	rBV	646	589	0.08%	0.018%
64	16.127	2311	2317	2318	rBV3	507	707	0.09%	0.021%
65	16.190	2326	2329	2332	rVB3	388	534	0.07%	0.016%
66	16.248	2339	2340	2343	rBV	624	506	0.06%	0.015%
67	16.290	2343	2348	2352	rBV4	537	963	0.12%	0.029%
68	16.332	2352	2356	2359	rBV4	627	659	0.08%	0.020%
69	16.473	2380	2383	2385	rBV	463	388	0.05%	0.012%
70	16.542	2391	2396	2399	rVB3	520	766	0.10%	0.023%
71	16.563	2399	2400	2404	rVB2	538	510	0.07%	0.015%
72	16.615	2405	2410	2412	rVV3	419	438	0.06%	0.013%
73	16.683	2422	2423	2430	rBV4	733	1028	0.13%	0.031%
74	16.741	2430	2434	2437	rBV3	671	895	0.11%	0.027%
75	16.798	2440	2445	2447	rBV3	332	510	0.07%	0.015%
76	16.846	2451	2454	2455	rBV2	517	460	0.06%	0.014%
77	16.956	2473	2475	2477	rBV3	818	776	0.10%	0.023%
78	17.019	2485	2487	2492	rBV3	638	856	0.11%	0.026%
79	17.076	2496	2498	2501	rBV4	1042	946	0.12%	0.028%
80	17.139	2506	2510	2512	rBV3	965	1393	0.18%	0.042%
81	17.213	2520	2524	2527	rBV3	829	964	0.12%	0.029%
82	17.244	2527	2530	2532	rBV3	711	589	0.08%	0.018%
83	17.328	2542	2546	2547	rBV4	920	1117	0.14%	0.034%
84	17.407	2559	2561	2564	rBV3	611	450	0.06%	0.014%
85	17.459	2568	2571	2572	rBV2	636	599	0.08%	0.018%
86	17.480	2573	2575	2578	rVV4	656	401	0.05%	0.012%
87	17.611	2597	2600	2603	rBV4	748	1015	0.13%	0.031%
88	17.706	2615	2618	2620	rBV4	629	596	0.08%	0.018%
89	18.177	2707	2708	2711	rBV3	1192	1185	0.15%	0.036%
90	18.319	2733	2735	2737	rVB3	991	670	0.09%	0.020%
91	18.523	2772	2774	2778	rBV5	1136	1423	0.18%	0.043%

Sum of corrected areas: 3319373

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\3C13356.D
Operator : PINGM
Acquired : 7 May 2006 1:40 am using AcqMethod M3C576
Instrument : MS3C
Sample Name: MB
Misc Info : MS32133,V3C579,W,,,,1
Vial Number: 28
Quant File :M3C576.RES (RTE Integrator)



ACCUTEST Laboratories J29228

Tentatively Identified Compound (LSC) summary

Operator ID: PINGM Date Acquired: 7 May 2006 1:40 am
Data File: C:\MSDCHEM\1\DATA\3C13356.D
Name: MB
Misc: MS32133,V3C579,W,,,,1
Method: C:\MSDCHEM\1\METHODS\M3C576.M (RTE Integrator)
Title: Method 624
Library Searched: C:\DATABASE\Nist98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc